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/ Shell Oil Products US (Shell) 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/ Shell

Mail Address: 128 East Center Street

City: Nazareth

State: PA Zip Code: 18064

Contact Name: Leroy Bealer

Contact Title: Senior 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

☐ RFI Phase II Workplan/Report

☐ CMP Report;

☒ Other (describe): Soil Vapor Sampling and SVE Monitoring Report - 3rd Quarter 2022

IEPA Permit Log No. B-43R

Date of Last IEPA Letter on Project: August 22, 2022

Log No. of Last IEPA Letter on Project: B-43R-CA-107

Does this submittal include groundwater information: ☒ Yes ☐ No

Date of Submittal: October 24, 2022

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

Soil Vapor Sampling and SVE Monitoring Report for the 3rd Quarter 2022 in the project area located in the Village of Roxana, Illinois.

6.0 Documents Submitted (identify all documents in submittal, including cover letter; give dates of all documents)

Cover letter, RCRA Corrective Action Certification, and Soil Vapor Sampling and SVE Monitoring Report - 3rd Quarter 2022 dated 10/24/22. Copy of submittal also sent directly to V. Poornaka and A. Al-Janabi of IEPA.

7.0 Certification Statement

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

For: Roxana, Illinois 3Q22 SU-SUE Report

Date of Submission: 10/24/2022

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: 10/14/2022

Title: **Senior Program Manager**

7.2 Professional Certification (if necessary)

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

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

Professional's Signature: Wendy M Pennington Date: 10/17/2022

Professional's Name Wendy M. Pennington

Address 100 N. Broadway, 20th floor Professional's Seal:

City St. Louis

State MO Zip Code 63102

Phone 314-429-0100



IEPA RCRA Corrective Action Certification
For: Roxana, Illinois 3Q22 SV-SVE Report
Date of Submission: 10/24/2022

7.3 Laboratory Certification (if necessary)

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

Name of Laboratory Eurofins Environment Testing Northern California, LLC (Eurofins Air Toxics

SepidehSaeed Date: 09/16/2022
Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 180 Blue Ravine Rd., Suite B
City Folsom
State CA Zip Code 95630

Sepideh Saeed Business Unit Manager
Name and Title of Laboratory Responsible Officer

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October 24, 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 – 3rd Quarter 2022
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 (Shell), AECOM Technical Services, Inc. (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.

Electronic copies of this submittal are being sent separately directly to Visal Poornaka and Ali Al-Janabi with the IEPA.

If you have any questions during your review, please contact Leroy Bealer, Shell Senior 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

Joe Mayer
Environmental Engineer

Wendy Pennington, PE
Project Manager

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

cc:

Leroy Bealer, Shell
Thomas Morgan, Phillips 66
Visal Poornaka, IEPA, Springfield
Ali Al-Janabi, IEPA, Collinsville
Yuping Ding, Illinois Department of Public Health
Greensfelder, Hemker & Gale P.C.
Repositories – Roxana Public Library, website

AECOM

3rd Quarter 2022 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, IL

Prepared for:
Equilon Enterprises LLC dba Shell Oil Products US

Project number: 60674381

October 2022

Delivering a better world

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 3rd Quarter 2022 Soil Vapor Sampling and SVE Monitoring Report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell). Shell 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**.

2 Description of Subsurface Conditions

This section summarizes the current understanding of the Investigation Area geology and hydrogeology.

2.1 Geology

The Investigation Area is located approximately 1.5 miles east of the Mississippi River within the American Bottoms floodplain. The surface topography is generally flat; however, it slopes downward to the west-southwest in the southwestern portion of the Village, with a total drop in elevation of approximately 15 feet across the area.

The ground surface in the Village within the Investigation Area, where not developed with structures, is primarily grass covered with paved (i.e., chip and seal, asphalt, etc.) alleys and streets. Beneath any man-made fill material, the subsurface conditions generally consist of silty clay underlain by sands to the depths investigated.

Subsurface stratigraphy within the Investigation Area generally consists of the following materials, from the ground surface down.

- Fill – (mainly clay, some gravel and cinders, etc.) Extends from the surface to approximately six feet below ground surface (bgs).
- Clay/Silt – (primarily silty clay) Where present, the clay generally extends from the base of the fill to approximately 12 feet bgs.
- Sand – (consisting primarily of fine to medium grained (which coarsens with depth) sand with some silt and clay, especially at the shallower depths). The sand begins at the base of the clay (or base of the fill if the clay is not present) and extends to the total depth of the borings.

Discontinuous lower permeability lenses of clay with some silt and sand are occasionally present. These lenses vary in thickness from 1 inch to a few feet and do not appear to be laterally (or vertically) extensive.

Cross-sections depicting the underlying geology were previously presented in the Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Report (URS, 2010a). These cross-sections were developed based on information provided on cone penetration test (CPT) logs and soil boring logs. A modified cross-section presenting analytical data is discussed in **Section 4.3** of this report.

2.2 Hydrogeology

Groundwater in the sand underlying the Investigation Area is the primary source for large volume water production in the area (e.g., industrial and municipal supply). Prior to development in the area, the natural movement of groundwater was toward the west (toward the Mississippi River). Since development in the area, groundwater pumping has altered the groundwater flow in the area to flow toward nearby pumping wells (e.g., WRR, BP, etc.).

The water table encountered during the 3rd Quarter 2022 (2Q22) was at a depth of approximately 37 to 44 feet bgs (approximate elevation of 403.4 to 405.4 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 have risen approximately 0.2 to 1.3 feet since the 2Q22 gauging event. Water level measurements collected during the 3Q22 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 3Q22 comprehensive groundwater monitoring well gauging[1] (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 3Q22.

[1] 3Q22 comprehensive groundwater monitoring well gauging performed July 5-7, 2022.

3 Soil Vapor Sampling and Analytical Procedures

The 3Q22 soil vapor sampling event was performed in accordance with ASTM D-7663-18 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 3Q22 soil vapor sampling event was conducted July 22 to August 2, 2022.

3.1 Vapor Monitoring Port Sampling

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

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 20 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 3Q22; details are provided below. This is a relatively greater number of VMPs as compared to typical quarters and is believed to be in part the result of elevated groundwater conditions.

- Two 1st interval VMPs, VMP-52-5 and 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-25-9.5, VMP-52-10, and VMP-55-10, held vacuum during the attempted purge and were most likely submerged. The screens for VMP-25-9.5 and VMP-55-10 are within fill material, and it is not unusual for shallow water to be trapped in the fill.
- Two 3rd interval VMPs, VMP-22-18 and VMP-25-21, held vacuum during the attempted purge and were most likely submerged.
- Twelve 4th interval VMPs, VMP-2-42, VMP-4-39, VMP-13-29.5, VMP-15-29, VMP-20-39.5, VMP-22-38, VMP-23-40, VMP-29-40, VMP-30-40, VMP-32-30, VMP-55-30, and VMP-64-28 held vacuum during the attempted purge and were most likely submerged.
- The 5th interval VMP, VMP-3-39, held vacuum during the attempted purge and was most likely submerged.

VMPs that were submerged and could not be sampled during 3Q22 are identified on **Figures 4** through **6**.

Re-samples – There were no re-samples in 3Q22.

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 2, 2022 (AECOM, 2022c).

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 were performed at the sample locations.

Investigation Derived Waste

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

3.3 Sample Handling and Laboratory Testing

Sample Handling

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

Laboratory Testing

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

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

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

3.4 Data Quality Review and Data Management

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by AECOM. One hundred percent of the data were subjected to a data quality review, and ten percent of the data were further subjected to a Level 4 data validation. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 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 146 investigative samples and 17 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 Soil Vapor Analytical Results

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 3Q22 sampling event:

TO-15 Detections	
1,2,4-Trimethylbenzene	Dichlorodifluoromethane (Freon 12)
1,3,5-Trimethylbenzene	Ethanol
2,2,4-Trimethylpentane	Ethylbenzene
2-Propanol	Heptane
4-Ethyltoluene	Hexane
Benzene	Isopentane
Bromodichloromethane	m,p-Xylenes
Butane	o-Xylene
Chloroform	Tetrachloroethene
Chlorobenzene	Trichloroethene

No analytes were detected at or above the reporting limit for the first time at any VMP in 3Q22. 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 121 samples, and was estimated between the MDL and RL in 7 of 121 samples collected in the Village. Concentrations of benzene from locations within the Village ranged from an estimated 0.0013 mg/m^3 (VMP-56-10) to an estimated 0.027 mg/m^3 (VMP-6-39), with one outlier result of 520 mg/m^3 (VMP-56-38.5; 38.5 ft bgs). The results for samples collected in the Village indicate that one sample, VMP-56-38.5 (38.5 ft bgs)

had a benzene concentration above the residential screening criterion (0.37 mg/m^3). The 3Q22 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 3 of 33 samples, and was estimated between the MDL and RL in 6 of 33 samples collected in the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue. Concentrations of benzene from locations within the Roxana Public Works Yard and the area along Illinois Route 111 ranged from an estimated 0.0.0012 mg/m^3 VMP-11-29) to 0.021 mg/m^3 (VMP-30-18). The results of samples collected from the Roxana Public Works Yard and area along Illinois Route 111 and Rand Avenue indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. The 3Q22 and historical results for benzene in soil vapor for samples collected in the Roxana Public Works Yard are depicted on **Figure 6**.

Wood River Refinery

Benzene was detected above the RL in 5 of 9 samples, and was estimated between the MDL and RL in 2 of 9 samples collected in the WRR, and ranged in concentration from an estimated 0.0014 mg/m^3 (VMP-12-5) to 490 mg/m^3 (VMP-16-31). The results of samples collected in the WRR indicate that 5 samples exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene (VMP-12-25, VMP-12-39, VMP-16-13.5, VMP-16-19 and VMP-16-31; 25 ft, 39 ft, 13.5 ft, 19 ft, and 31 ft bgs, respectively). The 3Q22 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). 3Q22 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, Shell 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 3Q22. **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 – 3rd Quarter 2022 Report (AECOM, 2022d). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 3Q22 comprehensive monitoring well gauging are presented in **Table 1** and shown on **Figure 12**.

VMP-54

Concentrations of chloroform at VMP-54 have increased since the summer of 2020, which coincided with the installation of a pool in the residents' backyard immediately northeast of VMP-54. Increased concentrations of chloroform were not observed at monitoring wells MW-3 or MW-4, which are to the west and east, respectively, of VMP-54 (AECOM, 2022d). Chloroform is a common disinfectant byproduct in municipal water and can be present in higher concentrations in chlorinated pool water.

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-12 and VMP-16 (see **Table 6** and **Appendix B**), and groundwater monitoring well P-66 on WRR Main Property (see Interim Groundwater Monitoring Program – 3rd Quarter 2022 Report; AECOM, 2022d). The approximate location of the release is shown on **Figures 2, 4 to 7, 9 to 11**, and **13**. In May 2022 AECOM began collecting monthly Tedlar® samples at VMP-16 during SVE effectiveness monitoring, and the results of these samples are included in **Table 9**.

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 3Q22. 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, 2021). 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 3Q22 can be found in **Appendix C.**

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

5.3 SVE System Monitoring Results

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

SVE Well & VMP Tedlar® Sampling Details:

SVE and VMP well locations sampled during 3Q22 (listed below) are shown on **Figure 13**.

- SVE wells operating during at least one effectiveness monitoring event in 3Q22 were:
  - SVE-20, SVE-30 through SVE-33, SVE-37, and SVE-39 located on WRR North Property.

- SVE-24 and SVE-27 located in the Roxana Public Works Yard.
- SVE-3R and SVE-45 located in the Village.
- Samples were collected from all operating SVE wells during 3Q22 effectiveness monitoring events.

– Fifty-one VMP locations were sampled monthly during 3Q22 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-16 is located on WRR Main 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 header concentrations and mass removal decreased in 3Q22 compared to 2Q22, which coincided with an increase in groundwater elevations along the West Fenceline. Mass removal typically decreases when groundwater elevation rises, due to the decreased vadose zone available to SVE system influence. Public Works header concentrations and mass removal were similar in 3Q22 compared to 2Q22. System downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.

– During 3Q22, LNAPL was observed in SVE-45. The screened interval for this location was installed in the vadose zone above the groundwater table. During 3Q22 no LNAPL was recovered from SVE-45 because LNAPL thickness did not meet the 0.2 ft criterion[3] for recovery.

5.4 SVE System Operation Evaluation

July			August			September		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	742.45 hours	99.79%	744 hours	552.08 hours	74.20%	720 hours	718.7 hours	99.82%

During 3Q22 the SVE system experienced one period of unplanned downtime:

[3] 0.2 ft criterion for removal is a site-specific criterion based on the removal method for LNAPL on site.

- August 3-4, 2022, the system experienced downtime associated with a variable frequency drive (VFD) alarm. Total downtime was 17 hours and 34 minutes.

The remainder of downtime in 3Q22 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 3Q22 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 3Q22. 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 leg[4]. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow rates are included in **Appendix F**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

$Where$:

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

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

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

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

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

$Unit\ conversions$:

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

$60\ minutes\ per\ hour$

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

$2000\ pounds\ per\ tons$

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated molecular weights for this reporting period, 22.9 lb/lb-mole and 22.6 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 3Q22.

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

Quarterly Total Hydrocarbon Mass Removed				
Quarter	West Fenceline Mass (tons)	Public Works Mass (tons)	Quarterly Mass (tons)	Cumulative Mass Removed (tons)
2Q12	124	36	160	160
3Q12	96	23	119	279
4Q12	53	22	75	354
1Q13	39	12	51	405
2Q13	60	17	77	482
3Q13	68	26	94	576
4Q13	89	37	126	702
1Q14	72	22	94	796
2Q14	83	36	119	915
3Q14	94	34	128	1,043
4Q14	106	33	139	1,182
1Q15	167	42	209	1,391
2Q15	174	52	226	1,617
3Q15	137	48	185	1,802
4Q15	111	35	146	1,948
1Q16	91	23	114	2,062
2Q16	78	24	102	2,164
3Q16	57	24	81	2,245
4Q16	32	7	39	2,284
1Q17	38	6	44	2,328
2Q17	51	4	55	2,383
3Q17	33	6	39	2,422
4Q17	33	12	45	2,467
1Q18	36	25	61	2,528
2Q18	54	25	79	2,607
3Q18	59	21	80	2,687
4Q18	50	17	67	2,754
1Q19	52	25	77	2,831
2Q19	69	13	79	2,913
3Q19	31	4	35	2,948
4Q19	25	7	32	2,980
1Q20	15	5	20	3,000
2Q20	32	6	38	3,038
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
1Q22	15	4	19	3,240
2Q22	29	10	39	3,279
3Q22	23	10	33	3,312

Carbon Footprint

Total carbon dioxide (CO_2) mass emitted from operation of the SVE system RTO in 3Q22 was approximately 147.6 tons. Based on a total of 33 tons of total hydrocarbons (THC) removed from the subsurface and treated by the RTO, the CO_2 mass emissions rate in 3Q22 was approximately 4.4 tons per ton THC removed.

Total CO_2 emissions are based on the sum of CO_2 mass emitted from the RTO stack and CO_2 mass emitted by the public utility to provide electricity required for RTO operation. The CO_2 mass emitted from the RTO stack is the sum of CO_2 emitted from combustion of extracted soil vapor and supplemental natural gas required for operation.
The breakdown for CO_2 emissions in 3Q22 is as follows:

- 82.5 tons CO_2 from soil vapor combustion
- 27.1 tons CO_2 from combustion of 4,607 therms of supplemental natural gas[5]
- 38.0 tons CO_2 from 70,928 kWh of electricity assuming 0.486 metric tons (0.536 tons) CO_2 emitted per Net MWh (Ameren, 2022)
- **147.6 tons CO_2 Total**

Total CO_2 emissions resulting from operation of the SVE system in 3Q22 are equivalent to annual CO_2 emissions due to energy use of 16.1 average American households[6].

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 CO_2 associated with the energy use of an average American household (USEPA, 2021).

6 Conclusions

AECOM conducted the 3Q22 soil vapor sampling and SVE monitoring efforts on behalf of Shell in the Village, Roxana Public Works Yard, and adjoining portions of the WRR. The following conclusions are based on the data collected during 3Q22:

- Soil vapor samples were collected from 45 locations and 146 ports in the Village, Public Works Yard, and WRR during 3Q22. Due to subsurface water conditions, 20 ports were submerged and unable to be sampled.
    - One sample exceeded the benzene residential screening criterion (0.37 mg/m^3) in the Village, at VMP-56 (38.5 ft bgs). Benzene concentrations ranged from an estimated 0.0013 mg/m^3 to 0.027 mg/m^3, with one outlier result of 520 mg/m^3 (VMP-56-38.5).
    - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m^3) in the Public Works Yard or the area along Illinois Route 111 and Rand Avenue. Concentrations of benzene from locations within the Roxana Public Works Yard and the area along Illinois Route 111 ranged from an estimated 0.0012 mg/m^3 to 0.021 mg/m^3.
    - Sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m^3) in the WRR at VMP-12 (25 and 39 ft bgs) and VMP-16 (13.5, 19 and 31 ft bgs). Benzene concentrations ranged from an estimated 0.0014 mg/m^3 to 490 mg/m^3.
- 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-12 and VMP-16 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 3Q22. Preliminary carbon footprint analysis indicates that operating the SVE system in 3Q22, including the contribution from electricity generation, resulted in the emissions of approximately 147.6 tons of CO_2, compared to 33 tons of THC removed from the subsurface.

Limitations:

Shell 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. Shell 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 Shell 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

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TABLE 1
QUARTERLY 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											
4Q21	442.83	10/5/2021	NE	37.81	NA	NA	NA	405.02	394.03 - 384.03 (48.80 - 58.80)	0.1	*
1Q22		1/3/2022	NE	39.03	NA	NA	NA	403.80		0.0	*
2Q22		4/5/2022	NE	39.78	NA	NA	NA	403.05		0.0	*
3Q22		7/5/2022	NE	38.89	NA	NA	NA	403.94		0.0	*
MW 02											
4Q21	443.93	10/4/2021	NE	39.11	NA	NA	NA	404.82	394.06 - 384.06 (49.87 - 59.87)	9.8	*
1Q22		1/3/2022	NE	40.41	NA	NA	NA	403.52		317.2	*
2Q22		4/4/2022	NE	41.13	NA	NA	NA	402.80		161.2	*
3Q22		7/5/2022	NE	40.28	NA	NA	NA	403.65		5.0	*
MW 03											
4Q21	430.23	10/5/2021	NE	25.09	NA	NA	NA	405.14	395.56 - 385.56 (34.67 - 44.67)	0.2	*
1Q22		1/4/2022	NE	26.20	NA	NA	NA	404.03		0.3	*
2Q22		4/5/2022	NE	26.94	NA	NA	NA	403.29		0.0	*
3Q22		7/5/2022	NE	25.89	NA	NA	NA	404.34		0.0	*
MW 04											
4Q21	441.31	10/5/2021	NE	36.29	NA	NA	NA	405.02	396.25 - 386.25 (45.06 - 55.06)	0.4	*
1Q22		1/4/2022	NE	37.43	NA	NA	NA	403.88		0.0	*
2Q22		4/5/2022	NE	38.19	NA	NA	NA	403.12		0.0	*
3Q22		7/5/2022	NE	37.29	NA	NA	NA	404.02		0.0	*
MW 05											
4Q21	429.98	10/5/2021	NE	24.79	NA	NA	NA	405.19	396.01 - 386.01 (33.97 - 43.97)	2.8	*
1Q22		1/4/2022	NE	25.90	NA	NA	NA	404.08		0.0	*
2Q22		4/5/2022	NE	26.62	NA	NA	NA	403.36		0.0	*
3Q22		7/6/2022	NE	25.68	NA	NA	NA	404.30		0.0	*
MW 06A											
4Q21	432.33	10/5/2021	NE	26.94	NA	NA	NA	405.39	398.48 - 388.48 (33.85 - 43.85)	0.0	*
1Q22		1/4/2022	NE	28.02	NA	NA	NA	404.31		0.1	*
2Q22		4/5/2022	NE	28.70	NA	NA	NA	403.63		0.0	*
3Q22		7/6/2022	NE	26.86	NA	NA	NA	405.47		0.0	*
MW 06B											
4Q21	432.37	10/5/2021	NE	26.98	NA	NA	NA	405.39	368.32 - 363.32 (64.05 - 69.05)	0.0	*
1Q22		1/4/2022	NE	28.07	NA	NA	NA	404.30		0.1	*
2Q22		4/5/2022	NE	28.76	NA	NA	NA	403.61		0.0	*
3Q22		7/6/2022	NE	27.91	NA	NA	NA	404.46		0.0	*
MW 06C											
4Q21	432.18	10/5/2021	NE	26.78	NA	NA	NA	405.40	347.23 - 342.23 (84.95 - 89.95)	0.0	*
1Q22		1/4/2022	NE	27.86	NA	NA	NA	404.32		0.1	*
2Q22		4/5/2022	NE	28.53	NA	NA	NA	403.65		0.0	*
3Q22		7/6/2022	NE	27.70	NA	NA	NA	404.48		0.0	*
MW 06D											
4Q21	432.06	10/5/2021	NE	26.63	NA	NA	NA	405.43	327.34 - 322.34 (104.72 - 109.72)	0.0	*
1Q22		1/4/2022	NE	27.73	NA	NA	NA	404.33		0.1	*
2Q22		4/5/2022	NE	28.39	NA	NA	NA	403.67		0.0	*
3Q22		7/6/2022	NE	27.54	NA	NA	NA	404.52		0.0	*
MW 07											
4Q21	443.31	10/4/2021	NE	38.33	NA	NA	NA	404.98	400.39 - 390.39 (42.92 - 52.92)	18.2	*
1Q22		1/3/2022	NE	39.64	NA	NA	NA	403.67		65.6	*
2Q22		4/4/2022	NE	40.28	NA	NA	NA	403.03		2.6	*
3Q22		7/5/2022	NE	39.37	NA	NA	NA	403.94		0.0	*
MW 08											
4Q21	434.43	10/5/2021	NE	29.29	NA	NA	NA	405.14	400.83 - 390.83 (33.60 - 43.60)	0.0	*
1Q22		1/4/2022	NE	30.38	NA	NA	NA	404.05		0.0	*
2Q22		4/5/2022	NE	31.12	NA	NA	NA	403.31		0.5	*
3Q22		7/6/2022	NE	30.22	NA	NA	NA	404.21		0.0	*
MW 09											
4Q21	445.28	10/4/2021	NE	39.21	NA	NA	NA	406.07	399.24 - 389.24 (46.04 - 56.04)	0.1	*
1Q22		1/3/2022	NE	40.43	NA	NA	NA	404.85		0.2	*
2Q22		4/4/2022	NE	41.43	NA	NA	NA	403.85		0.0	*
3Q22		7/5/2022	NE	40.73	NA	NA	NA	404.55		0.0	*

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 10											
4Q21	445.06	10/4/2021	NE	39.09	NA	NA	NA	405.97	400.63 - 390.63 (44.43 - 54.43)	0.1	*
1Q22		1/3/2022	NE	40.33	NA	NA	NA	404.73		0.1	*
2Q22		4/4/2022	NE	41.30	NA	NA	NA	403.76		0.0	*
3Q22		7/5/2022	NE	40.28	NA	NA	NA	404.78		0.0	*
MW 11											
4Q21	442.38	10/4/2021	NE	36.90	NA	NA	NA	405.48	400.72 - 390.72 (41.66 - 51.66)	0.0	*
1Q22		1/3/2022	NE	38.14	NA	NA	NA	404.24		0.2	*
2Q22		4/5/2022	NE	39.04	NA	NA	NA	403.34		0.0	*
3Q22		7/5/2022	NE	38.24	NA	NA	NA	404.14		0.0	*
MW 12											
4Q21	442.64	10/5/2021	NE	37.49	NA	NA	NA	405.15	400.72 - 390.72 (41.92 - 51.92)	0.3	*
1Q22		1/3/2022	NE	38.72	NA	NA	NA	403.92		0.2	*
2Q22		4/5/2022	NE	39.54	NA	NA	NA	403.10		0.0	*
3Q22		7/5/2022	NE	38.60	NA	NA	NA	404.04		0.0	*
MW 13											
4Q21	430.30	10/5/2021	NE	24.71	NA	NA	NA	405.59	405.50 - 395.50 (24.80 - 34.80)	0.0	*
1Q22		1/4/2022	NE	25.72	NA	NA	NA	404.58		5.7	
2Q22		4/5/2022	NE	26.43	NA	NA	NA	403.87		71.2	
3Q22		7/6/2022	NE	25.50	NA	NA	NA	404.80		0.0	
MW 14											
4Q21	434.61	10/6/2021	NE	29.02	NA	NA	NA	405.59	401.19 - 391.19 (33.42 - 43.42)	41.3	*
1Q22		1/5/2022	NE	30.17	NA	NA	NA	404.44		2.9	*
2Q22		4/6/2022	NE	30.85	NA	NA	NA	403.76		64.5	*
3Q22		7/7/2022	NE	30.13	NA	NA	NA	404.48		16.6	*
MW 16											
4Q21	443.60	10/4/2021	NE	38.57	NA	NA	NA	405.03	406.10 - 396.10 (37.50 - 47.50)	0.0	
1Q22		1/4/2022	NE	39.62	NA	NA	NA	403.98		0.0	
2Q22		4/5/2022	NE	40.70	NA	NA	NA	402.90		0.0	
3Q22		7/5/2022	NE	39.85	NA	NA	NA	403.75		0.0	
MW 17											
4Q21	441.78	10/4/2021	NE	36.85	NA	NA	NA	404.93	407.49 - 392.49 (34.29 - 49.29)	0.0	
1Q22		1/3/2022	NE	38.02	NA	NA	NA	403.76		0.1	
2Q22		4/4/2022	NE	39.09	NA	NA	NA	402.69		0.0	
3Q22		7/5/2022	NE	38.39	NA	NA	NA	403.39		0.0	
MW 18											
4Q21	442.24	10/4/2021	NE	37.46	NA	NA	NA	404.78	407.32 - 392.32 (34.92 - 49.92)	0.0	
1Q22		1/3/2022	NE	38.68	NA	NA	NA	403.56		0.0	
2Q22		4/4/2022	NE	39.77	NA	NA	NA	402.47		0.0	
3Q22		7/5/2022	NE	38.87	NA	NA	NA	403.37		0.0	
MW 19											
4Q21	442.98	10/4/2021	NE	38.16	NA	NA	NA	404.82	406.64 - 391.64 (36.34 - 51.34)	0.0	
1Q22		1/3/2022	NE	39.38	NA	NA	NA	403.60		0.0	
2Q22		4/4/2022	NE	40.41	NA	NA	NA	402.57		0.0	
3Q22		7/5/2022	NE	39.54	NA	NA	NA	403.44		0.0	
MW 20											
4Q21	443.86	10/4/2021	NE	39.06	NA	NA	NA	404.80	407.98 - 392.98 (35.88 - 50.88)	0.0	
1Q22		1/3/2022	NE	40.35	NA	NA	NA	403.51		0.0	
2Q22		4/4/2022	NE	41.22	NA	NA	NA	402.64		0.0	
3Q22		7/5/2022	NE	40.36	NA	NA	NA	403.50		0.0	
MW 21											
4Q21	444.01	10/4/2021	NE	39.19	NA	NA	NA	404.82	409.00 - 394.00 (35.01 - 50.01)	0.0	
1Q22		1/3/2022	NE	40.55	NA	NA	NA	403.46		0.5	
2Q22		4/4/2022	NE	41.22	NA	NA	NA	402.79		0.0	
3Q22		7/5/2022	NE	40.31	NA	NA	NA	403.70		0.0	
MW 22											
4Q21	442.38	10/4/2021	NE	37.18	NA	NA	NA	405.20	403.95 - 393.95 (38.43 - 48.43)	0.0	*
1Q22		1/3/2022	NE	38.37	NA	NA	NA	404.01		0.0	*
2Q22		4/5/2022	NE	39.36	NA	NA	NA	403.02		0.0	
3Q22		7/5/2022	NE	38.56	NA	NA	NA	403.82		0.0	

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 23											
4Q21	431.57	10/5/2021	NE	26.28	NA	NA	NA	405.29	402.55 - 392.55 (29.02 - 39.02)	5.5	*
1Q22		1/4/2022	NE	27.38	NA	NA	NA	404.19		0.2	*
2Q22		4/5/2022	NE	27.98	NA	NA	NA	403.59		20.0	*
3Q22		7/6/2022	NE	26.94	NA	NA	NA	404.63		0.0	*
MW 24											
4Q21	443.65	10/5/2021	NE	38.28	NA	NA	NA	405.37	404.04 - 394.04 (39.61 - 49.61)	0.0	*
1Q22		1/3/2022	NE	39.44	NA	NA	NA	404.21		0.0	*
2Q22		4/5/2022	NE	40.34	NA	NA	NA	403.31		0.0	
3Q22		7/7/2022	NE	39.55	NA	NA	NA	404.10		0.0	*
MW 25											
4Q21	438.53	10/5/2021	NE	33.47	NA	NA	NA	405.06	402.94 - 392.94 (35.59 - 45.59)	200.8	*
1Q22		1/4/2022	NE	34.59	NA	NA	NA	403.94		140.6	*
2Q22		4/5/2022	NE	35.34	NA	NA	NA	403.19		94.1	*
3Q22		7/5/2022	NE	34.41	NA	NA	NA	404.12		8.9	*
MW 26											
4Q21	441.23	10/5/2021	NE	36.22	NA	NA	NA	405.01	403.08 - 393.08 (38.15 - 48.15)	3.0	*
1Q22		1/3/2022	NE	37.44	NA	NA	NA	403.79		0.2	*
2Q22		4/5/2022	NE	38.15	NA	NA	NA	403.08		0.0	
3Q22		NM	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to parked vehicle.
MW 27											
4Q21	443.60	10/4/2021	NE	37.19	NA	NA	NA	406.41	403.81 - 393.81 (39.79 - 49.79)	0.1	*
1Q22		1/3/2022	NE	38.25	NA	NA	NA	405.35		0.2	*
2Q22		4/5/2022	NE	39.35	NA	NA	NA	404.25		0.0	*
3Q22		7/5/2022	NE	39.08	NA	NA	NA	404.52		0.0	*
MW 28											
4Q21	443.55	10/4/2021	NE	36.31	NA	NA	NA	407.24	409.94 - 399.94 (33.61 - 43.61)	0.1	
1Q22		1/3/2022	NE	37.48	NA	NA	NA	406.07		0.1	
2Q22		4/5/2022	NE	38.45	NA	NA	NA	405.10		0.0	
3Q22		7/5/2022	NE	38.27	NA	NA	NA	405.28		0.0	
P 01											
4Q21	442.98	10/5/2021	NE	28.95	NA	NA	NA	414.03	380.76 - 375.76 (62.22 - 67.22)	0.0	*
1Q22		1/5/2022	NE	31.32	NA	NA	NA	411.66		0.0	*
2Q22		4/5/2022	NE	31.60	NA	NA	NA	411.38		0.0	*
3Q22		7/7/2022	NE	32.02	NA	NA	NA	410.96		0.0	*
P 4U											
4Q21	442.74	10/5/2021	NE	30.15	NA	NA	NA	412.59	361.59 - 359.59 (81.15 - 83.15)	0.0	*
1Q22		1/5/2022	NE	32.32	NA	NA	NA	410.42		0.0	*
2Q22		4/5/2022	NE	32.90	NA	NA	NA	409.84		0.0	*
3Q22		7/6/2022	NE	33.35	NA	NA	NA	409.39		0.0	*
P 5L											
4Q21	444.01	10/5/2021	NE	30.04	NA	NA	NA	413.97	303.61 - 301.61 (140.40 - 142.40)	0.0	*
1Q22		1/5/2022	NE	32.25	NA	NA	NA	411.76		0.0	*
2Q22		4/5/2022	NE	32.74	NA	NA	NA	411.27			*
3Q22		7/6/2022	NE	33.06	NA	NA	NA	410.95		0.0	*
P 5U											
4Q21	444.42	10/5/2021	NE	31.19	NA	NA	NA	413.23	313.79 - 311.79 (130.63 - 132.63)	0.0	*
1Q22		1/5/2022	NE	33.44	NA	NA	NA	410.98		0.0	*
2Q22		4/5/2022	NE	34.02	NA	NA	NA	410.40		0.0	*
3Q22		7/6/2022	NE	34.61	NA	NA	NA	409.81		0.0	*
P 6U											
4Q21	443.63	10/5/2021	NE	30.81	NA	NA	NA	412.82	363.13 - 361.13 (80.50 - 82.50)	0.0	*
1Q22		1/5/2022	NE	32.95	NA	NA	NA	410.68		0.0	*
2Q22		4/5/2022	NE	33.53	NA	NA	NA	410.10		0.0	*
3Q22		7/6/2022	NE	34.00	NA	NA	NA	409.63		0.0	*
P 7U											
4Q21	444.08	10/5/2021	NE	31.01	NA	NA	NA	413.07	383.00 - 381.00 (61.08 - 63.08)	0.0	*
1Q22		1/5/2022	NE	33.15	NA	NA	NA	410.93		0.0	*
2Q22		4/5/2022	NE	33.75	NA	NA	NA	410.33		0.0	*
3Q22		7/6/2022	NE	34.21	NA	NA	NA	409.87		0.0	*

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QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 8U											
4Q21	442.07	10/5/2021	NE	31.12	NA	NA	NA	410.95	382.72 - 380.72 (59.35 - 61.35)	0.0	*
1Q22		1/5/2022	NE	33.06	NA	NA	NA	409.01		0.0	*
2Q22		4/5/2022	NE	33.81	NA	NA	NA	408.26		0.0	*
3Q22		7/6/2022	NE	34.55	NA	NA	NA	407.52		0.0	*
P 9U											
4Q21	445.20	10/5/2021	NE	35.72	NA	NA	NA	409.48	344.61 - 342.61 (100.59 - 102.59)	0.0	*
1Q22		1/3/2022	NE	37.48	NA	NA	NA	407.72		0.0	*
2Q22		4/5/2022	NE	38.37	NA	NA	NA	406.83		0.0	*
3Q22		7/6/2022	NE	39.36	NA	NA	NA	405.84		0.0	*
P 11L											
4Q21	442.76	10/5/2021	NE	31.98	NA	NA	NA	410.78	332.55 - 330.55 (110.21 - 112.21)	0.0	*
1Q22		1/5/2022	NE	34.05	NA	NA	NA	408.71		0.0	*
2Q22		4/5/2022	NE	34.74	NA	NA	NA	408.02		0.0	*
3Q22		7/6/2022	NE	35.42	NA	NA	NA	407.34		0.0	*
P 11U											
4Q21	443.38	10/5/2021	NE	32.63	NA	NA	NA	410.75	343.46 - 341.46 (99.92 - 101.92)	0.0	*
1Q22		1/5/2022	NE	34.65	NA	NA	NA	408.73		0.0	*
2Q22		4/5/2022	NE	35.38	NA	NA	NA	408.00		0.0	*
3Q22		7/6/2022	NE	36.02	NA	NA	NA	407.36		0.0	*
P 14											
4Q21	443.01	10/5/2021	NE	29.01	NA	NA	NA	414.00	395.54 - 385.54 (47.47 - 57.47)	0.0	*
1Q22		1/5/2022	NE	31.40	NA	NA	NA	411.61		0.0	*
2Q22		4/5/2022	NE	31.69	NA	NA	NA	411.32		0.0	*
3Q22		7/19/2022	NE	32.09	NA	NA	NA	410.92		0.0	*
P 15											
4Q21	443.88	10/5/2021	NE	30.81	NA	NA	NA	413.07	398.43 - 388.43 (45.45 - 55.45)	0.0	*
1Q22		1/5/2022	NE	32.93	NA	NA	NA	410.95		0.0	*
2Q22		4/5/2022	NE	33.58	NA	NA	NA	410.30		0.0	*
3Q22		7/8/2022	NE	33.98	NA	NA	NA	409.90		0.0	*
P 16											
4Q21	442.84	10/5/2021	NE	29.71	NA	NA	NA	413.13	397.10 - 387.10 (45.74 - 55.74)	0.0	*
1Q22		1/5/2022	NE	31.88	NA	NA	NA	410.96		0.0	*
2Q22		4/5/2022	NE	32.77	NA	NA	NA	410.07		0.0	*
3Q22		7/6/2022	NE	32.86	NA	NA	NA	409.98		0.0	*
P 43											
4Q21	444.62	10/5/2021	NE	33.50	NA	NA	NA	411.12	381.06 - 371.06 (63.56 - 73.56)	0.0	*
1Q22		1/5/2022	NE	35.52	NA	NA	NA	409.10		0.0	*
2Q22		4/5/2022	NE	36.25	NA	NA	NA	408.37		0.0	*
3Q22		7/6/2022	NE	36.81	NA	NA	NA	407.81		0.0	*
P 53											
4Q21	446.57	10/5/2021	NE	38.52	NA	NA	NA	408.05	406.26 - 381.26 (40.31 - 65.31)	0.0	*
1Q22		1/4/2022	NE	39.57	NA	NA	NA	407.00		0.2	*
2Q22		4/4/2022	NE	40.63	NA	NA	NA	405.94		0.0	
3Q22		7/6/2022	NE	38.27	NA	NA	NA	408.30		0.0	*
P 54											
4Q21	442.52	10/5/2021	NE	37.02	NA	NA	NA	405.50	404.52 - 379.52 (38.00 - 63.00)	0.0	*
1Q22		1/3/2022	NE	38.22	NA	NA	NA	404.30		0.0	
2Q22		4/5/2022	NE	39.06	NA	NA	NA	403.46		0.0	
3Q22		7/5/2022	NE	38.19	NA	NA	NA	404.33		0.0	
P 55R											
4Q21	444.01	10/4/2021	36.85	36.99	407.02	407.16	0.14	407.13	403.58 - 393.58 (40.43 - 50.43)	108.5	*
1Q22		1/3/2022	37.44	37.49	406.52	406.57	0.05	406.56		350.1	*
2Q22		4/4/2022	39.01	39.09	404.92	405.00	0.08	404.98		209.5	*
3Q22		7/5/2022	38.60	38.69	405.32	405.41	0.09	405.39		197.6	*
P 56											
4Q21	446.32	10/4/2021	NE	41.54	NA	NA	NA	404.78	405.50 - 380.50 (40.82 - 65.82)	76.1	
1Q22		1/3/2022	NE	42.69	NA	NA	NA	403.63		1.3	
2Q22		4/4/2022	NE	43.66	NA	NA	NA	402.66		4.8	
3Q22		7/5/2022	NE	42.88	NA	NA	NA	403.44		258.7	

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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 57											
4Q21	447.15	10/4/2021	NE	42.36	NA	NA	NA	404.79	402.96 - 392.96 (44.19 - 54.19)	6.0	*
1Q22		1/3/2022	NE	43.52	NA	NA	NA	403.63		117.6	*
2Q22		4/4/2022	NE	44.30	NA	NA	NA	402.85		76.1	
3Q22		7/5/2022	NE	43.53	NA	NA	NA	403.62		125.8	*
P 58											
4Q21	445.16	10/4/2021	40.23	40.24	404.92	404.93	0.01	404.93	404.95 - 379.95 (40.21 - 65.21)	0.1	
1Q22		1/3/2022	NE	41.43	NA	NA	NA	403.73		0.1	
2Q22		4/4/2022	NE	42.10	NA	NA	NA	403.06		0.0	
3Q22		7/5/2022	NE	41.33	NA	NA	NA	403.83		2.0	
P 59											
4Q21	447.07	10/4/2021	NE	42.33	NA	NA	NA	404.74	399.16 - 374.16 (47.91 - 72.91)	147.2	*
1Q22		1/3/2022	NE	43.42	NA	NA	NA	403.65		262.3	*
2Q22		4/4/2022	NE	44.52	NA	NA	NA	402.55		275.2	*
3Q22		7/5/2022	NE	43.73	NA	NA	NA	403.34		349.5	*
P 60											
4Q21	446.88	10/4/2021	NE	41.67	NA	NA	NA	405.21	402.23 - 382.23 (44.65 - 64.65)	7.7	*
1Q22		1/3/2022	NE	42.83	NA	NA	NA	404.05		14.9	*
2Q22		4/4/2022	NE	44.52	NA	NA	NA	402.36		3.5	*
3Q22		7/5/2022	NE	43.29	NA	NA	NA	403.59		0.5	*
P 61											
4Q21	444.66	10/4/2021	40.28	40.30	404.36	404.38	0.02	404.38	398.98 - 373.98 (45.68 - 70.68)	135.9	*
1Q22		1/4/2022	41.22	41.23	403.43	403.44	0.01	403.44		82.0	*
2Q22		4/4/2022	NE	42.54	NA	NA	NA	402.12		74.6	*
3Q22		7/6/2022	NE	41.94	NA	NA	NA	402.72		83.7	*
P 62											
4Q21	442.60	10/4/2021	37.79	37.80	404.80	404.81	0.01	404.81	401.13 - 376.13 (41.47 - 66.47)	60.5	*
1Q22		1/4/2022	38.67	38.70	403.90	403.93	0.03	403.92		12.0	*
2Q22		4/4/2022	39.82	39.84	402.76	402.78	0.02	402.78		22.5	*
3Q22		7/6/2022	39.53	39.55	403.05	403.07	0.02	403.07		40.9	*
P 63											
4Q21	446.06	10/4/2021	41.32	41.33	404.73	404.74	0.01	404.74	398.77 - 373.77 (47.29 - 72.29)	2.8	*
1Q22		1/4/2022	42.35	42.40	403.66	403.71	0.05	403.70		128.5	*
2Q22		4/4/2022	43.38	43.39	402.67	402.68	0.01	402.68		126.1	*
3Q22		7/8/2022	43.44	43.45	402.61	402.62	0.01	402.61		146.7	*
P 64											
4Q21	446.78	10/4/2021	42.55	42.56	404.22	404.23	0.01	404.23	399.55 - 374.55 (47.23 - 72.23)	99.2	*
1Q22		1/4/2022	43.45	43.46	403.32	403.33	0.01	403.33		22.1	*
2Q22		4/4/2022	44.54	44.60	402.18	402.24	0.06	402.23		78.3	*
3Q22		7/5/2022	44.72	44.77	402.01	402.06	0.05	402.05		134.2	*
P 65											
4Q21	444.77	10/4/2021	NE	40.16	NA	NA	NA	404.61	397.75 - 372.75 (47.02 - 72.02)	2.2	*
1Q22		1/4/2022	NE	41.22	NA	NA	NA	403.55		0.4	*
2Q22		4/4/2022	NE	42.12	NA	NA	NA	402.65		1.6	*
3Q22		7/6/2022	NE	42.12	NA	NA	NA	402.65		2.9	*
P 66											
4Q21	437.00	10/6/2021	NE	31.89	NA	NA	NA	405.11	402.28 - 377.28 (34.72 - 59.72)	37.6	*
1Q22		1/5/2022	NE	33.00	NA	NA	NA	404.00		52.5	*
2Q22		4/6/2022	33.63	34.11	402.89	403.37	0.48	403.27		240.1	*
3Q22		7/7/2022	33.00	33.01	403.99	404.00	0.01	404.00		42.6	*
P 67											
4Q21	444.30	10/6/2021	NE	38.03	NA	NA	NA	406.27	402.32 - 377.32 (41.98 - 66.98)	30.9	*
1Q22		1/5/2022	39.33	39.35	404.95	404.97	0.02	404.97		2.3	*
2Q22		4/6/2022	39.93	39.94	404.36	404.37	0.01	404.37		3.5	*
3Q22		7/7/2022	39.49	39.52	404.78	404.81	0.03	404.80		0.0	*
P 68											
4Q21	445.38	10/4/2021	40.28	40.64	404.74	405.10	0.36	405.03	401.62 - 376.62 (43.76 - 68.76)	154.2	*
1Q22		1/4/2022	41.16	41.17	404.21	404.22	0.01	404.22		171.9	*
2Q22		4/4/2022	42.46	42.54	402.84	402.92	0.08	402.90		224.0	*
3Q22		7/7/2022	41.93	42.05	403.33	403.45	0.12	403.43		396.7	*

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TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 69											
4Q21	443.77	10/4/2021	NE	39.11	NA	NA	NA	404.66	402.95 - 377.95 (40.82 - 65.82)	166.0	*
1Q22		1/4/2022	NE	39.98	NA	NA	NA	403.79		47.1	*
2Q22		4/4/2022	NE	41.32	NA	NA	NA	402.45		0.0	
3Q22		7/6/2022	NE	40.79	NA	NA	NA	402.98		309.0	*
P 70											
4Q21	443.11	10/4/2021	NE	38.45	NA	NA	NA	404.66	398.44 - 373.44 (44.67 - 69.67)	213.0	*
1Q22		1/4/2022	39.36	39.40	403.71	403.75	0.04	403.74		265.9	*
2Q22		4/4/2022	NE	40.55	NA	NA	NA	402.56		182.4	*
3Q22		7/6/2022	NE	40.20	NA	NA	NA	402.91		302.8	*
P 71											
4Q21	445.09	10/4/2021	NE	39.81	NA	NA	NA	405.28	402.48 - 377.48 (42.61 - 67.61)	16.2	*
1Q22		1/4/2022	NE	40.56	NA	NA	NA	404.53		35.4	*
2Q22		4/4/2022	NE	41.47	NA	NA	NA	403.62		1.4	*
3Q22		7/6/2022	NE	41.51	NA	NA	NA	403.58		68.7	*
P 72											
4Q21	444.70	10/4/2021	NE	39.49	NA	NA	NA	405.21	398.93 - 373.93 (45.77 - 70.77)	13.6	*
1Q22		1/4/2022	NE	40.36	NA	NA	NA	404.34		2.2	*
2Q22		4/4/2022	NE	41.22	NA	NA	NA	403.48		4.5	*
3Q22		7/6/2022	NE	40.94	NA	NA	NA	403.76		6.5	*
P 73											
4Q21	444.02	10/4/2021	NE	39.84	NA	NA	NA	404.18	402.42 - 377.42 (41.59 - 66.59)	35.6	*
1Q22		1/4/2022	NE	39.76	NA	NA	NA	404.26		16.8	*
2Q22		4/4/2022	NE	41.59	NA	NA	NA	402.43		72.5	*
3Q22		7/6/2022	NE	41.70	NA	NA	NA	402.32		149.4	
P 74											
4Q21	442.93	10/4/2021	NE	38.32	NA	NA	NA	404.61	399.10 - 374.10 (43.83 - 68.83)	6.3	*
1Q22		1/4/2022	NE	39.22	NA	NA	NA	403.71		0.0	*
2Q22		4/4/2022	NE	40.12	NA	NA	NA	402.81		0.0	*
3Q22		7/6/2022	NE	39.87	NA	NA	NA	403.06		0.3	*
P 75											
4Q21	446.68	10/6/2021	NE	41.78	NA	NA	NA	404.90	403.55 - 378.55 (43.13 - 68.13)	43.7	*
1Q22		1/5/2022	NE	43.01	NA	NA	NA	403.67		37.6	*
2Q22		4/6/2022	NE	43.57	NA	NA	NA	403.11		0.0	
3Q22		7/7/2022	NE	42.99	NA	NA	NA	403.69		38.5	*
P 82A											
4Q21	434.94	10/6/2021	NE	25.76	NA	NA	NA	409.18	401.73 - 386.73 (33.21 - 48.21)	0.0	*
1Q22		1/5/2022	NE	27.03	NA	NA	NA	407.91		0.2	*
2Q22		4/6/2022	NE	27.64	NA	NA	NA	407.30		0.0	*
3Q22		7/6/2022	NE	27.12	NA	NA	NA	407.82		0.0	*
P 82B											
4Q21	434.68	10/6/2021	NE	25.47	NA	NA	NA	409.21	371.88 - 369.88 (62.80 - 64.80)	0.0	*
1Q22		1/5/2022	NE	26.86	NA	NA	NA	407.82		0.0	*
2Q22		4/6/2022	NE	27.36	NA	NA	NA	407.32		0.0	*
3Q22		7/6/2022	NE	26.83	NA	NA	NA	407.85		0.0	*
P 82C											
4Q21	434.41	10/6/2021	NE	25.19	NA	NA	NA	409.22	351.64 - 349.64 (82.77 - 84.77)	0.0	*
1Q22		1/5/2022	NE	26.56	NA	NA	NA	407.85		0.0	*
2Q22		4/6/2022	NE	27.06	NA	NA	NA	407.35		0.0	*
3Q22		7/6/2022	NE	26.53	NA	NA	NA	407.88		0.0	*
P 82D											
4Q21	435.09	10/6/2021	NE	25.97	NA	NA	NA	409.12	323.55 - 321.55 (111.54 - 113.54)	0.0	*
1Q22		1/5/2022	NE	27.35	NA	NA	NA	407.74		0.0	*
2Q22		4/6/2022	NE	27.82	NA	NA	NA	407.27		0.0	*
3Q22		7/6/2022	NE	27.30	NA	NA	NA	407.79		0.0	*
P 83A											
4Q21	445.54	10/6/2021	NE	38.77	NA	NA	NA	406.77	398.14 - 383.14 (47.40 - 62.40)	0.0	*
1Q22		1/3/2022	NE	40.08	NA	NA	NA	405.46		0.0	*
2Q22		4/4/2022	NE	40.93	NA	NA	NA	404.61		0.0	*
3Q22		7/5/2022	NE	41.42	NA	NA	NA	404.12		0.0	*

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 83B											
4Q21	445.77	10/6/2021	NE	39.03	NA	NA	NA	406.74	371.97 - 369.97 (73.80 - 75.80)	0.0	*
1Q22		1/3/2022	NE	40.30	NA	NA	NA	405.47		0.0	*
2Q22		4/4/2022	NE	41.17	NA	NA	NA	404.60		0.0	*
3Q22		7/5/2022	NE	41.70	NA	NA	NA	404.07		0.0	*
P 83C											
4Q21	445.95	10/6/2021	NE	39.20	NA	NA	NA	406.75	353.56 - 351.56 (92.39 - 94.39)	0.0	*
1Q22		1/3/2022	NE	40.46	NA	NA	NA	405.49		0.0	*
2Q22		4/4/2022	NE	41.32	NA	NA	NA	404.63		0.0	*
3Q22		7/5/2022	NE	41.84	NA	NA	NA	404.11		0.6	*
P 83D											
4Q21	445.86	10/6/2021	NE	39.17	NA	NA	NA	406.69	312.06 - 310.06 (133.80 - 135.80)	0.0	*
1Q22		1/3/2022	NE	40.45	NA	NA	NA	405.41		0.0	*
2Q22		4/4/2022	NE	41.30	NA	NA	NA	404.56		0.0	*
3Q22		7/5/2022	NE	41.80	NA	NA	NA	404.06		0.0	*
P 84A											
4Q21	446.63	10/5/2021	NE	39.44	NA	NA	NA	407.19	397.71 - 382.71 (48.92 - 63.92)	0.0	*
1Q22		1/4/2022	NE	40.50	NA	NA	NA	406.13		0.1	*
2Q22		4/4/2022	NE	41.60	NA	NA	NA	405.03		0.0	*
3Q22		7/7/2022	NE	41.62	NA	NA	NA	405.01		0.0	*
P 84B											
4Q21	446.35	10/5/2021	NE	39.16	NA	NA	NA	407.19	372.85 - 370.85 (73.50 - 75.50)	0.0	*
1Q22		1/4/2022	NE	40.25	NA	NA	NA	406.10		0.1	*
2Q22		4/5/2022	NE	41.32	NA	NA	NA	405.03		0.0	*
3Q22		7/7/2022	NE	41.36	NA	NA	NA	404.99		0.0	*
P 84C											
4Q21	446.37	10/5/2021	NE	39.17	NA	NA	NA	407.20	352.32 - 350.32 (94.05 - 96.05)	0.0	*
1Q22		1/4/2022	NE	40.26	NA	NA	NA	406.11		0.1	*
2Q22		4/5/2022	NE	41.28	NA	NA	NA	405.09		0.0	*
3Q22		7/7/2022	NE	41.36	NA	NA	NA	405.01		0.0	*
P 84D											
4Q21	446.38	10/5/2021	NE	39.17	NA	NA	NA	407.21	325.55 - 323.55 (120.83 - 122.83)	0.0	*
1Q22		1/4/2022	NE	40.26	NA	NA	NA	406.12		0.1	*
2Q22		4/5/2022	NE	41.27	NA	NA	NA	405.11		0.0	*
3Q22		7/7/2022	NE	41.38	NA	NA	NA	405.00		0.0	*
P 88A											
4Q21	443.27	10/6/2021	NE	31.01	NA	NA	NA	412.26	404.87 - 389.87 (38.40 - 53.40)	0.0	*
1Q22		1/4/2022	NE	32.27	NA	NA	NA	411.00		0.1	*
2Q22		4/6/2022	NE	33.57	NA	NA	NA	409.70		0.0	*
3Q22		7/7/2022	NE	33.11	NA	NA	NA	410.16		0.0	*
P 88B											
4Q21	443.35	10/6/2021	NE	31.07	NA	NA	NA	412.28	371.70 - 369.70 (71.65 - 73.65)	0.0	*
1Q22		1/4/2022	NE	32.33	NA	NA	NA	411.02		0.1	*
2Q22		4/6/2022	NE	33.62	NA	NA	NA	409.73		0.0	*
3Q22		7/7/2022	NE	33.16	NA	NA	NA	410.19		0.0	*
P 88C											
4Q21	443.31	10/6/2021	NE	31.02	NA	NA	NA	412.29	351.01 - 349.01 (92.30 - 94.30)	0.0	*
1Q22		1/4/2022	NE	32.27	NA	NA	NA	411.04		0.0	*
2Q22		4/6/2022	NE	33.56	NA	NA	NA	409.75		0.0	*
3Q22		7/7/2022	NE	33.13	NA	NA	NA	410.18		0.0	*
P 88D											
4Q21	443.38	10/6/2021	NE	31.17	NA	NA	NA	412.21	331.21 - 329.21 (112.17 - 114.17)	0.0	*
1Q22		1/4/2022	NE	32.42	NA	NA	NA	410.96		0.1	*
2Q22		4/6/2022	NE	33.69	NA	NA	NA	409.69		0.0	*
3Q22		7/7/2022	NE	33.23	NA	NA	NA	410.15		0.0	*
P 89B											
4Q21	447.64	10/5/2021	NE	38.87	NA	NA	NA	408.77	370.28 - 368.28 (77.36 - 79.36)	0.0	*
1Q22		1/5/2022	NE	40.52	NA	NA	NA	407.12		0.0	*
2Q22		4/5/2022	NE	41.28	NA	NA	NA	406.36		0.0	*
3Q22		7/6/2022	NE	42.29	NA	NA	NA	405.35		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 89C											
4Q21	447.96	10/5/2021	NE	39.22	NA	NA	NA	408.74	351.56 - 349.56 (96.40 - 98.40)	0.0	*
1Q22		1/5/2022	NE	40.84	NA	NA	NA	407.12		0.0	*
2Q22		4/5/2022	NE	41.61	NA	NA	NA	406.35		0.0	*
3Q22		7/6/2022	NE	42.72	NA	NA	NA	405.24		0.0	*
P 89D											
4Q21	447.83	10/5/2021	NE	39.30	NA	NA	NA	408.53	309.33 - 307.33 (138.50 - 140.50)	0.0	*
1Q22		1/5/2022	NE	40.85	NA	NA	NA	406.98		0.0	*
2Q22		4/5/2022	NE	41.58	NA	NA	NA	406.25		0.0	*
3Q22		7/6/2022	NE	42.84	NA	NA	NA	404.99		0.0	*
P 91A											
4Q21	447.43	10/4/2021	43.95	43.96	403.47	403.48	0.01	403.48	395.92 - 380.92 (51.51 - 66.51)	10.2	*
1Q22		1/4/2022	44.66	44.67	402.76	402.77	0.01	402.77		7.7	*
2Q22		4/5/2022	NE	45.85	NA	NA	NA	401.58		177.6	*
3Q22		7/5/2022	NE	46.26	NA	NA	NA	401.17		6.6	*
P 91B											
4Q21	447.47	10/4/2021	NE	44.07	NA	NA	NA	403.40	372.78 - 370.78 (74.69 - 76.69)	7.4	*
1Q22		1/4/2022	NE	44.79	NA	NA	NA	402.68		0.0	*
2Q22		4/5/2022	NE	45.97	NA	NA	NA	401.50		6.0	*
3Q22		7/5/2022	NE	46.35	NA	NA	NA	401.12		1.8	*
P 91C											
4Q21	447.27	10/4/2021	NE	43.84	NA	NA	NA	403.43	352.54 - 350.54 (94.73 - 96.73)	0.0	*
1Q22		1/4/2022	NE	44.51	NA	NA	NA	402.76		0.0	*
2Q22		4/5/2022	NE	45.71	NA	NA	NA	401.56		0.7	*
3Q22		7/5/2022	NE	46.11	NA	NA	NA	401.16		0.0	*
P 91D											
4Q21	447.26	10/4/2021	NE	43.87	NA	NA	NA	403.39	278.94 - 276.94 (168.32 - 170.32)	0.0	*
1Q22		1/4/2022	NE	44.52	NA	NA	NA	402.74		0.0	*
2Q22		4/5/2022	NE	45.71	NA	NA	NA	401.55		8.2	*
3Q22		7/5/2022	NE	46.12	NA	NA	NA	401.14		0.0	*
P 92A											
4Q21	446.39	10/4/2021	42.19	42.20	404.19	404.20	0.01	404.20	398.82 - 383.82 (47.57 - 62.57)	5.2	*
1Q22		1/4/2022	43.05	43.10	403.29	403.34	0.05	403.33		49.3	*
2Q22		4/4/2022	NE	44.08	NA	NA	NA	402.31		28.0	*
3Q22		7/5/2022	42.21	42.22	404.17	404.18	0.01	404.18		72.0	*
P 92B											
4Q21	446.33	10/4/2021	NE	42.10	NA	NA	NA	404.23	371.92 - 369.92 (74.41 - 76.41)	0.0	*
1Q22		1/4/2022	NE	42.97	NA	NA	NA	403.36		0.0	*
2Q22		4/4/2022	NE	44.01	NA	NA	NA	402.32		0.0	*
3Q22		7/5/2022	NE	44.11	NA	NA	NA	402.22		0.0	*
P 92C											
4Q21	446.34	10/4/2021	NE	42.08	NA	NA	NA	404.26	353.38 - 348.38 (92.96 - 97.96)	0.0	*
1Q22		1/4/2022	NE	42.97	NA	NA	NA	403.37		0.0	*
2Q22		4/4/2022	NE	43.99	NA	NA	NA	402.35		0.0	*
3Q22		7/5/2022	NE	42.88	NA	NA	NA	403.46		0.6	*
P 92D											
4Q21	446.15	10/4/2021	NE	41.08	NA	NA	NA	405.07	305.15 - 303.15 (141.00 - 143.00)	0.0	*
1Q22		1/4/2022	NE	42.87	NA	NA	NA	403.28		0.0	*
2Q22		4/4/2022	NE	43.87	NA	NA	NA	402.28		0.0	*
3Q22		7/5/2022	NE	44.03	NA	NA	NA	402.12		0.0	*
P 93A											
4Q21	445.37	10/4/2021	NE	40.56	NA	NA	NA	404.81	402.30 - 392.30 (43.07 - 53.07)	0.0	*
1Q22		1/3/2022	NE	41.79	NA	NA	NA	403.58		0.0	*
2Q22		4/4/2022	NE	42.47	NA	NA	NA	402.90		0.0	*
3Q22		7/5/2022	NE	41.68	NA	NA	NA	403.69		0.0	*
P 93B											
4Q21	446.70	10/4/2021	NE	41.88	NA	NA	NA	404.82	371.92 - 369.92 (74.78 - 76.78)	0.0	*
1Q22		1/3/2022	NE	43.06	NA	NA	NA	403.64		0.0	*
2Q22		4/4/2022	NE	43.80	NA	NA	NA	402.90		0.0	*
3Q22		7/5/2022	NE	43.05	NA	NA	NA	403.65		0.0	*

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TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 93C											
4Q21	446.55	10/4/2021	NE	41.47	NA	NA	NA	405.08	353.67 - 348.67 (92.88 - 97.88)	0.0	*
1Q22		1/3/2022	NE	42.90	NA	NA	NA	403.65		0.0	*
2Q22		4/4/2022	NE	43.83	NA	NA	NA	402.72		0.0	*
3Q22		7/5/2022	NE	42.88	NA	NA	NA	403.67		0.0	*
P 93D											
4Q21	446.97	10/4/2021	NE	42.09	NA	NA	NA	404.88	321.31 - 319.31 (125.66 - 127.66)	0.0	*
1Q22		1/3/2022	NE	43.28	NA	NA	NA	403.69		0.0	*
2Q22		4/4/2022	NE	44.03	NA	NA	NA	402.94		0.0	*
3Q22		7/5/2022	NE	43.23	NA	NA	NA	403.74		0.0	*
P 94											
4Q21	445.04	10/5/2021	NE	34.70	NA	NA	NA	410.34	398.80 - 383.80 (46.24 - 61.24)	0.0	*
1Q22		1/3/2022	NE	36.49	NA	NA	NA	408.55		0.0	*
2Q22		4/4/2022	NE	37.36	NA	NA	NA	407.68		0.0	*
3Q22		7/5/2022	NE	38.02	NA	NA	NA	407.02		0.0	*
P 95											
4Q21	443.95	10/6/2021	NE	28.93	NA	NA	NA	415.02	407.43 - 392.43 (36.52 - 51.52)	0.0	*
1Q22		1/4/2022	NE	30.18	NA	NA	NA	413.77		0.1	*
2Q22		4/6/2022	NE	31.64	NA	NA	NA	412.31		0.0	*
3Q22		7/7/2022	NE	31.24	NA	NA	NA	412.71		0.0	*
P 102											
4Q21	445.14	10/6/2021	NE	32.29	NA	NA	NA	412.85	402.39 - 382.39 (42.75 - 62.75)	52.8	*
1Q22		1/5/2022	NE	34.26	NA	NA	NA	410.88		1.1	*
2Q22		4/6/2022	NE	35.36	NA	NA	NA	409.78		1.7	*
3Q22		7/7/2022	NE	35.20	NA	NA	NA	409.94		2.5	*
P 114R											
4Q21	429.48	10/5/2021	NE	23.86	NA	NA	NA	405.62	406.47 - 396.47 (23.01 - 33.01)	6.2	
1Q22		1/4/2022	NE	24.88	NA	NA	NA	404.60		10.8	
2Q22		4/5/2022	NE	25.48	NA	NA	NA	404.00		48.4	
3Q22		7/6/2022	NE	24.25	NA	NA	NA	405.23		6.2	
P 115											
4Q21	433.54	10/5/2021	NE	27.88	NA	NA	NA	405.66	401.24 - 381.24 (32.30 - 52.30)	0.0	*
1Q22		1/4/2022	NE	28.97	NA	NA	NA	404.57		0.1	*
2Q22		4/5/2022	NE	29.41	NA	NA	NA	404.13		0.0	*
3Q22		7/6/2022	NE	28.16	NA	NA	NA	405.38		0.0	*
P 116											
4Q21	436.79	10/5/2021	NE	31.37	NA	NA	NA	405.42	399.35 - 379.35 (37.44 - 57.44)	1.7	*
1Q22		1/4/2022	NE	32.44	NA	NA	NA	404.35		0.1	*
2Q22		4/5/2022	NE	32.81	NA	NA	NA	403.98		0.0	*
3Q22		7/6/2022	NE	31.51	NA	NA	NA	405.28		0.0	*
P 117											
4Q21	432.87	10/5/2021	NE	27.62	NA	NA	NA	405.25	399.94 - 379.94 (32.93 - 52.93)	1.2	*
1Q22		1/4/2022	NE	28.69	NA	NA	NA	404.18		0.1	*
2Q22		4/5/2022	NE	29.03	NA	NA	NA	403.84		0.0	*
3Q22		7/6/2022	NE	27.67	NA	NA	NA	405.20		0.0	*
P 118											
4Q21	431.48	10/5/2021	NE	26.65	NA	NA	NA	404.83	400.36 - 384.43 (31.12 - 47.05)	0.0	*
1Q22		1/4/2022	NE	27.66	NA	NA	NA	403.82		0.0	*
2Q22		4/5/2022	NE	27.74	NA	NA	NA	403.74		0.0	*
3Q22		7/6/2022	NE	26.39	NA	NA	NA	405.09		0.0	*
P 119											
4Q21	432.11	10/5/2021	NE	26.11	NA	NA	NA	406.00	401.44 - 385.51 (30.67 - 46.60)	0.1	*
1Q22		1/4/2022	NE	27.03	NA	NA	NA	405.08		0.1	*
2Q22		4/5/2022	NE	27.78	NA	NA	NA	404.33		0.0	*
3Q22		7/6/2022	NE	26.94	NA	NA	NA	405.17		0.0	*
P 120											
4Q21	433.00	10/5/2021	NE	26.25	NA	NA	NA	406.75	401.62 - 385.69 (31.38 - 47.31)	0.2	*
1Q22		1/4/2022	NE	27.58	NA	NA	NA	405.42		0.0	*
2Q22		4/5/2022	NE	27.99	NA	NA	NA	405.01		0.0	*
3Q22		7/6/2022	NE	27.09	NA	NA	NA	405.91		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 129											
4Q21	432.66	10/5/2021	NE	29.28	NA	NA	NA	403.38	400.69 - 384.76 (31.97 - 47.90)	0.0	*
1Q22		1/4/2022	NE	30.12	NA	NA	NA	402.54		0.0	*
2Q22		4/5/2022	NE	29.36	NA	NA	NA	403.30		0.0	*
3Q22		7/6/2022	NE	28.23	NA	NA	NA	404.43		0.0	*
ROST 3 MW											
4Q21	442.52	10/5/2021	NE	36.98	NA	NA	NA	405.54	404.71 - 394.71 (37.81 - 47.81)	0.0	*
1Q22		1/3/2022	NE	38.10	NA	NA	NA	404.42		0.0	
2Q22		4/5/2022	NE	39.12	NA	NA	NA	403.40		31.5	
3Q22		7/5/2022	NE	38.43	NA	NA	NA	404.09		75.6	
ROST 4 PZ											
4Q21	442.15	10/4/2021	NE	36.08	NA	NA	NA	406.07	407.22 - 397.22 (34.93 - 44.93)	1.5	
1Q22		1/3/2022	NE	37.27	NA	NA	NA	404.88		0.2	
2Q22		4/4/2022	NE	38.21	NA	NA	NA	403.94		0.0	
3Q22		7/5/2022	NE	37.93	NA	NA	NA	404.22		0.0	
ROST 4 PZ(A)											
4Q21	442.15	10/4/2021	NE	35.15	NA	NA	NA	407.00	407.38 - 397.38 (34.77 - 44.77)	33.3	
1Q22		1/3/2022	NE	36.34	NA	NA	NA	405.81		0.0	
2Q22		4/4/2022	NE	37.36	NA	NA	NA	404.79		0.0	
3Q22		7/5/2022	NE	36.96	NA	NA	NA	405.19		0.0	
ROST 4 PZ(B)											
4Q21	442.40	10/4/2021	NE	35.95	NA	NA	NA	406.45	407.35 - 397.35 (35.05 - 45.05)	0.0	
1Q22		1/3/2022	NE	37.10	NA	NA	NA	405.30		0.0	
2Q22		4/4/2022	NE	38.22	NA	NA	NA	404.18		0.0	
3Q22		7/5/2022	NE	37.89	NA	NA	NA	404.51		0.0	
ROST 4 PZ(C)											
4Q21	442.97	10/4/2021	NE	37.02	NA	NA	NA	405.95	408.02 - 398.02 (34.95 - 44.95)	0.1	
1Q22		1/3/2022	NE	38.13	NA	NA	NA	404.84		0.1	
2Q22		4/5/2022	NE	39.17	NA	NA	NA	403.80		0.0	
3Q22		7/5/2022	NE	38.81	NA	NA	NA	404.16		0.0	
ROST 4 PZ(D)											
4Q21	442.92	10/4/2021	NE	36.88	NA	NA	NA	406.04	407.95 - 397.95 (34.97 - 44.97)	0.7	
1Q22		1/3/2022	NE	38.03	NA	NA	NA	404.89		0.8	
2Q22		4/5/2022	NE	38.96	NA	NA	NA	403.96		0.0	
3Q22		7/5/2022	NE	38.65	NA	NA	NA	404.27		0.0	
ROST 4 PZ(E)											
4Q21	441.98	10/4/2021	NE	36.14	NA	NA	NA	405.84	407.23-397.23 (34.75-44.75)	1.0	
1Q22		1/3/2022	37.20	37.21	404.77	404.78	0.01	404.78		0.0	Initial gauge.
		1/11/2022	NE	37.09	NA	NA	NA	404.89		0.0	Confirmation gauge.
2Q22		4/4/2022	NE	38.19	NA	NA	NA	403.79		0.0	
3Q22		7/5/2022	NE	37.82	NA	NA	NA	404.16		0.0	
ROST 4 PZ(F)											
4Q21	442.12	10/4/2021	NE	36.40	NA	NA	NA	405.72	407.59 - 397.59 (34.53 - 44.53)	0.1	
1Q22		1/3/2022	NE	37.40	NA	NA	NA	404.72		0.0	
2Q22		4/4/2022	NE	39.41	NA	NA	NA	402.71		0.0	
3Q22		7/5/2022	NE	38.09	NA	NA	NA	404.03		0.0	
ROST 4 PZ(G)											
4Q21	442.20	10/4/2021	NE	36.97	NA	NA	NA	405.23	407.92 - 397.92 (34.28 - 44.28)	108.9	
1Q22		1/3/2022	NE	38.15	NA	NA	NA	404.05		308.5	
2Q22		4/5/2022	NE	39.16	NA	NA	NA	403.04		50.3	
3Q22		7/5/2022	NE	38.46	NA	NA	NA	403.74		0.0	
S 1											
4Q21	444.06	10/4/2021	39.35	39.37	404.69	404.71	0.02	404.71	Unknown	113.8	
1Q22		1/4/2022	40.26	40.28	403.78	403.80	0.02	403.80		61.7	
2Q22		4/4/2022	41.24	41.25	402.81	402.82	0.01	402.82		141.5	
3Q22		7/6/2022	41.02	41.06	403.00	403.04	0.04	403.03		156.6	
T 1											
4Q21	445.61	10/4/2021	NE	39.40	NA	NA	NA	406.21	398.61 - 388.61 (47.00 - 57.00)	0.0	*
1Q22		1/3/2022	NE	40.57	NA	NA	NA	405.04		0.0	*
2Q22		4/4/2022	NE	41.55	NA	NA	NA	404.06		0.0	*
3Q22		7/5/2022	NE	41.22	NA	NA	NA	404.39		0.3	*

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T 2											
4Q21	443.40	10/4/2021	NE	37.54	NA	NA	NA	405.86	392.90 - 372.76 (50.49 - 70.64)	0.0	*
1Q22		1/4/2022	NE	38.56	NA	NA	NA	404.84		0.0	*
2Q22		4/4/2022	NE	39.61	NA	NA	NA	403.79		0.0	*
3Q22		7/5/2022	NE	39.63	NA	NA	NA	403.77		0.0	*
T 3											
4Q21	449.21	10/4/2021	NE	44.46	NA	NA	NA	404.75	403.99 - 388.99 (45.22 - 60.22)	0.0	*
1Q22		1/3/2022	NE	45.76	NA	NA	NA	403.45		0.2	
2Q22		4/4/2022	NE	46.57	NA	NA	NA	402.64		0.0	
3Q22		7/5/2022	NE	46.76	NA	NA	NA	402.45		0.0	
T 4											
4Q21	446.82	10/5/2021	NE	43.38	NA	NA	NA	403.44	396.80 - 381.80 (50.02 - 65.02)	0.3	*
1Q22		1/4/2022	NE	43.86	NA	NA	NA	402.96		0.0	*
2Q22		4/5/2022	NE	44.70	NA	NA	NA	402.12		0.0	*
3Q22		7/5/2022	NE	46.23	NA	NA	NA	400.59		0.0	*
T 5											
4Q21	443.66	10/4/2021	NE	38.36	NA	NA	NA	405.30	395.33 - 378.78 (48.33 - 64.88)	2.1	*
1Q22		1/4/2022	NE	39.37	NA	NA	NA	404.29		1.0	*
2Q22		4/4/2022	NE	40.30	NA	NA	NA	403.36		2.5	*
3Q22		7/6/2022	NE	40.22	NA	NA	NA	403.44		16.8	*
T 6											
4Q21	446.78	10/4/2021	NE	41.99	NA	NA	NA	404.79	394.27 - 380.02 (52.51 - 66.76)	4.2	*
1Q22		1/3/2022	NE	43.22	NA	NA	NA	403.56		0.2	*
2Q22		4/4/2022	NE	43.97	NA	NA	NA	402.81		1.4	*
3Q22		7/5/2022	NE	43.23	NA	NA	NA	403.55		0.0	*
T 7											
4Q21	444.26	10/6/2021	NE	38.06	NA	NA	NA	406.20	395.54 - 380.54 (48.72 - 63.72)	9.5	*
1Q22		1/6/2022	NE	39.26	NA	NA	NA	405.00		2.0	*
2Q22		4/6/2022	NE	39.92	NA	NA	NA	404.34		2.1	*
3Q22		7/7/2022	NE	39.44	NA	NA	NA	404.82		0.0	*
T 12											
4Q21	444.99	10/4/2021	NE	40.10	NA	NA	NA	404.89	398.16 - 372.16 (46.83 - 72.83)	49.1	*
1Q22		1/3/2022	NE	41.99	NA	NA	NA	403.00		3.5	*
2Q22		4/4/2022	NE	42.39	NA	NA	NA	402.60		3.1	*
3Q22		7/5/2022	NE	41.64	NA	NA	NA	403.35		5.7	*
T 13											
4Q21	443.76	10/4/2021	NE	37.21	NA	NA	NA	406.55	399.95 - 373.95 (43.81 - 69.81)	0.0	*
1Q22		1/3/2022	NE	38.78	NA	NA	NA	404.98		0.0	*
2Q22		4/4/2022	NE	39.41	NA	NA	NA	404.35		0.0	*
3Q22		7/5/2022	NE	39.10	NA	NA	NA	404.66		0.0	*
T 15											
4Q21	445.35	10/4/2021	NE	39.21	NA	NA	NA	406.14	396.95 - 370.95 (48.40 - 74.40)	0.0	*
1Q22		1/4/2022	NE	40.31	NA	NA	NA	405.04		0.0	*
2Q22		4/4/2022	NE	41.35	NA	NA	NA	404.00		0.0	*
3Q22		7/5/2022	NE	41.55	NA	NA	NA	403.80		0.0	*
T 17											
4Q21	446.19	10/5/2021	NE	38.02	NA	NA	NA	408.17	401.72 - 375.72 (44.47 - 70.47)	0.1	*
1Q22		1/3/2022	NE	39.53	NA	NA	NA	406.66		0.2	*
2Q22		4/4/2022	NE	40.34	NA	NA	NA	405.85		0.0	*
3Q22		7/5/2022	NE	41.28	NA	NA	NA	404.91		0.0	*
T 19											
4Q21	446.99	10/5/2021	NE	43.42	NA	NA	NA	403.57	396.22 - 370.22 (50.77 - 76.77)	52.7	*
1Q22		1/4/2022	NE	43.91	NA	NA	NA	403.08		2.3	*
2Q22		4/5/2022	NE	44.74	NA	NA	NA	402.25		8.5	*
3Q22		7/5/2022	NE	46.22	NA	NA	NA	400.77		33.8	*
T 21											
4Q21	444.22	10/6/2021	NE	29.15	NA	NA	NA	415.07	412.26 - 386.26 (31.96 - 57.96)	0.0	*
1Q22		1/5/2022	NE	30.91	NA	NA	NA	413.31		0.5	*
2Q22		4/6/2022	NE	31.91	NA	NA	NA	412.31		0.0	*
3Q22		7/7/2022	NE	31.56	NA	NA	NA	412.66		0.0	*

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T 22											
4Q21	442.37	10/6/2021	NE	31.14	NA	NA	NA	411.23	410.82 - 385.12 (31.55 - 57.25)	0.0	*
1Q22		1/5/2022	NE	32.83	NA	NA	NA	409.54		0.2	
2Q22		4/6/2022	NE	33.47	NA	NA	NA	408.90		0.0	
3Q22		7/7/2022	NE	32.87	NA	NA	NA	409.50		0.0	
T 23											
4Q21	432.90	10/6/2021	NE	24.21	NA	NA	NA	408.69	405.67 - 379.67 (27.23 - 53.23)	0.0	*
1Q22		1/5/2022	NE	25.92	NA	NA	NA	406.98		0.0	*
2Q22		4/6/2022	NE	26.05	NA	NA	NA	406.85		0.0	*
3Q22		7/7/2022	NE	25.51	NA	NA	NA	407.39		0.0	*
T 24											
4Q21	444.00	10/4/2021	39.05	39.09	404.91	404.95	0.04	404.94	402.50 - 376.85 (41.50 - 67.15)	0.1	*
1Q22		1/4/2022	39.94	39.99	404.01	404.06	0.05	404.05		16.8	*
2Q22		4/4/2022	41.11	41.24	402.76	402.89	0.13	402.86		0.0	*
3Q22		7/6/2022	NE	40.93	NA	NA	NA	403.07		16.4	*
T 28											
4Q21	444.56	10/4/2021	NE	37.68	NA	NA	NA	406.88	Unknown	0.0	
1Q22		1/3/2022	NE	39.14	NA	NA	NA	405.42		0.0	
2Q22		4/4/2022	NE	39.94	NA	NA	NA	404.62		0.0	
3Q22		7/5/2022	NE	40.64	NA	NA	NA	403.92		0.0	
T 37											
4Q21	447.44	10/5/2021	NE	38.72	NA	NA	NA	408.72	398.58 - 378.58 (48.85 - 68.85)	0.0	*
1Q22		1/5/2022	NE	40.36	NA	NA	NA	407.08		0.0	*
2Q22		4/5/2022	NE	41.10	NA	NA	NA	406.34		0.0	*
3Q22		7/6/2022	NE	42.24	NA	NA	NA	405.20		0.0	*
T 38											
4Q21	445.89	10/5/2021	NE	35.38	NA	NA	NA	410.51	396.75 - 376.75 (49.14 - 69.14)	0.0	*
1Q22		1/5/2022	NE	37.73	NA	NA	NA	408.16		0.0	*
2Q22		4/5/2022	NE	38.39	NA	NA	NA	407.50		0.0	*
3Q22		7/6/2022	NE	38.67	NA	NA	NA	407.22		0.0	*
T 62											
4Q21	432.16	10/5/2021	NE	26.07	NA	NA	NA	406.09	412.45 - 382.45 (19.71 - 49.71)	0.0	
1Q22		1/4/2022	NE	27.02	NA	NA	NA	405.14		0.1	
2Q22		4/5/2022	NE	27.72	NA	NA	NA	404.44		0.0	
3Q22		7/6/2022	NE	26.57	NA	NA	NA	405.59		0.0	
T 63											
4Q21	431.55	10/5/2021	NE	25.75	NA	NA	NA	405.80	411.57 - 381.57 (19.98 - 49.98)	0.0	
1Q22		1/4/2022	NE	26.79	NA	NA	NA	404.76		0.1	
2Q22		4/5/2022	NE	27.32	NA	NA	NA	404.23		0.0	
3Q22		7/6/2022	NE	26.02	NA	NA	NA	405.53		0.0	
T 64											
4Q21	429.10	10/5/2021	NE	23.86	NA	NA	NA	405.24	409.29 - 379.29 (19.81 - 49.81)	0.0	
1Q22		1/4/2022	NE	24.94	NA	NA	NA	404.16		0.0	
2Q22		4/7/2022	NE	25.19	NA	NA	NA	403.91		0.0	
3Q22		7/6/2022	NE	23.67	NA	NA	NA	405.43		0.0	

NOTES:

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

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

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

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

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

6) Table includes comprehensive groundwater monitoring well gauging data for the last 4 quarters from the combined Village of Roxana Interim Groundwater Monitoring Program and the WRB Refining LP Wood River Refinery Program.

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

8) Top of casing and screened interval for the groundwater monitoring wells in the Roxana Interim Groundwater Monitoring Program and the WRR Program were adjusted based on surveying conducted in 2Q19, in accordance with Permit Cond tion 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	38	WRR - North Property
VMP-27	10		20	30	38	WRR - North Property
VMP-28	10		20	30	37	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)

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	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[11]	5	2/22/2022	51.4	0.0	N/A	59.8	0.0	0.0	0.0	0.0	0	0.1	20.7
VMP-1	5	5/2/2022	52.8	2.1	N/A	52.5	5.1	0.0	0.0	0.0	0	0.1	20.0
VMP-1	5	7/28/2022	53.5	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.5	19.7
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	8.5	1/24/2022	64.0	0.0	N/A	54.3	0.0	0.7	0.0	0.0	0	0.1	20.7
VMP-1	8.5	5/2/2022	53.5	1.1	N/A	71.5	1.0	0.0	0.0	0.0	0	0.1	20.3
VMP-1	8.5	7/28/2022	52.4	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.5	19.5
VMP-1	23.5	10/26/2021	66.0	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	0.4	20.3
VMP-1	23.5	1/24/2022	52.1	0.0	N/A	51.3	0.0	0.9	0.0	0.0	0	0.1	20.8
VMP-1	23.5	5/2/2022	60.3	0.9	N/A	52.8	0.7	0.0	0.0	0.0	0	0.1	20.3
VMP-1	23.5	7/28/2022	52.5	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.5	19.6
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-1	38.5	1/24/2022	58.7	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.1	20.8
VMP-1	38.5	5/2/2022	53.7	0.4	N/A	56.5	5.6	0.0	0.0	0.0	0	0.1	19.2
VMP-1	38.5	7/28/2022	53.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.4	19.7
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	5	1/21/2022	55.7	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-2	5	4/28/2022	54.3	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-2	5	7/29/2022	51.8	0.0	N/A	60.3	0.0	0.0	0.0	0.0	0	0.2	19.5
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	8.5	1/21/2022	55.3	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-2	8.5	4/28/2022	56.7	0.1	N/A	53.8	0.0	0.0	0.0	0.0	0	0.2	20.6
VMP-2	8.5	7/29/2022	54.3	0.0	N/A	61.1	0.1	0.0	0.0	0.0	0	0.5	19.6
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	22	1/21/2022	56.7	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.4	20.8
VMP-2	22	4/28/2022	61.1	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	0.3	20.4
VMP-2	22	7/29/2022	65.0	0.1	N/A	64.0	0.1	0.0	0.0	0.0	0	0.8	19.6
VMP-2[8]	42	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2[8]	42	1/21/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2[8]	42	4/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2[8]	42	7/29/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/25/2022	55.8	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-3	5	5/4/2022	55.2	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.6	19.5
VMP-3	5	7/29/2022	53.6	0.0	N/A	50.9	3.0	0.5	0.0	0.0	0	0.2	19.6
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[8]	10	1/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	10	5/4/2022	55.4	1.1	0.0	54.1	1.9	0.0	0.0	0.0	0	0.5	19.6
VMP-3	10	7/29/2022	53.0	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.4	18.5
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	22	1/25/2022	61.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.3	19.9
VMP-3	22	5/4/2022	55.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-3	22	7/29/2022	52.5	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	1.6	18.5
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	31.5	1/25/2022	55.9	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	4.5	16.3
VMP-3	31.5	5/4/2022	57.5	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.3	19.4
VMP-3	31.5	7/29/2022	53.4	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	2.8	16.0
VMP-3[8]	39	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3[8]	39	1/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3[8]	39	5/4/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3[8]	39	7/29/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/19/2022	57.3	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.2	20.3
VMP-4	5	4/27/2022	55.1	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.4	19.7
VMP-4	5	7/28/2022	55.4	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	0.8	20.5
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	12	1/19/2022	52.7	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.5	19.6
VMP-4	12	4/27/2022	50.6	0.0	N/A	59.1	0.0	0.0	0.0	0.0	0	0.8	18.9
VMP-4	12	7/28/2022	60.9	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	2.3	19.5
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	23.5	1/19/2022	53.4	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	3.4	18.6
VMP-4	23.5	4/27/2022	53.1	0.0	N/A	59.8	0.0	0.0	0.0	0.0	0	1.8	18.2
VMP-4	23.5	7/28/2022	60.6	0.0	N/A	61.0	0.0	0.0	0.0	0.0	0	1.4	19.3
VMP-4[8]	39	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4[8]	39	1/19/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4[8]	39	4/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4[8]	39	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	5	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	5	1/19/2022	65.8	0.1	N/A	54.2	0.1	0.0	0.0	0.0	0	0.2	20.2
VMP-5	5	4/28/2022	53.3	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.1	20.5
VMP-5	5	7/25/2022	55.3	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.7	20.0
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	12.5	1/19/2022	51.9	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.5	20.5
VMP-5	12.5	4/28/2022	54.2	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	0.5	20.1
VMP-5	12.5	7/25/2022	54.3	0.0	N/A	56.3	0.1	0.0	0.0	0.0	0	1.5	18.8
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]	31	1/19/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-5	31	4/28/2022	51.1	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	1.5	18.9
VMP-5	31	7/25/2022	53.9	0.1	N/A	50.6	0.0	0.0	0.0	0.0	0	1.7	18.3
VMP-5[8]	40	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-5	40	1/19/2022	52.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	2.1	20.0
VMP-5	40	4/28/2022	51.4	0.0	N/A	52.3	0.0	0.5	0.0	0.0	0	1.6	18.6
VMP-5	40	7/25/2022	53.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.7	18.2
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	5	1/25/2022	57.9	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-6	5	4/28/2022	55.9	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	0.9	20.3
VMP-6	5	7/26/2022	52.0	0.0	N/A	59.1	0.0	0.0	0.0	0.0	0	1.8	16.4
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	10	1/25/2022	67.9	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.7	19.9
VMP-6	10	4/28/2022	50.9	0.0	N/A	62.2	0.1	0.0	0.0	0.0	0	1.2	19.7
VMP-6	10	7/26/2022	51.4	0.0	N/A	61.1	0.0	0.0	0.0	0.0	0	4.2	16.0
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	31.5	1/25/2022	50.9	0.0	N/A	50.9	0.1	0.0	0.0	0.0	0	4.9	17.3
VMP-6	31.5	4/28/2022	51.0	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	3.1	17.8
VMP-6	31.5	7/26/2022	53.3	0.0	N/A	62.2	0.0	0.0	0.0	0.0	0	4.1	16.0
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-6	39	1/25/2022	55.9	0.6	N/A	51.2	0.5	16100	238	7.4	OVR	5.8	17.3
VMP-6	39	4/28/2022	57.5	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	4.2	16.5
VMP-6	39	7/26/2022	51.1	0.0	N/A	63.6	0.0	1574	11.6	0.2	4	4.4	15.4
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	5	1/24/2022	51.5	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.8	20.2
VMP-7	5	5/2/2022	50.2	0.0	N/A	55.4	0.2	0.0	0.0	0.0	0	0.9	19.5
VMP-7	5	7/25/2022	54.5	0.0	N/A	64.5	0.0	0.0	0.0	0.0	0	2.9	16.7
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	13.5	1/24/2022	50.8	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	1.5	19.7
VMP-7	13.5	5/2/2022	57.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	1.2	19.0
VMP-7	13.5	7/25/2022	58.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	2.6	16.8
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	29.5	1/24/2022	50.8	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	3.1	18.3
VMP-7	29.5	5/2/2022	52.3	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	2.6	17.6
VMP-7	29.5	7/25/2022	55.4	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.9	16.5
VMP-7[8]	38	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7[8]	38	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7	38	5/2/2022	50.1	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	2.7	17.5
VMP-7	38	7/25/2022	54.8	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	3.0	19.8
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	5	1/19/2022	52.3	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	0.5	20.1
VMP-8	5	4/27/2022	66.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	17.0
VMP-8	5	7/22/2022	53.7	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	4.3	16.4
VMP-8[8]	9.5	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	9.5	1/19/2022	52.3	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	1.4	19.2
VMP-8	9.5	4/27/2022	56.7	0.0	N/A	57.8	0.0	0.0	0.0	0.0	0	2.3	17.2
VMP-8	9.5	7/22/2022	85.8	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	3.5	16.2
VMP-8[8]	23.5	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	23.5	1/19/2022	50.7	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	3.4	18.4
VMP-8	23.5	4/27/2022	52.7	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	2.8	17.0
VMP-8	23.5	7/22/2022	78.3	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	3.2	16.3
VMP-8[8]	35.5	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	35.5	1/19/2022	52.0	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-8	35.5	4/27/2022	55.2	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.7	12.1
VMP-8	35.5	7/22/2022	72.8	0.2	N/A	50.7	0.2	0.0	0.0	0.0	0	2.8	17.7
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	5	1/19/2022	93.3	0.0	N/A	78.2	0.0	0.0	0.0	0.0	0	0.2	20.5
VMP-9	5	4/27/2022	54.5	0.3	N/A	51.5	0.0	0.0	0.0	0.0	0	0.8	19.1
VMP-9	5	7/22/2022	50.2	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	2.8	17.7

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	11.5	10/22/2021	54.0	0.1	N/A	50.2	0.0	0.0	0.0	0.0	0	1.2	19.2
VMP-9	11.5	1/19/2022	52.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.5	20.0
VMP-9	11.5	4/27/2022	52.6	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.9	19.4
VMP-9	11.5	7/22/2022	53.2	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	2.7	16.8
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	25.5	1/19/2022	59.7	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	2.1	18.8
VMP-9	25.5	4/27/2022	53.2	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.5	18.9
VMP-9	25.5	7/22/2022	53.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.5	17.8
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-9	38.5	1/19/2022	56.0	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	2.8	18.2
VMP-9	38.5	4/27/2022	54.0	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	1.8	18.7
VMP-9	38.5	7/22/2022	53.3	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.6	17.6
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	5	1/26/2022	53.8	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.2	19.7
VMP-10	5	4/29/2022	57.1	0.0	N/A	65.1	0.0	0.0	0.0	0.0	0	0.6	20.0
VMP-10	5	7/27/2022	53.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.8	19.0
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	10	1/26/2022	53.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	19.8
VMP-10	10	4/29/2022	60.9	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	0.3	20.1
VMP-10	10	7/27/2022	53.3	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.9	19.0
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	20	1/26/2022	50.6	0.0	N/A	58.7	0.0	0.0	0.0	0.0	0	0.3	20.0
VMP-10	20	4/29/2022	53.1	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	0.2	20.2
VMP-10	20	7/27/2022	55.2	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	0.7	18.6
VMP-10[8]	30	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-10	30	1/26/2022	52.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.6	19.7
VMP-10	30	4/29/2022	60.6	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-10	30	7/27/2022	54.8	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.6	18.4
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	5	1/19/2022	54.5	0.6	N/A	50.5	0.0	0.0	0.0	0.0	0	0.0	20.2
VMP-11	5	5/4/2022	53.7	1.8	N/A	55.2	0.3	0.0	0.0	0.0	0	0.5	19.6
VMP-11	5	7/28/2022	54.4	0.9	N/A	51.7	2.5	0.3	0.0	0.0	0	1.4	17.3
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	8	1/19/2022	61.2	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	0.1	20.2
VMP-11	8	5/4/2022	51.3	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	0.7	19.0
VMP-11	8	7/28/2022	60.7	0.0	N/A	62.0	0.0	0.0	0.0	0.0	0	2.0	16.7
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]	29	1/19/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	29	5/4/2022	52.3	0.0	N/A	53.3	0.1	0.0	0.0	0.0	0	0.5	19.6
VMP-11	29	7/28/2022	55.3	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.7	18.1
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-11[8]	38	1/19/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	38	5/4/2022	53.7	0.0	N/A	52.9	0.1	0.0	0.0	0.0	0	0.7	19.2
VMP-11	38	7/28/2022	55.2	0.0	N/A	59.5	0.0	0.0	1.2	0.0	0	1.9	15.1
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	5	1/25/2022	61.2	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-12	5	5/4/2022	56.2	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.2	19.1
VMP-12	5	8/1/2022	52.7	0.2	N/A	51.9	0.0	0.0	0.0	0.0	0	0.1	20.1
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	11.5	1/25/2022	54.5	0.0	0.0	55.7	0.0	3.3	0.0	0.0	0	0.6	20.5
VMP-12	11.5	5/4/2022	54.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	2.3	15.9
VMP-12	11.5	8/1/2022	53.8	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	3.3	12.2
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	25	1/25/2022	51.7	2.6	60.7	55.7	2.6	157000	306	62.2	OVR	14.2	0.0
VMP-12	25	5/4/2022	50.2	1.4	27.2	52.9	2.0	119000	279	26.7	OVR	12.0	0.4
VMP-12	25	8/1/2022	53.8	2.7	32	51.6	2.9	153000	268	31.9	OVR	12.1	1.0
VMP-12[8]	39	10/26/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-12[8]	39	1/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-12	39	5/4/2022	58.5	4.1	OVR	56.6	7.2	511000	467	OVR	OVR	12.7	0.1
VMP-12	39	8/1/2022	53.2	8.9	OVR	51.4	9.0	637000	514	OVR	OVR	12.2	1.0
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	5	1/26/2022	67.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.6
VMP-13	5	4/29/2022	56.0	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.1	20.3
VMP-13	5	7/27/2022	52.4	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.7	18.8
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	10.5	1/26/2022	57.8	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-13	10.5	4/29/2022	54.1	0.0	N/A	52.5	0.9	0.0	0.0	0.0	0	0.1	20.3
VMP-13	10.5	7/27/2022	52.5	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.3	19.4

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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	21.5	1/26/2022	58.7	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	0.8	20.3
VMP-13	21.5	4/29/2022	53.7	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.3	20.4
VMP-13	21.5	7/27/2022	53.7	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.2	19.7
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-13	29.5	1/26/2022	58.9	0.0	N/A	59.5	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-13	29.5	5/2/2022	56.2	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.1	20.3
VMP-13[8]	29.5	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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[8]	5	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	5	5/3/2022	50.2	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	0.5	20.2
VMP-14	5	7/27/2022	55.6	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	1.4	17.5
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[8]	11.5	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14[8]	11.5	5/3/2022	52.2	0.0	N/A	51.9	0.3	0.0	0.0	0.0	0	0.5	20.1
VMP-14	11.5	7/27/2022	51.4	0.4	N/A	56.9	0.6	0.0	0.0	0.0	0	1.4	17.6
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	20	1/27/2022	50.1	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	8.1	10.5
VMP-14	20	5/3/2022	52.2	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.8	12.8
VMP-14	20	7/27/2022	56.6	0.0	N/A	55.9	0.0	0.0	0.2	0.0	0	7.4	9.4
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-14	29	1/27/2022	53.3	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	5.6	14.5
VMP-14	29	5/3/2022	50.3	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	4.3	14.8
VMP-14	29	7/27/2022	53.3	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	4.3	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	5	1/24/2022	58.0	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	3.8	13.9
VMP-15	5	5/3/2022	55.8	0.0	N/A	54.6	0.0	0.0	0.1	0.0	0	4.6	11.8
VMP-15	5	7/28/2022	55.7	0.0	N/A	50.7	0.0	0.0	0.5	0.0	0	4.2	5.8
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	21.5	1/24/2022	52.5	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	14.4	2.8
VMP-15	21.5	5/3/2022	51.0	0.0	N/A	52.4	0.0	0.0	0.1	0.0	0	13.0	1.1
VMP-15	21.5	7/28/2022	52.4	0.0	N/A	54.7	0.0	151	0.4	0.0	0	12.9	0.0
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	25.5	1/24/2022	50.7	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	16.1	1.0
VMP-15	25.5	5/3/2022	52.1	0.0	N/A	56.6	0.0	702	1.6	0.0	1	15.1	1.3
VMP-15	25.5	7/28/2022	59.2	0.0	N/A	61.4	0.0	3300	1.5	0.4	9	15.2	0.0
VMP-15[8]	29	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-15[8]	29	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-15	29	5/3/2022	53.4	0.0	N/A	58.9	0.0	21.0	0.2	0.0	0	16.2	0.2
VMP-15[8]	29	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/25/2022	51.1	0.0	N/A	53.3	0.0	49.4	12.5	0.0	0	1.6	19.1
VMP-16	5	5/4/2022	51.6	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	3.8	16.2
VMP-16	5	8/1/2022	53.8	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	16.3	3.0
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	13.5	1/25/2022	53.2	0.0	N/A	55.5	0.0	31580	797	11.3	OVR	15.9	0.0
VMP-16	13.5	5/4/2022	56.8	0.2	N/A	53.3	1.3	153000	335	39.3	OVR	15.8	0.0
VMP-16	13.5	8/1/2022	54.9	6.3	72.1	51.2	7.2	331000	429	83.2	OVR	15.5	1.2
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	19	1/25/2022	55.3	2.4	58.6	50.7	2.3	81150	713	66.7	OVR	16.8	0.0
VMP-16	19	5/4/2022	54.3	5.0	OVR	56.2	4.9	297000	365	OVR	OVR	15.9	0.0
VMP-16	19	8/1/2022	62.5	7.8	OVR	52.3	8.0	423000	462	OVR	OVR	15.6	0.5
VMP-16	31	10/26/2021	52.7	3.4	OVR	68.3	3.5	285000	722	OVR	OVR	17.8	0.6
VMP-16	31	1/25/2022	51.8	3.8	OVR	65.6	4.5	302000	676	OVR	OVR	17.2	0.0
VMP-16	31	5/4/2022	51.1	6.1	OVR	61.8	4.5	407000	506	OVR	OVR	15.4	0.6
VMP-16	31	8/1/2022	52.4	8.9	OVR	50.6	9.1	736000	634	OVR	OVR	15.2	1.3
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-17	5	1/24/2022	56.0	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.0	20.8
VMP-17	5	4/27/2022	53.1	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.5	18.5
VMP-17	5	7/25/2022	53.3	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.2	19.4
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
VMP-18	8.5	1/20/2022	63.7	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-18	8.5	4/27/2022	53.0	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.3	19.4
VMP-18	8.5	7/22/2022	53.0	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	1.5	16.5
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-19	5	1/20/2022	58.7	0.0	N/A	50.7	0.1	8.7	0.0	0.0	0	0.1	20.6
VMP-19	5	5/2/2022	52.9	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.3	19.8
VMP-19	5	7/22/2022	63.8	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.7	19.0

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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	5	1/25/2022	62.5	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	1.5	20.2
VMP-20	5	4/29/2022	52.9	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	2.6	17.9
VMP-20	5	8/1/2022	56.5	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	7.6	11.3
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	10	1/25/2022	85.3	0.0	N/A	60.9	0.0	0.0	0.0	0.0	0	2.7	19.3
VMP-20	10	4/29/2022	55.0	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	3.6	16.3
VMP-20	10	8/1/2022	60.5	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	9.3	9.3
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	25	1/25/2022	53.6	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.2	18.6
VMP-20	25	4/29/2022	54.0	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.1	18.5
VMP-20	25	8/1/2022	58.6	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	3.7	16.4
VMP-20[8]	39.5	11/1/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-20[8]	39.5	1/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-20[8]	39.5	4/29/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-20[8]	39.5	8/1/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/21/2022	52.7	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	1.6	19.8
VMP-21	5	4/29/2022	52.3	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	1.7	17.5
VMP-21	5	7/29/2022	53.8	0.0	N/A	54.0	0.0	0.0	0.6	0.0	0	4.2	13.5
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	10	1/21/2022	52.0	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	5.3	17.2
VMP-21	10	4/29/2022	50.4	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	3.7	16.6
VMP-21	10	7/29/2022	60.7	0.0	N/A	51.2	0.0	0.0	0.5	0.0	0	5.2	12.9
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	25	1/21/2022	52.0	0.0	N/A	58.4	0.0	0.0	0.0	0.0	0	4.7	16.6
VMP-21	25	4/29/2022	52.4	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.9	16.1
VMP-21	25	7/29/2022	54.2	0.0	N/A	55.4	0.0	0.0	0.4	0.0	0	3.6	14.7
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-21	33	1/21/2022	50.4	0.0	N/A	62.9	0.0	0.0	0.0	0.0	0	4.8	15.8
VMP-21	33	4/29/2022	56.8	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	3.9	15.9
VMP-21	33	7/29/2022	55.7	0.0	N/A	58.7	0.0	0.0	0.5	0.0	0	3.3	14.8
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	5	1/27/2022	54.3	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-22[8]	5	5/5/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-22	5	7/26/2022	64.4	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.8	18.3
VMP-22	10	11/1/2021	59.0	0.3	N/A	55.0	0.8	0.0	0.0	0.0	0	0.6	19.8
VMP-22	10	1/27/2022	50.9	0.0	N/A	53.7	0.1	0.0	0.0	0.0	0	0.2	20.8
VMP-22	10	5/5/2022	50.1	0.0	N/A	65.2	0.0	12.5	0.3	0.0	0	3.4	17.2
VMP-22	10	7/26/2022	60.6	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.5	16.5
VMP-22[8]	18	11/1/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-22	18	1/27/2022	50.0	0.0	N/A	54.4	0.1	0.0	0.0	0.0	0	1.1	20.1
VMP-22	18	5/5/2022	53.3	0.0	N/A	64.5	0.0	4.3	0.2	0.0	0	3.8	16.5
VMP-22[8]	18	7/26/2022	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-22	38	1/27/2022	50.9	0.1	N/A	67.8	0.2	0.0	0.0	0.0	0	0.2	20.5
VMP-22	38	5/5/2022	58.9	0.1	N/A	64.4	0.0	0.0	0.0	0.0	0	3.2	17.3
VMP-22[8]	38	7/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/19/2022	51.4	0.0	N/A	55.3	0.1	0.0	0.0	0.0	0	0.4	20.6
VMP-23	5	5/4/2022	56.3	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	1.0	19.5
VMP-23	5	7/25/2022	53.6	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	2.2	18.6
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	10	1/19/2022	53.8	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.5	20.9
VMP-23	10	5/4/2022	53.7	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.7	19.9
VMP-23	10	7/25/2022	52.9	0.2	N/A	52.9	0.0	0.0	0.0	0.0	0	1.9	18.5
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	25	1/19/2022	50.9	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	3.1	19.4
VMP-23	25	5/4/2022	54.2	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.7	18.9
VMP-23	25	7/25/2022	53.0	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.2	17.7
VMP-23[8]	40	10/25/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23[8]	40	1/19/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23	40	5/4/2022	54.6	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	2.6	18.2
VMP-23[8]	40	7/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/28/2022	54.1	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	2.0	19.3
VMP-24	5	5/3/2022	50.2	0.0	N/A	54.4	0.2	0.0	0.0	0.0	0	2.3	18.7
VMP-24	5	7/25/2022	52.6	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	1.6	19.4

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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	10	1/28/2022	50.9	0.1	N/A	64.5	0.2	0.0	0.0	0.0	0	2.2	19.2
VMP-24	10	5/3/2022	52.9	0.0	N/A	52.0	0.5	0.0	0.0	0.0	0	2.9	18.6
VMP-24	10	7/25/2022	52.1	0.4	N/A	68.2	0.2	0.0	0.0	0.0	0	4.2	17.3
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	22	1/28/2022	53.6	0.7	N/A	56.4	1.0	0.2	0.0	0.0	0	0.7	20.6
VMP-24	22	5/3/2022	50.7	0.4	N/A	54.1	1.5	0.0	0.0	0.0	0	0.5	19.7
VMP-24	22	7/25/2022	53.9	0.2	N/A	50.1	0.1	0.0	0.0	0.0	0	3.6	17.5
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-24	34	1/28/2022	55.7	0.0	N/A	62.2	0.0	0.0	0.0	0.0	0	3.0	18.3
VMP-24	34	5/3/2022	52.7	0.0	N/A	62.9	0.0	0.0	0.1	0.0	0	3.6	17.6
VMP-24	34	7/25/2022	60.5	0.6	N/A	57.5	0.5	0.0	0.0	0.0	0	2.5	18.9
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	5	1/24/2022	51.2	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	3.6	5.7
VMP-25	5	5/3/2022	51.7	0.5	19.4	58.5	0.7	87230	434	23.3	OVR	8.3	0.6
VMP-25[11]	5	6/24/2022	55.5	0.0	NM	78.9	0.0	18790	52.4	1.7	34	8.2	0.6
VMP-25	5	7/27/2022	51.9	0.0	N/A	61.7	0.0	9270	7.5	0.8	17	6.8	7.4
VMP-25[8]	9.5	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[8]	9.5	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[8]	9.5	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[8]	9.5	7/27/2022	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[8]	21	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[8]	21	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[8]	21	7/27/2022	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-25[7]	31	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[7]	31	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25[7]	31	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/26/2022	56.4	0.0	N/A	64.3	0.0	0.0	0.0	0.0	0	0.3	20.6
VMP-29	10	5/3/2022	53.8	0.1	N/A	52.4	0.0	0.0	0.0	0.0	0	0.1	20.8
VMP-29	10	7/27/2022	51.9	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.5	19.7
VMP-29	18	10/29/2021	58.0	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.5	20.4
VMP-29	18	1/26/2022	53.9	0.0	N/A	62.1	0.0	0.0	0.0	0.0	0	0.5	20.6
VMP-29	18	5/3/2022	53.7	0.1	N/A	50.0	0.2	0.0	0.0	0.0	0	0.1	20.8
VMP-29	18	7/27/2022	53.3	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.5	19.5
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	26	1/26/2022	56.3	0.0	N/A	59.0	0.0	0.0	0.0	0.0	0	0.8	20.0
VMP-29	26	5/3/2022	53.5	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.1	20.7
VMP-29	26	7/27/2022	51.0	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.5	19.0
VMP-29[8]	40	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29[8]	40	1/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29[8]	40	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29[8]	40	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/26/2022	54.8	0.3	N/A	53.3	0.1	0.0	0.0	0.0	0	0.2	20.6
VMP-30	10	5/3/2022	53.0	0.1	N/A	54.0	0.0	0.0	0.0	0.0	0	0.0	20.7
VMP-30	10	7/27/2022	52.8	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.1	20.2
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	18	1/26/2022	63.9	0.1	N/A	54.6	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-30	18	5/3/2022	52.6	0.0	N/A	50.3	2.7	0.0	0.0	0.0	0	0.1	20.3
VMP-30	18	7/27/2022	52.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.1	19.8
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	26	1/26/2022	68.8	0.1	N/A	51.2	0.1	0.0	0.0	0.0	0	0.6	19.6
VMP-30	26	5/3/2022	53.2	0.0	N/A	52.4	5.2	0.0	0.0	0.0	0	0.1	19.7
VMP-30	26	7/27/2022	54.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.2	19.7
VMP-30[8]	40	10/29/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30[8]	40	1/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30[8]	40	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30[8]	40	7/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	5	1/27/2022	78.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	2.8	18.7
VMP-32	5	4/28/2022	72.5	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	2.0	18.2
VMP-32	5	7/29/2022	54.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.3	15.7
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	10	1/27/2022	78.5	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	2.9	18.5
VMP-32	10	4/28/2022	57.9	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	1.8	18.4
VMP-32	10	7/29/2022	52.6	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	3.8	15.8

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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[8]	20	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	20	4/28/2022	52.4	0.0	N/A	52.5	0.0	2.3	0.5	0.0	0	0.6	19.8
VMP-32	20	7/29/2022	50.9	0.2	N/A	54.4	0.5	0.0	0.0	0.0	0	0.4	19.3
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-32	30	1/27/2022	51.3	0.4	N/A	53.5	0.0	0.0	0.0	0.0	0	1.4	19.4
VMP-32	30	4/28/2022	51.4	1.0	N/A	58.3	2.3	0.0	0.0	0.0	0	0.1	20.1
VMP-32[8]	30	7/29/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/26/2022	52.2	0.0	N/A	62.3	0.0	0.0	0.0	0.0	0	0.3	20.6
VMP-41	10	4/29/2022	53.3	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	0.3	20.0
VMP-41	10	7/27/2022	53.1	0.0	N/A	67.8	0.0	0.0	0.0	0.0	0	1.4	18.8
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[8]	20	1/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-41	20	4/29/2022	57.2	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	0.4	19.9
VMP-41	20	7/27/2022	66.9	0.0	N/A	57.6	0.0	0.0	0.0	0.0	0	1.2	18.1
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-41	26	1/26/2022	64.1	0.0	N/A	61.1	0.0	0.0	0.0	0.0	0	1.4	19.7
VMP-41	26	4/29/2022	53.9	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.7	19.6
VMP-41	26	7/27/2022	67.4	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	1.0	17.9
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	10	1/24/2022	55.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.4	20.7
VMP-42	10	4/28/2022	53.9	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.4	20.1
VMP-42	10	7/28/2022	56.8	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	1.1	19.1
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	20	1/24/2022	54.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	20.1
VMP-42	20	4/28/2022	52.0	0.0	N/A	64.8	0.0	0.0	0.0	0.0	0	0.8	19.6
VMP-42	20	7/28/2022	52.1	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	1.6	18.4
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-42	30	1/24/2022	64.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.4	19.7
VMP-42	30	4/28/2022	59.0	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	1.4	19.5
VMP-42	30	7/28/2022	52.1	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.8	18.0
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	10	1/27/2022	61.6	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.3	20.4
VMP-43	10	5/2/2022	56.0	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-43	10	7/28/2022	54.3	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	0.7	19.5
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	20	1/27/2022	65.3	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	0.5	20.2
VMP-43	20	5/2/2022	51.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.5	20.3
VMP-43	20	7/28/2022	57.9	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	0.9	19.0
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-43	30	1/27/2022	65.9	0.0	N/A	53.2	0.0	0.6	0.0	0.0	0	0.1	20.6
VMP-43	30	5/2/2022	59.7	0.0	N/A	50.1	0.0	3.7	0.0	0.0	0	0.3	20.4
VMP-43	30	7/28/2022	52.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.5	19.5
VMP-44[7]	10	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	10	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	10	4/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	10	7/28/2022	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]	20	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	20	4/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	20	7/28/2022	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
VMP-44[7]	30	1/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	30	4/27/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44[7]	30	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/24/2022	50.8	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.5	20.3
VMP-45	10	5/2/2022	55.2	0.0	N/A	56.3	0.3	0.0	0.0	0.0	0	0.4	19.7
VMP-45	10	7/25/2022	61.5	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	1.3	19.1
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	20	1/24/2022	51.5	0.0	N/A	57.8	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-45	20	5/2/2022	54.0	0.1	N/A	51.4	0.1	0.0	0.0	0.0	0	0.6	19.3
VMP-45	20	7/25/2022	56.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.3	18.8
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-45	30	1/24/2022	54.2	0.3	N/A	55.3	0.4	0.0	0.0	0.0	0	0.3	20.4
VMP-45	30	5/2/2022	53.5	0.3	N/A	50.6	0.6	0.0	0.0	0.0	0	0.3	19.6
VMP-45	30	7/25/2022	55.6	0.6	N/A	65.4	0.6	0.0	0.0	0.0	0	0.5	19.7

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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[9]	5	2/22/2022	50.1	0.0	N/A	50.7	0.1	0.0	0.0	0.0	0	0.1	20.8
VMP-47	5	5/5/2022	53.1	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.5	20.2
VMP-47	5	8/2/2022	51.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.6	18.8
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[9]	10	2/22/2022	53.3	0.0	N/A	60.8	0.0	0.0	0.0	0.0	0	0.6	20.4
VMP-47	10	5/5/2022	52.6	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.9	20.2
VMP-47	10	8/2/2022	54.4	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	1.9	18.2
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	20	1/21/2022	67.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.6	20.5
VMP-47	20	5/5/2022	53.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.8	20.3
VMP-47	20	8/2/2022	51.0	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	2.2	17.9
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-47	30	1/21/2022	70.6	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	2.0	20.0
VMP-47	30	5/5/2022	52.7	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.9	20.3
VMP-47	30	8/2/2022	52.1	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	1.1	18.7
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	5	1/21/2022	52.7	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.5	20.1
VMP-48	5	4/29/2022	50.2	0.0	N/A	63.5	0.0	0.0	0.0	0.0	0	1.4	19.0
VMP-48	5	7/29/2022	53.7	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	3.2	16.0
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[8]	10	1/21/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-48	10	4/29/2022	53.7	0.0	N/A	62.3	0.0	0.0	0.0	0.0	0	1.0	19.4
VMP-48	10	7/29/2022	52.8	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.3	17.6
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	20	1/21/2022	54.7	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	1.9	19.1
VMP-48	20	4/29/2022	54.4	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.9	19.8
VMP-48	20	7/29/2022	55.7	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	2.1	17.8
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-48[8]	30	1/21/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-48	30	4/29/2022	52.9	0.7	N/A	52.1	0.0	0.0	0.0	0.0	0	2.5	18.9
VMP-48	30	7/29/2022	52.9	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	2.2	17.4
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	5	1/21/2022	53.3	0.0	N/A	51.3	0.1	0.0	0.0	0.0	0	0.7	19.8
VMP-49	5	5/4/2022	54.9	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.9	19.8
VMP-49	5	8/1/2022	52.7	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	1.4	18.3
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	10	1/21/2022	51.8	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.8	19.6
VMP-49	10	5/4/2022	55.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.3	19.3
VMP-49	10	8/1/2022	61.5	0.0	N/A	70.1	0.0	0.0	0.0	0.0	0	2.4	16.7
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	20	1/21/2022	53.7	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-49	20	5/4/2022	53.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.2	19.2
VMP-49	20	8/1/2022	53.8	0.1	N/A	56.9	0.2	0.0	0.0	0.0	0	2.6	16.4
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
VMP-49	30	1/21/2022	62.8	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	0.6	20.3
VMP-49	30	5/4/2022	53.8	0.5	N/A	54.3	0.1	0.0	0.0	0.0	0	0.6	20.0
VMP-49	30	8/1/2022	52.2	0.7	N/A	54.8	5.5	0.0	0.0	0.0	0	0.4	20.0
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	5	1/20/2022	50.9	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.8	20.2
VMP-50	5	5/5/2022	56.5	0.0	N/A	65.9	0.0	0.0	0.0	0.0	0	1.5	18.6
VMP-50	5	7/26/2022	66.9	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	6.4	12.3
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	10	1/20/2022	50.2	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	3.2	19.0
VMP-50	10	5/5/2022	61.1	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	2.2	18.2
VMP-50	10	7/26/2022	61.0	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	5.5	13.8
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	20	1/20/2022	52.6	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	3.3	18.1
VMP-50	20	5/5/2022	52.7	0.0	N/A	63.4	0.0	1.6	0.0	0.0	0	3.0	16.9
VMP-50	20	7/26/2022	54.3	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	3.2	16.1
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-50	30	1/20/2022	51.7	0.0	N/A	65.7	0.0	19.4	1.8	0.0	0	2.6	20.1
VMP-50	30	5/5/2022	59.6	0.0	N/A	69.3	0.0	50.6	8.2	0.0	0	1.9	19.0
VMP-50	30	7/26/2022	72.3	0.0	N/A	58.9	0.0	25.1	3.9	0.0	0	2.2	17.9
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	5	1/27/2022	53.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-51	5	4/28/2022	51.6	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	20.1
VMP-51	5	7/25/2022	52.7	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.5	19.2

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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	10	1/27/2022	53.1	0.1	N/A	56.3	0.0	0.0	0.0	0.0	0	0.7	20.4
VMP-51	10	4/28/2022	52.6	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	0.6	19.4
VMP-51	10	7/25/2022	52.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.2	18.3
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	20	1/27/2022	55.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.1	19.7
VMP-51	20	4/28/2022	54.1	0.0	N/A	57.5	0.0	0.0	0.0	0.0	0	1.2	18.8
VMP-51	20	7/25/2022	51.6	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	1.8	18.4
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-51	30	1/27/2022	56.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	3.1	18.8
VMP-51	30	4/28/2022	58.3	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	2.0	18.5
VMP-51	30	7/25/2022	51.4	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	2.0	18.2
VMP-52	5	11/2/2021	53.0	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.6	20.0
VMP-52	5	1/27/2022	55.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.5	20.8
VMP-52	5	4/28/2022	64.0	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.1	18.8
VMP-52[8]	5	7/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/27/2022	52.2	0.0	N/A	59.0	0.0	0.0	0.0	0.0	0	4.7	18.3
VMP-52	10	4/28/2022	58.7	0.0	N/A	50.0	0.0	0.5	0.5	0.0	0	1.8	18.1
VMP-52[8]	10	7/26/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	20	1/27/2022	53.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.1	16.5
VMP-52	20	4/28/2022	51.7	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	3.9	15.9
VMP-52	20	7/26/2022	53.1	0.0	N/A	65.9	0.0	0.0	0.0	0.0	0	4.1	15.7
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-52	30	1/27/2022	57.4	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	3.9	16.5
VMP-52	30	4/28/2022	52.5	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	4.0	15.7
VMP-52	30	7/26/2022	52.0	0.0	N/A	61.5	0.0	0.0	0.0	0.0	0	4.0	15.6
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	5	1/19/2022	55.9	0.0	N/A	56.9	0.0	0.0	0.0	0.0	0	0.4	20.3
VMP-53	5	4/27/2022	61.0	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	0.7	19.5
VMP-53	5	7/22/2022	53.7	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	3.2	16.8
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	10	1/19/2022	57.3	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.4	20.2
VMP-53	10	4/27/2022	52.9	0.0	N/A	59.0	0.0	0.0	0.0	0.0	0	0.5	19.7
VMP-53	10	7/22/2022	53.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	2.4	17.2
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	20	1/19/2022	56.9	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.7	19.9
VMP-53	20	4/27/2022	52.5	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	1.0	19.1
VMP-53	20	7/22/2022	59.1	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	1.7	17.7
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
VMP-53	30	1/19/2022	64.8	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	2.0	19.1
VMP-53	30	4/27/2022	52.4	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	1.7	18.8
VMP-53	30	7/22/2022	53.1	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	1.7	17.8
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	5	1/19/2022	54.5	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.6	19.3
VMP-54	5	4/27/2022	55.8	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	2.4	17.6
VMP-54	5	7/22/2022	72.3	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.9	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	10	1/19/2022	53.8	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	2.7	18.6
VMP-54	10	4/27/2022	51.6	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	2.2	17.6
VMP-54	10	7/22/2022	54.1	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	2.9	16.3
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	20	1/19/2022	56.0	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	3.9	16.8
VMP-54	20	4/27/2022	50.7	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	2.7	16.1
VMP-54	20	7/22/2022	68.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.8	15.7
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-54	30	1/19/2022	51.7	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.7	20.3
VMP-54	30	4/27/2022	66.6	0.0	N/A	54.3	0.1	0.0	0.0	0.0	0	2.0	17.5
VMP-54	30	7/22/2022	64.8	0.5	N/A	54.2	0.3	0.0	0.0	0.0	0	3.2	17.0
VMP-55[8]	5	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	5	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	5	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	5	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	10	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	10	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	10	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	10	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-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	20	1/24/2022	51.6	1.1	21.1	51.2	1.1	140000	394	49.2	OVR	17.4	0.0
VMP-55	20	5/3/2022	58.7	2.1	54.0	53.3	2.7	235000	555	83.9	OVR	15.6	0.3
VMP-55	20	7/28/2022	53.2	0.0	N/A	64.7	0.0	13600	150	1.4	28	13.9	0.0
VMP-55[8]	30	10/27/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	30	1/24/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	30	5/3/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55[8]	30	7/28/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	10	1/25/2022	51.6	0.1	N/A	53.9	0.0	0.0	0.0	0.0	0	0.4	20.8
VMP-56	10	5/4/2022	54.7	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	0.6	20.6
VMP-56	10	8/1/2022	55.0	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	0.6	19.6
VMP-56	25	10/22/2021	63.0	0.1	N/A	58.5	0.0	0.0	0.0	0.0	0	0.5	20.2
VMP-56	25	1/25/2022	58.7	0.0	N/A	61.6	0.0	0.0	0.0	0.0	0	0.5	20.5
VMP-56	25	5/4/2022	54.2	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.0	20.1
VMP-56	25	8/1/2022	55.8	0.0	N/A	60.6	0.0	0.0	0.0	0.0	0	1.2	18.1
VMP-56[8]	38.5	10/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56[8]	38.5	1/25/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	38.5	5/4/2022	53.2	8.0	OVR	50.3	3.1	126000	1112	OVR	OVR	0.5	19.6
VMP-56	38.5	8/1/2022	56.7	0.1	N/A	58.1	0.1	202000	1137	OVR	OVR	0.7	17.8
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	5	1/20/2022	62.9	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.8	20.4
VMP-62	5	5/5/2022	53.9	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	1.7	18.7
VMP-62	5	8/2/2022	53.3	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	6.5	12.8
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	10	1/20/2022	55.4	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	1.5	19.7
VMP-62	10	5/5/2022	53.3	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	1.7	18.7
VMP-62	10	8/2/2022	50.5	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	5.4	14.2
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[8]	20	1/20/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-62	20	5/5/2022	52.9	0.4	N/A	52.7	0.0	0.0	0.0	0.0	0	1.4	19.1
VMP-62	20	8/2/2022	56.0	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	4.7	14.9
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
VMP-62	30	1/20/2022	54.4	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.9	19.5
VMP-62	30	5/5/2022	53.2	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.5	19.2
VMP-62	30	8/2/2022	53.1	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	2.1	17.5
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	5	1/24/2022	72.1	0.0	N/A	60.3	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-63	5	5/2/2022	50.8	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-63	5	7/29/2022	53.0	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	1.0	19.7
VMP-63	10	10/26/2021	65.0	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.8	20.7
VMP-63	10	1/24/2022	57.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.3	20.5
VMP-63	10	5/2/2022	56.8	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.5	19.9
VMP-63	10	7/29/2022	53.6	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	1.3	19.4
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	20	1/24/2022	78.9	0.0	N/A	60.7	0.0	0.0	0.0	0.0	0	0.6	20.6
VMP-63	20	5/2/2022	50.2	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-63	20	7/29/2022	50.7	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	1.7	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-63	30	1/24/2022	64.1	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	1.3	20.3
VMP-63	30	5/2/2022	59.1	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.6	20.1
VMP-63	30	7/29/2022	53.4	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.1	19.2

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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-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	5	1/21/2022	68.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.6	20.5
VMP-64	5	5/5/2022	54.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.5	20.2
VMP-64	5	8/1/2022	52.9	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	1.2	15.0
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	10	1/21/2022	66.3	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	3.4	18.8
VMP-64	10	5/5/2022	54.5	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.7	19.0
VMP-64	10	8/1/2022	55.5	0.0	N/A	51.1	0.0	0.8	0.1	0.0	0	2.4	14.8
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	20	1/21/2022	53.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.5	17.3
VMP-64	20	5/5/2022	53.7	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	2.8	18.2
VMP-64	20	8/1/2022	51.8	0.0	N/A	61.6	0.0	0.0	0.0	0.0	0	2.4	16.9
VMP-64[8]	28	11/1/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64[8]	28	1/21/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64[8]	28	5/5/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64[8]	28	8/1/2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. OVR is used to indicate a reading over range for the FID, PID, or Landtec.
2. N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., CH_4 on Tedlar® Bag 1 if helium in Bag was minimal).
3. NM is used to indicate that a reading was not measured.
4. NS is used to indicate that a reading was not collected because the port could not be sampled.
5. FID readings were taken with a TVA-2020. When oxygen concentrations were <14%, or when the sample put the flame out, a dilution tip was used when analyzing samples with the FID.
   The dilution tip introduces ambient air in a 10:1 ratio to the sample, which requires the sample readings to be multiplied by 10 to get the actual value.
   The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
6. Negative readings on the FID are recorded as zero.
7. VMP not sampled due to port integrity.
8. VMP not sampled because screen submerged below water table or a temporary water condition.
9. VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.
10. VMP not sampled because vehicle was consistently parked on well vault.
11. 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 (EDB)	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
Trichloroflouromethane (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.

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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	VMP-1-5-102621	10/26/2021	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		**0.0055**	J		< 0.024	U	
VMP-1	5	VMP-1-5-022222	2/22/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-1	5	VMP-1-5-050222	5/2/2022	< 0.0036	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-1	5	VMP-1-5-072822	7/28/2022	< 0.0038	U		< 0.0080	U		< 0.012	U		< 0.011	U		< 0.0076	U		< 0.0055	U		< 0.0058	U		< 0.025	U	
VMP-1	8.5	VMP-1-8.5-102621	10/26/2021	< 0.0040	U		< 0.0085	U		< 0.013	U		< 0.012	U		< 0.0080	U		< 0.0058	U		**0.0058**	J		< 0.026	U	
VMP-1	8.5	VMP-1-8.5-012422	1/24/2022	< 0.0036	U		< 0.0076	U		**0.0026**	J	J	< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-1	8.5	VMP-1-8.5-050222	5/2/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-1	8.5	VMP-1-8.5-072822	7/28/2022	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		**0.0022**	J		< 0.024	U	
VMP-1	23.5	VMP-1-23.5-102621	10/26/2021	< 0.0040	U		< 0.0085	U		< 0.013	U		**0.016**			< 0.0080	U		< 0.0058	U		**0.0056**	J		< 0.026	U	
VMP-1	23.5	VMP-1-23.5-012422	1/24/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-1	23.5	VMP-1-23.5-012422-DUP	1/24/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-1	23.5	VMP-1-23.5-050222	5/2/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-1	23.5	VMP-1-23.5-072822	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-1	38.5	VMP-1-38.5-102621	10/26/2021	< 0.0040	U		< 0.0083	U		< 0.013	U		< 0.012	U		< 0.0078	U		< 0.0057	U		**0.0050**	J		< 0.026	U	
VMP-1	38.5	VMP-1-38.5-012422	1/24/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-1	38.5	VMP-1-38.5-050222	5/2/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-1	38.5	VMP-1-38.5-072822	7/28/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-2	5	VMP-2-5-102521	10/25/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-2	5	VMP-2-5-012122	1/21/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-2	5	VMP-2-5-042822	4/28/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-2	5	VMP-2-5-072922	7/29/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		**0.0036**	J		< 0.023	U	
VMP-2	8.5	VMP-2-8.5-102521	10/25/2021	**0.0016**	J		**0.0026**	J		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.0049**	J		< 0.022	U	
VMP-2	8.5	VMP-2-8.5-012122	1/21/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-2	8.5	VMP-2-8.5-042822	4/28/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		**0.0043**	J		< 0.02	U	
VMP-2	8.5	VMP-2-8.5-042822-DUP	4/28/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		**0.0042**	J		< 0.021	U	
VMP-2	8.5	VMP-2-8.5-072922	7/29/2022	< 0.0035	U		**0.0071**	J		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.042**			< 0.022	U	
VMP-2	22	VMP-2-22-102521	10/25/2021	< 0.0034	U		**0.0058**	J		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		**0.012**			< 0.022	U	
VMP-2	22	VMP-2-22-012122	1/21/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		**0.0021**	J		< 0.021	U	
VMP-2	22	VMP-2-22-042822	4/28/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		**0.0034**	J		< 0.023	U	
VMP-2	22	VMP-2-22-072922	7/29/2022	< 0.0035	U		**0.0072**	J		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.024**			< 0.022	U	
VMP-3	5	VMP-3-5-102721	10/27/2021	**0.0021**	J		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-3	5	VMP-3-5-012522	1/25/2022	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-3	5	VMP-3-5-050422	5/4/2022	**0.0016**	J		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-3	5	VMP-3-5-072922	7/29/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		**0.0031**	J		< 0.023	U	
VMP-3	10	VMP-3-10-102721	10/27/2021	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-3	10	VMP-3-10-050422	5/4/2022	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-3	10	VMP-3-10-050422-DUP	5/4/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-3	10	VMP-3-10-072922	7/29/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		**0.013**			< 0.024	U	
VMP-3	10	VMP-3-10-072922-DUP	7/29/2022	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		**0.014**			< 0.024	U	
VMP-3	22	VMP-3-22-102721	10/27/2021	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.0065**			< 0.022	U	
VMP-3	22	VMP-3-22-012522	1/25/2022	< 0.0030	U		< 0.0064	U		< 0.0099	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		**0.0062**			< 0.02	U	
VMP-3	22	VMP-3-22-050422	5/4/2022	< 0.0039	U		< 0.0082	U		< 0.013	U		< 0.012	U		< 0.0077	U		< 0.0057	U		< 0.0060	U		< 0.025	U	
VMP-3	22	VMP-3-22-072922	7/29/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0053	U		**0.0040**	J		< 0.024	U	
VMP-3	31.5	VMP-3-31.5-102721	10/27/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-3	31.5	VMP-3-31.5-012522	1/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-3	31.5	VMP-3-31.5-012522-DUP	1/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-3	31.5	VMP-3-31.5-050422	5/4/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-3	31.5	VMP-3-31.5-072922	7/29/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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	VMP-4-5-102521	10/25/2021	< 0.0031	U		< 0.0064	U		< 0.0099	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U	
VMP-4	5	VMP-4-5-011922	1/19/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-4	5	VMP-4-5-042722	4/27/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-4	5	VMP-4-5-072822	7/28/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-4	12	VMP-4-12-102521	10/25/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		0.0042	J		< 0.021	U	
VMP-4	12	VMP-4-12-011922	1/19/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-4	12	VMP-4-12-042722	4/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-4	12	VMP-4-12-072822	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-4	23.5	VMP-4-23.5-102521	10/25/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		0.0089			< 0.021	U	
VMP-4	23.5	VMP-4-23.5-011922	1/19/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.0050	J		< 0.022	U	
VMP-4	23.5	VMP-4-23.5-042722	4/27/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-4	23.5	VMP-4-23.5-072822	7/28/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		0.0070		J	< 0.024	U	
VMP-5	5	VMP-5-5-102521	10/25/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-5	5	VMP-5-5-011922	1/19/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-5	5	VMP-5-5-042822	4/28/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-5	5	VMP-5-5-072522	7/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U	UJ	< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-5	12.5	VMP-5-12.5-102521	10/25/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-5	12.5	VMP-5-12.5-102521-DUP	10/25/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-5	12.5	VMP-5-12.5-011922	1/19/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-5	12.5	VMP-5-12.5-042822	4/28/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-5	12.5	VMP-5-12.5-072522	7/25/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U	UJ	< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-5	12.5	VMP-5-12.5-072522-DUP	7/25/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-5	31	VMP-5-31-102521	10/25/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.0036	J		< 0.022	U	
VMP-5	31	VMP-5-31-042822	4/28/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		0.0026	J		< 0.023	U	
VMP-5	31	VMP-5-31-072522	7/25/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U	UJ	< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U	
VMP-5	40	VMP-5-40-011922	1/19/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0069			< 0.022	U	
VMP-5	40	VMP-5-40-042822	4/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0020	J		< 0.022	U	
VMP-5	40	VMP-5-40-072522	7/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U	UJ	< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-6	5	VMP-6-5-102521	10/25/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-6	5	VMP-6-5-012522	1/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-6	5	VMP-6-5-042822	4/28/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-6	5	VMP-6-5-072622	7/26/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-6	10	VMP-6-10-102521	10/25/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		0.0031	J		< 0.021	U	
VMP-6	10	VMP-6-10-012522	1/25/2022	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U	
VMP-6	10	VMP-6-10-042822	4/28/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-6	10	VMP-6-10-042822-DUP	4/28/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-6	10	VMP-6-10-072622	7/26/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0037	J		< 0.022	U	
VMP-6	31.5	VMP-6-31.5-102521	10/25/2021	< 0.0030	U		< 0.0064	U		< 0.0098	U		< 0.0090	U		< 0.0060	U		< 0.0044	U		0.0055			< 0.02	U	
VMP-6	31.5	VMP-6-31.5-012522	1/25/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0032	J		< 0.022	U	
VMP-6	31.5	VMP-6-31.5-042822	4/28/2022	0.0013	J		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-6	31.5	VMP-6-31.5-072622	7/26/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0057	U		< 0.024	U	
VMP-6	39	VMP-6-39-102521	10/25/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-6	39	VMP-6-39-012522	1/25/2022	0.49	J		< 1.5	U		< 2.4	U		140			< 1.4	U		< 1	U		< 1.1	U		< 1.9	U	
VMP-6	39	VMP-6-39-042822	4/28/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-6	39	VMP-6-39-072622	7/26/2022	0.027	J		< 0.14	U		< 0.22	U		< 0.2	U		< 0.13	U		< 0.098	U		< 0.1	U		< 0.44	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-7	5	VMP-7-5-102721	10/27/2021	**0.0012**	**J**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-7	5	VMP-7-5-012422	1/24/2022	< 0.0037	**U**		< 0.0077	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0073	**U**		**0.0035**	**J**		< 0.0056	**U**		< 0.024	**U**	
VMP-7	5	VMP-7-5-050222	5/2/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-7	5	VMP-7-5-072522	7/25/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0067	**U**		< 0.0049	**U**		**0.0025**	**J**		< 0.022	**U**	
VMP-7	13.5	VMP-7-13.5-102721	10/27/2021	< 0.0032	**U**		< 0.0067	**U**		< 0.01	**U**		< 0.0095	**U**		< 0.0063	**U**		< 0.0046	**U**		**0.0031**	**J**		< 0.021	**U**	
VMP-7	13.5	VMP-7-13.5-012422	1/24/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		**0.0030**	**J**		< 0.022	**U**	
VMP-7	13.5	VMP-7-13.5-050222	5/2/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		**0.0024**	**J**		< 0.022	**U**	
VMP-7	13.5	VMP-7-13.5-072522	7/25/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0068	**U**		< 0.0050	**U**		**0.0037**	**J**		< 0.022	**U**	
VMP-7	13.5	VMP-7-13.5-072522-DUP	7/25/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0069	**U**		< 0.0051	**U**		**0.0031**	**J**		< 0.023	**U**	
VMP-7	29.5	VMP-7-29.5-102721	10/27/2021	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		**0.0021**	**J**		< 0.02	**U**	
VMP-7	29.5	VMP-7-29.5-102721-DUP	10/27/2021	< 0.0032	**U**		< 0.0066	**U**		< 0.01	**U**		< 0.0094	**U**		< 0.0062	**U**		< 0.0046	**U**		**0.0020**	**J**		< 0.02	**U**	
VMP-7	29.5	VMP-7-29.5-012422	1/24/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		**0.059**		**J**	**0.0031**	**J**		< 0.023	**U**	
VMP-7	29.5	VMP-7-29.5-012422-DUP	1/24/2022	< 0.0040	**U**		< 0.0084	**U**		< 0.013	**U**		< 0.012	**U**		< 0.0079	**U**		< 0.0058	**U**	**UJ**	**0.0027**	**J**		< 0.026	**U**	
VMP-7	29.5	VMP-7-29.5-050222	5/2/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		**0.0033**	**J**		< 0.021	**U**	
VMP-7	29.5	VMP-7-29.5-050222-DUP	5/2/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0047	**U**		**0.0036**	**J**		< 0.021	**U**	
VMP-7	29.5	VMP-7-29.5-072522	7/25/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0067	**U**		< 0.0049	**U**		**0.0036**	**J**		< 0.022	**U**	
VMP-7	38	VMP-7-38-050222	5/2/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0052	**U**		**0.0034**	**J**		< 0.023	**U**	
VMP-7	38	VMP-7-38-072522	7/25/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0070	**U**		< 0.0051	**U**		**0.0040**	**J**		< 0.023	**U**	
VMP-8	5	VMP-8-5-102921	10/29/2021	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-8	5	VMP-8-5-011922	1/19/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-8	5	VMP-8-5-042722	4/27/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-8	5	VMP-8-5-072222	7/22/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0052	**U**		**0.0060**			< 0.023	**U**	
VMP-8	9.5	VMP-8-9.5-011922	1/19/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-8	9.5	VMP-8-9.5-042722	4/27/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-8	9.5	VMP-8-9.5-042722-DUP	4/27/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-8	9.5	VMP-8-9.5-072222	7/22/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		**0.0043**	**J**		< 0.023	**U**	
VMP-8	23.5	VMP-8-23.5-011922	1/19/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-8	23.5	VMP-8-23.5-042722	4/27/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-8	23.5	VMP-8-23.5-072222	7/22/2022	< 0.0033	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.021	**U**	
VMP-8	23.5	VMP-8-23.5-072222-DUP	7/22/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-8	35.5	VMP-8-35.5-011922	1/19/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-8	35.5	VMP-8-35.5-042722	4/27/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-8	35.5	VMP-8-35.5-072222	7/22/2022	< 0.0037	**U**		< 0.0078	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0074	**U**		< 0.0054	**U**		**0.025**			< 0.024	**U**	
VMP-9	5	VMP-9-5-102221	10/22/2021	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		**0.0029**	**J**		< 0.022	**U**	
VMP-9	5	VMP-9-5-011922	1/19/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-9	5	VMP-9-5-042722	4/27/2022	< 0.0052	**U**		< 0.011	**U**		< 0.017	**U**		< 0.016	**U**		< 0.01	**U**		< 0.0076	**U**		< 0.0080	**U**		< 0.034	**U**	
VMP-9	5	VMP-9-5-072222	7/22/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-9	11.5	VMP-9-11.5-102221	10/22/2021	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		**0.0047**	**J**		< 0.022	**U**	
VMP-9	11.5	VMP-9-11.5-011922	1/19/2022	< 0.0032	**U**		< 0.0066	**U**		< 0.01	**U**		< 0.0094	**U**		< 0.0062	**U**		< 0.0046	**U**		**0.0024**	**J**		< 0.02	**U**	
VMP-9	11.5	VMP-9-11.5-042722	4/27/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		**0.0036**	**J**		< 0.021	**U**	
VMP-9	11.5	VMP-9-11.5-072222	7/22/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		**0.0011**	**J**		**0.027**			< 0.023	**U**	
VMP-9	25.5	VMP-9-25.5-102221	10/22/2021	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		**0.0034**	**J**		< 0.022	**U**	
VMP-9	25.5	VMP-9-25.5-011922	1/19/2022	< 0.0038	**U**		< 0.0079	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0074	**U**		< 0.0054	**U**		**0.0032**	**J**		< 0.024	**U**	
VMP-9	25.5	VMP-9-25.5-042722	4/27/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		**0.0023**	**J**		< 0.022	**U**	
VMP-9	25.5	VMP-9-25.5-042722-DUP	4/27/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		**0.0023**	**J**		< 0.022	**U**	
VMP-9	25.5	VMP-9-25.5-072222	7/22/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		**0.0047**	**J**		< 0.022	**U**	
VMP-9	25.5	VMP-9-25.5-072222-DUP	7/22/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		**0.0058**			< 0.022	**U**	
VMP-9	38.5	VMP-9-38.5-102221	10/22/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		**0.0064**			< 0.021	**U**	
VMP-9	38.5	VMP-9-38.5-011922	1/19/2022	< 0.0038	**U**		< 0.0080	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0075	**U**		< 0.0055	**U**		**0.0057**	**J**		< 0.025	**U**	
VMP-9	38.5	VMP-9-38.5-011922-DUP	1/19/2022	< 0.0033	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0065	**U**		< 0.0048	**U**		**0.0050**	**J**		< 0.021	**U**	
VMP-9	38.5	VMP-9-38.5-042722	4/27/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		**0.0028**	**J**		< 0.023	**U**	
VMP-9	38.5	VMP-9-38.5-072222	7/22/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.023	**U**	
VMP-18	8.5	VMP-18-8.5-110221	11/2/2021	< 0.0032	**U**		< 0.0066	**U**		< 0.01	**U**		< 0.0094	**U**		< 0.0062	**U**		< 0.0046	**U**		< 0.0048	**U**		< 0.02	**U**	
VMP-18	8.5	VMP-18-8.5-012022	1/20/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-18	8.5	VMP-18-8.5-042722	4/27/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0052	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-18	8.5	VMP-18-8.5-072222	7/22/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-19	5	VMP-19-5-102621	10/26/2021	**0.0026**	**J**		< 0.0077	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0053	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-19	5	VMP-19-5-102621-DUP	10/26/2021	**0.0062**			< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-19	5	VMP-19-5-012022	1/20/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-19	5	VMP-19-5-050222	5/2/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0052	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-19	5	VMP-19-5-050222-DUP	5/2/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-19	5	VMP-19-5-072222	7/22/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0070	**U**		< 0.0051	**U**		**0.0026**	**J**		< 0.023	**U**	
VMP-20	5	VMP-20-5-110121	11/1/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-20	5	VMP-20-5-012522	1/25/2022	< 0.0036	**U**		< 0.0077	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		**0.0093**			< 0.0056	**U**		< 0.024	**U**	
VMP-20	5	VMP-20-5-042922	4/29/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0070	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-20	5	VMP-20-5-080122	8/1/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-20	10	VMP-20-10-110121	11/1/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-20	10	VMP-20-10-012522	1/25/2022	< 0.0030	**U**		< 0.0062	**U**		< 0.0096	**U**		< 0.0088	**U**		< 0.0058	**U**		< 0.0043	**U**		< 0.0045	**U**		< 0.019	**U**	
VMP-20	10	VMP-20-10-042922	4/29/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-20	10	VMP-20-10-080122	8/1/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-20	25	VMP-20-25-110121	11/1/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-20	25	VMP-20-25-012522	1/25/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-20	25	VMP-20-25-042922	4/29/2022	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		< 0.0047	**U**		< 0.02	**U**	
VMP-20	25	VMP-20-25-080122	8/1/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-21	5	VMP-21-5-102521	10/25/2021	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-21	5	VMP-21-5-012122	1/21/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-21	5	VMP-21-5-042922	4/29/2022	**0.018**			< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-21	5	VMP-21-5-072922	7/29/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-21	10	VMP-21-10-102521	10/25/2021	< 0.0033	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.021	**U**	
VMP-21	10	VMP-21-10-012122	1/21/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-21	10	VMP-21-10-042922	4/29/2022	< 0.0037	**U**		< 0.0078	**U**		< 0.012	**U**		**0.84**			< 0.0073	**U**		< 0.0054	**U**		< 0.0057	**U**		< 0.024	**U**	
VMP-21	10	VMP-21-10-072922	7/29/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.023	**U**	
VMP-21	25	VMP-21-25-102521	10/25/2021	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-21	25	VMP-21-25-012122	1/21/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-21	25	VMP-21-25-012122-DUP	1/21/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-21	25	VMP-21-25-042922	4/29/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.023	**U**	
VMP-21	25	VMP-21-25-072922	7/29/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0052	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-21	33	VMP-21-33-102521	10/25/2021	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		< 0.0047	**U**		< 0.02	**U**	
VMP-21	33	VMP-21-33-102521-DUP	10/25/2021	< 0.0030	**U**		< 0.0063	**U**		< 0.0098	**U**		< 0.0090	**U**		< 0.0059	**U**		< 0.0044	**U**		< 0.0046	**U**		< 0.02	**U**	
VMP-21	33	VMP-21-33-012122	1/21/2022	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		< 0.0047	**U**		< 0.02	**U**	
VMP-21	33	VMP-21-33-042922	4/29/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-21	33	VMP-21-33-072922	7/29/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-22	5	VMP-22-5-110121	11/1/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-22	5	VMP-22-5-012722	1/27/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-22	5	VMP-22-5-072622	7/26/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-22	10	VMP-22-10-110121	11/1/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		**0.0024**	**J**		< 0.021	**U**	
VMP-22	10	VMP-22-10-012722	1/27/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-22	10	VMP-22-10-050522	5/5/2022	< 0.025	**U**		< 0.053	**U**		< 0.082	**U**		**4.5**			< 0.05	**U**		< 0.036	**U**		< 0.039	**U**		< 0.16	**U**	
VMP-22	10	VMP-22-10-072622	7/26/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-22	18	VMP-22-18-012722	1/27/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-22	18	VMP-22-18-050522	5/5/2022	< 0.013	**U**		< 0.028	**U**		< 0.042	**U**		**1.6**			< 0.026	**U**		< 0.019	**U**		< 0.02	**U**		< 0.085	**U**	
VMP-22	38	VMP-22-38-110121	11/1/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-22	38	VMP-22-38-012722	1/27/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-22	38	VMP-22-38-050522	5/5/2022	**0.0018**	**J**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-23	5	VMP-23-5-102521	10/25/2021	**0.0030**	**J**		< 0.0068	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-23	5	VMP-23-5-011922	1/19/2022	< 0.0032	**U**		< 0.0066	**U**		< 0.01	**U**		< 0.0094	**U**		< 0.0062	**U**		< 0.0046	**U**		< 0.0048	**U**		< 0.02	**U**	
VMP-23	5	VMP-23-5-050422	5/4/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-23	5	VMP-23-5-072522	7/25/2022	< 0.0037	**U**		< 0.0077	**U**		< 0.012	**U**		< 0.011	**U**	**UJ**	< 0.0072	**U**		< 0.0053	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-23	10	VMP-23-10-102521	10/25/2021	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0052	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-23	10	VMP-23-10-011922	1/19/2022	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		**0.0022**	**J**		< 0.02	**U**	
VMP-23	10	VMP-23-10-050422	5/4/2022	< 0.0037	**U**		< 0.0078	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0073	**U**		< 0.0053	**U**		**0.0034**	**J**		< 0.024	**U**	
VMP-23	10	VMP-23-10-072522	7/25/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**	**UJ**	< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-23	25	VMP-23-25-102521	10/25/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		**0.0038**	**J**		< 0.021	**U**	
VMP-23	25	VMP-23-25-011922	1/19/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		**0.0023**	**J**		< 0.021	**U**	
VMP-23	25	VMP-23-25-050422	5/4/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0049	**U**		**0.0023**	**J**		< 0.022	**U**	
VMP-23	25	VMP-23-25-072522	7/25/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**	**UJ**	< 0.0072	**U**		**0.016**			**0.0029**	**J**		< 0.024	**U**	
VMP-23	40	VMP-23-40-050422	5/4/2022	**0.0014**	**J**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-23	40	VMP-23-40-050422-DUP	5/4/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-24	5	VMP-24-5-102221	10/22/2021	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	5	VMP-24-5-012822	1/28/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-24	5	VMP-24-5-050322	5/3/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	5	VMP-24-5-072522	7/25/2022	**0.0014**	**J**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0067	**U**		< 0.0049	**U**		**0.0046**	**J**		< 0.022	**U**	
VMP-24	10	VMP-24-10-102221	10/22/2021	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		< 0.0047	**U**		< 0.02	**U**	
VMP-24	10	VMP-24-10-102221-DUP	10/22/2021	< 0.0032	**U**		< 0.0067	**U**		< 0.01	**U**		< 0.0095	**U**		< 0.0063	**U**		< 0.0046	**U**		< 0.0048	**U**		< 0.02	**U**	
VMP-24	10	VMP-24-10-012822	1/28/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	10	VMP-24-10-050322	5/3/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-24	10	VMP-24-10-072522	7/25/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0066	**U**		< 0.0048	**U**		**0.0031**	**J**		< 0.022	**U**	
VMP-24	22	VMP-24-22-102221	10/22/2021	**0.0028**	**J**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-24	22	VMP-24-22-012822	1/28/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-24	22	VMP-24-22-050322	5/3/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	22	VMP-24-22-050322-DUP	5/3/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	22	VMP-24-22-072522	7/25/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**	**UJ**	< 0.0065	**U**		< 0.0048	**U**		**0.0022**	**J**		< 0.021	**U**	
VMP-24	34	VMP-24-34-102221	10/22/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-24	34	VMP-24-34-012822	1/28/2022	< 0.0032	**U**		< 0.0066	**U**		< 0.01	**U**		< 0.0094	**U**		< 0.0062	**U**		< 0.0046	**U**		< 0.0048	**U**		< 0.02	**U**	
VMP-24	34	VMP-24-34-050322	5/3/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-24	34	VMP-24-34-072522	7/25/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**	**UJ**	< 0.0070	**U**		< 0.0051	**U**		**0.0050**	**J**		< 0.023	**U**	
VMP-32	5	VMP-32-5-110121	11/1/2021	< 0.0032	**U**		< 0.0067	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0063	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-32	5	VMP-32-5-012722	1/27/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-32	5	VMP-32-5-042822	4/28/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-32	5	VMP-32-5-072922	7/29/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-32	10	VMP-32-10-110121	11/1/2021	< 0.0031	**U**		< 0.0065	**U**		< 0.01	**U**		< 0.0092	**U**		< 0.0061	**U**		< 0.0045	**U**		< 0.0047	**U**		< 0.02	**U**	
VMP-32	10	VMP-32-10-012722	1/27/2022	**0.0017**	**J**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-32	10	VMP-32-10-042822	4/28/2022	**0.025**			< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-32	10	VMP-32-10-072922	7/29/2022	< 0.0037	**U**		< 0.0077	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0053	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-32	10	VMP-32-10-072922-DUP	7/29/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-32	20	VMP-32-20-110121	11/1/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-32	20	VMP-32-20-042822	4/28/2022	**0.027**			< 0.0071	**U**		< 0.011	**U**		**0.015**			< 0.0066	**U**		< 0.0048	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-32	20	VMP-32-20-072922	7/29/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-32	30	VMP-32-30-110121	11/1/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-32	30	VMP-32-30-012722	1/27/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-32	30	VMP-32-30-012722-DUP	1/27/2022	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-32	30	VMP-32-30-042822	4/28/2022	< 0.0036	**U**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0070	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-42	10	VMP-42-10-102621	10/26/2021	< 0.0040	U		< 0.0084	U		< 0.013	U		< 0.012	U		< 0.0079	U		< 0.0058	U		< 0.0061	U		< 0.026	U	
VMP-42	10	VMP-42-10-012422	1/24/2022	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-42	10	VMP-42-10-042822	4/28/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-42	10	VMP-42-10-072822	7/28/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-42	20	VMP-42-20-102621	10/26/2021	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0047	J		< 0.022	U	
VMP-42	20	VMP-42-20-012422	1/24/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.0040	J		< 0.022	U	
VMP-42	20	VMP-42-20-042822	4/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-42	20	VMP-42-20-072822	7/28/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		0.013			< 0.022	U	
VMP-42	30	VMP-42-30-102621	10/26/2021	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		0.0025	J		< 0.02	U	
VMP-42	30	VMP-42-30-102621-DUP	10/26/2021	< 0.0030	U		< 0.0063	U		< 0.0098	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		0.0025	J		< 0.02	U	
VMP-42	30	VMP-42-30-012422	1/24/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		0.0020	J		< 0.021	U	
VMP-42	30	VMP-42-30-042822	4/28/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		0.0021	J		< 0.021	U	
VMP-42	30	VMP-42-30-072822	7/28/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U	
VMP-43	10	VMP-43-10-102621	10/26/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-43	10	VMP-43-10-012722	1/27/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-43	10	VMP-43-10-050222	5/2/2022	< 0.0030	U		< 0.0062	U		< 0.0096	U		< 0.0088	U		< 0.0058	U		< 0.0042	U		< 0.0045	U		< 0.019	U	
VMP-43	10	VMP-43-10-072822	7/28/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-43	20	VMP-43-20-102621	10/26/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-43	20	VMP-43-20-012722	1/27/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-43	20	VMP-43-20-050222	5/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-43	20	VMP-43-20-072822	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		0.0022	J		< 0.022	U	
VMP-43	20	VMP-43-20-072822-DUP	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0025	J		< 0.022	U	
VMP-43	30	VMP-43-30-102621	10/26/2021	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-43	30	VMP-43-30-012722	1/27/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-43	30	VMP-43-30-050222	5/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-43	30	VMP-43-30-050222-DUP	5/2/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-43	30	VMP-43-30-072822	7/28/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		0.0022	J		< 0.023	U	
VMP-45	10	VMP-45-10-102721	10/27/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-45	10	VMP-45-10-012422	1/24/2022	< 0.0036	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-45	10	VMP-45-10-050222	5/2/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-45	10	VMP-45-10-050222-DUP	5/2/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-45	10	VMP-45-10-072522	7/25/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		0.0042	J		< 0.023	U	
VMP-45	20	VMP-45-20-102721	10/27/2021	< 0.0030	U		< 0.0064	U		< 0.0098	U		< 0.0090	U		< 0.0060	U		< 0.0044	U		< 0.0046	U		< 0.02	U	
VMP-45	20	VMP-45-20-012422	1/24/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-45	20	VMP-45-20-050222	5/2/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-45	20	VMP-45-20-072522	7/25/2022	< 0.0038	U		< 0.0081	U		< 0.012	U		< 0.011	U	UJ	< 0.0076	U		< 0.0055	U		0.0061			< 0.025	U	
VMP-45	30	VMP-45-30-102721	10/27/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-45	30	VMP-45-30-102721-DUP	10/27/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-45	30	VMP-45-30-012422	1/24/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-45	30	VMP-45-30-050222	5/2/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-45	30	VMP-45-30-072522	7/25/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U	UJ	< 0.0072	U		< 0.0052	U		0.02			< 0.024	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-47	5	VMP-47-5-110121	11/1/2021	< 0.0030	U		< 0.0064	U		< 0.0099	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U	
VMP-47	5	VMP-47-5-022222	2/22/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-47	5	VMP-47-5-050522	5/5/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		**0.0026**	J		< 0.023	U	
VMP-47	5	VMP-47-5-080222	8/2/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		**0.0039**	J		< 0.023	U	
VMP-47	10	VMP-47-10-110121	11/1/2021	< 0.0030	U		**0.014**			< 0.0096	U		< 0.0088	U		< 0.0058	U		< 0.0042	U		**0.04**			< 0.019	U	
VMP-47	10	VMP-47-10-022222	2/22/2022	< 0.0034	U		**0.0093**			< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		**0.029**			< 0.022	U	
VMP-47	10	VMP-47-10-050522	5/5/2022	< 0.0035	U		**0.023**			< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.054**			< 0.022	U	
VMP-47	10	VMP-47-10-080222	8/2/2022	< 0.0034	U		**0.027**			< 0.011	U		< 0.01	U		**0.0016**	J		< 0.0050	U		**0.062**			< 0.022	U	
VMP-47	10	VMP-47-10-080222-DUP	8/2/2022	< 0.0034	U		**0.028**			< 0.011	U		< 0.01	U		**0.0019**	J		< 0.0049	U		**0.064**			< 0.022	U	
VMP-47	20	VMP-47-20-110121	11/1/2021	< 0.0032	U		**0.0038**	J		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		**0.011**			< 0.021	U	
VMP-47	20	VMP-47-20-012122	1/21/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		**0.0058**			< 0.02	U	
VMP-47	20	VMP-47-20-050522	5/5/2022	< 0.0034	U		**0.0054**	J		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		**0.016**			< 0.022	U	
VMP-47	20	VMP-47-20-080222	8/2/2022	< 0.0034	U		**0.0086**			< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		**0.029**			< 0.022	U	
VMP-47	30	VMP-47-30-110121	11/1/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-47	30	VMP-47-30-012122	1/21/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-47	30	VMP-47-30-050522	5/5/2022	< 0.0038	U		< 0.0080	U		< 0.012	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U	
VMP-47	30	VMP-47-30-080222	8/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-48	5	VMP-48-5-110121	11/1/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-48	5	VMP-48-5-012122	1/21/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-48	5	VMP-48-5-042922	4/29/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-48	5	VMP-48-5-072922	7/29/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		**0.0021**	J		< 0.024	U	
VMP-48	10	VMP-48-10-110121	11/1/2021	**0.0018**	J		< 0.0069	U		< 0.01	U		**0.23**			< 0.0064	U		< 0.0047	U		**0.016**			< 0.021	U	
VMP-48	10	VMP-48-10-042922	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-48	10	VMP-48-10-042922-DUP	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-48	10	VMP-48-10-072922	7/29/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-48	20	VMP-48-20-110121	11/1/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-48	20	VMP-48-20-012122	1/21/2022	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U	
VMP-48	20	VMP-48-20-042922	4/29/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-48	20	VMP-48-20-072922	7/29/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0057	U		< 0.024	U	
VMP-48	30	VMP-48-30-110121	11/1/2021	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-48	30	VMP-48-30-042922	4/29/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-48	30	VMP-48-30-072922	7/29/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-49	5	VMP-49-5-102721	10/27/2021	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-49	5	VMP-49-5-012122	1/21/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-49	5	VMP-49-5-050422	5/4/2022	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U	
VMP-49	5	VMP-49-5-080122	8/1/2022	< 0.0038	U		< 0.0080	U		< 0.012	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U	
VMP-49	5	VMP-49-5-080122-DUP	8/1/2022	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-49	10	VMP-49-10-102721	10/27/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-49	10	VMP-49-10-012122	1/21/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-49	10	VMP-49-10-050422	5/4/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-49	10	VMP-49-10-080122	8/1/2022	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U	
VMP-49	20	VMP-49-20-102721	10/27/2021	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-49	20	VMP-49-20-012122	1/21/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-49	20	VMP-49-20-050422	5/4/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-49	20	VMP-49-20-080122	8/1/2022	**0.0030**	J		< 0.0081	U		< 0.012	U		< 0.012	U		< 0.0076	U		< 0.0056	U		< 0.0059	U		< 0.025	U	
VMP-49	30	VMP-49-30-102721	10/27/2021	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-49	30	VMP-49-30-012122	1/21/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-49	30	VMP-49-30-050422	5/4/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-49	30	VMP-49-30-080122	8/1/2022	< 0.0039	U		< 0.0082	U		< 0.013	U		< 0.012	U		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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-50	5	VMP-50-5-102521	10/25/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-50	5	VMP-50-5-012022	1/20/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-50	5	VMP-50-5-050522	5/5/2022	**0.0016**	**J**		< 0.0065	U		< 0.01	U		**0.013**			< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-50	5	VMP-50-5-072622	7/26/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-50	10	VMP-50-10-102521	10/25/2021	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		**0.0049**			< 0.02	U	
VMP-50	10	VMP-50-10-012022	1/20/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		**0.0026**	**J**		< 0.023	U	
VMP-50	10	VMP-50-10-050522	5/5/2022	< 0.0030	U		< 0.0064	U		< 0.0099	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U	
VMP-50	10	VMP-50-10-050522-DUP	5/5/2022	< 0.0030	U		< 0.0063	U		< 0.0098	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		< 0.0046	U		< 0.02	U	
VMP-50	10	VMP-50-10-072622	7/26/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-50	10	VMP-50-10-072622-DUP	7/26/2022	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-50	20	VMP-50-20-102521	10/25/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		**0.02**			< 0.021	U	
VMP-50	20	VMP-50-20-012022	1/20/2022	< 0.0029	U		< 0.0061	U		< 0.0094	U		< 0.0087	U		< 0.0058	U		< 0.0042	U		**0.021**			< 0.019	U	
VMP-50	20	VMP-50-20-012022-DUP	1/20/2022	< 0.0028	U		< 0.0059	U		< 0.0091	U		< 0.0084	U		< 0.0055	U		< 0.0040	U		**0.021**			< 0.018	U	
VMP-50	20	VMP-50-20-050522	5/5/2022	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		**0.014**			< 0.02	U	
VMP-50	20	VMP-50-20-072622	7/26/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		**0.0056**			< 0.023	U	
VMP-50	30	VMP-50-30-102521	10/25/2021	< 0.062	U		< 0.13	U		< 0.2	U		**3.4**			< 0.12	U		< 0.089	U		**0.13**			< 0.4	U	
VMP-50	30	VMP-50-30-012022	1/20/2022	< 0.011	U		< 0.023	U		< 0.035	U		**0.86**			< 0.021	U		< 0.016	U		**0.083**			< 0.07	U	
VMP-50	30	VMP-50-30-050522	5/5/2022	< 0.026	U		< 0.055	U		< 0.084	U		**2.6**			< 0.051	U		< 0.038	U		**0.063**			< 0.17	U	
VMP-50	30	VMP-50-30-072622	7/26/2022	< 0.01	U		< 0.021	U		< 0.033	U		**0.97**			< 0.02	U		< 0.015	U		**0.17**			< 0.066	U	
VMP-51	5	VMP-51-5-102521	10/25/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-51	5	VMP-51-5-012722	1/27/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-51	5	VMP-51-5-042822	4/28/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-51	5	VMP-51-5-072522	7/25/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U	**UJ**	< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-51	10	VMP-51-10-102521	10/25/2021	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-51	10	VMP-51-10-012722	1/27/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-51	10	VMP-51-10-042822	4/28/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-51	10	VMP-51-10-072522	7/25/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U	**UJ**	< 0.0068	U		< 0.0050	U		**0.0028**	**J**		< 0.022	U	
VMP-51	20	VMP-51-20-102521	10/25/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-51	20	VMP-51-20-012722	1/27/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-51	20	VMP-51-20-042822	4/28/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-51	20	VMP-51-20-072522	7/25/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U	**UJ**	< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-51	30	VMP-51-30-102521	10/25/2021	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-51	30	VMP-51-30-012722	1/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U	
VMP-51	30	VMP-51-30-042822	4/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-51	30	VMP-51-30-072522	7/25/2022	< 0.0038	U		< 0.0080	U		< 0.012	U		< 0.011	U	**UJ**	< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.024	U	
VMP-52	5	VMP-52-5-110221	11/2/2021	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-52	5	VMP-52-5-012722	1/27/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-52	5	VMP-52-5-042822	4/28/2022	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-52	10	VMP-52-10-110221	11/2/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-52	10	VMP-52-10-012722	1/27/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-52	10	VMP-52-10-042822	4/28/2022	**0.028**			< 0.0074	U		< 0.011	U		**0.019**			< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-52	20	VMP-52-20-110221	11/2/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-52	20	VMP-52-20-110221-DUP	11/2/2021	< 0.0030	U		< 0.0063	U		< 0.0098	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		< 0.0046	U		< 0.02	U	
VMP-52	20	VMP-52-20-012722	1/27/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-52	20	VMP-52-20-012722-DUP	1/27/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-52	20	VMP-52-20-042822	4/28/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-52	20	VMP-52-20-072622	7/26/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-52	30	VMP-52-30-110221	11/2/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-52	30	VMP-52-30-012722	1/27/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-52	30	VMP-52-30-042822	4/28/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		**0.0075**			< 0.0053	U		< 0.022	U	
VMP-52	30	VMP-52-30-072622	7/26/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-52	30	VMP-52-30-072622-DUP	7/26/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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	VMP-53-5-102221	10/22/2021	< 0.0030	U		< 0.0063	U		< 0.0097	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U	
VMP-53	5	VMP-53-5-011922	1/19/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-53	5	VMP-53-5-042722	4/27/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-53	5	VMP-53-5-072222	7/22/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-53	10	VMP-53-10-102221	10/22/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-53	10	VMP-53-10-011922	1/19/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-53	10	VMP-53-10-042722	4/27/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-53	10	VMP-53-10-072222	7/22/2022	< 0.0036	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-53	20	VMP-53-20-102221	10/22/2021	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-53	20	VMP-53-20-011922	1/19/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-53	20	VMP-53-20-042722	4/27/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0022	J		< 0.022	U	
VMP-53	20	VMP-53-20-072222	7/22/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0052	U		0.0024	J		< 0.023	U	
VMP-53	30	VMP-53-30-102221	10/22/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		0.012			< 0.021	U	
VMP-53	30	VMP-53-30-102221-DUP	10/22/2021	0.0022	J		< 0.0063	U		< 0.0098	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		0.011			< 0.02	U	
VMP-53	30	VMP-53-30-011922	1/19/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0066			< 0.022	U	
VMP-53	30	VMP-53-30-042722	4/27/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0071			< 0.023	U	
VMP-53	30	VMP-53-30-072222	7/22/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		0.0054	J		< 0.024	U	
VMP-54	5	VMP-54-5-102921	10/29/2021	< 0.0030	U		0.011			< 0.0098	U		0.0075	J		< 0.0060	U		< 0.0044	U		1.3			< 0.02	U	
VMP-54	5	VMP-54-5-011922	1/19/2022	< 0.0034	U		0.0044	J		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.37			< 0.022	U	
VMP-54	5	VMP-54-5-042722	4/27/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		0.17			< 0.021	U	
VMP-54	5	VMP-54-5-072222	7/22/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.034			< 0.022	U	
VMP-54	10	VMP-54-10-102921	10/29/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		0.012			< 0.02	U	
VMP-54	10	VMP-54-10-011922	1/19/2022	< 0.0031	U		< 0.0064	U		< 0.0099	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		0.039			< 0.02	U	
VMP-54	10	VMP-54-10-011922-DUP	1/19/2022	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		0.038			< 0.02	U	
VMP-54	10	VMP-54-10-042722	4/27/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.04			< 0.022	U	
VMP-54	10	VMP-54-10-072222	7/22/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.045			< 0.023	U	
VMP-54	20	VMP-54-20-102921	10/29/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-54	20	VMP-54-20-011922	1/19/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-54	20	VMP-54-20-042722	4/27/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		0.0027	J		< 0.023	U	
VMP-54	20	VMP-54-20-072222	7/22/2022	0.0020	J		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0056			< 0.022	U	
VMP-54	30	VMP-54-30-102921	10/29/2021	< 0.0034	U		0.0091			< 0.011	U		0.012			< 0.0067	U		< 0.0049	U		1.3			< 0.022	U	
VMP-54	30	VMP-54-30-011922	1/19/2022	< 0.0069	U		0.023			< 0.022	U		< 0.021	U		< 0.014	U		< 0.01	U		2.9			0.032	J	
VMP-54	30	VMP-54-30-042722	4/27/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		0.39			< 0.022	U	
VMP-54	30	VMP-54-30-072222	7/22/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		0.1			< 0.023	U	
VMP-56	10	VMP-56-10-102221	10/22/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-56	10	VMP-56-10-012522	1/25/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-56	10	VMP-56-10-050422	5/4/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-56	10	VMP-56-10-080122	8/1/2022	0.0013	J		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-56	10	VMP-56-10-080122-DUP	8/1/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U	
VMP-56	25	VMP-56-25-102221	10/22/2021	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-56	25	VMP-56-25-012522	1/25/2022	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-56	25	VMP-56-25-050422	5/4/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-56	25	VMP-56-25-080122	8/1/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-56	38.5	VMP-56-38.5-050422	5/4/2022	260			< 37	U		< 57	U		2300			< 35	U		< 26	U		< 27	U		< 110	U	
VMP-56	38.5	VMP-56-38.5-080122	8/1/2022	520			< 19	U		< 30	U		2700			< 18	U		5.9	J		< 14	U		< 24	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				0.37			450000			11						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	VMP-62-5-110121	11/1/2021	< 0.0030	U		< 0.0063	U		< 0.0098	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		< 0.0046	U		< 0.02	U	
VMP-62	5	VMP-62-5-012022	1/20/2022	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-62	5	VMP-62-5-050522	5/5/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-62	5	VMP-62-5-080222	8/2/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-62	10	VMP-62-10-110121	11/1/2021	< 0.0032	U		**0.0098**			< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		**0.028**			< 0.021	U	
VMP-62	10	VMP-62-10-012022	1/20/2022	< 0.0031	U		**0.0057**	J		< 0.01	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		**0.02**			< 0.02	U	
VMP-62	10	VMP-62-10-050522	5/5/2022	< 0.0034	U		**0.012**			< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		**0.059**			< 0.022	U	
VMP-62	10	VMP-62-10-080222	8/2/2022	< 0.0034	U		**0.0088**			< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		**0.036**			< 0.022	U	
VMP-62	20	VMP-62-20-110121	11/1/2021	< 0.0031	U		**0.0044**	J		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		**0.021**			< 0.02	U	
VMP-62	20	VMP-62-20-050522	5/5/2022	< 0.0034	U		**0.0052**	J		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		**0.035**			< 0.022	U	
VMP-62	20	VMP-62-20-080222	8/2/2022	< 0.0036	U		**0.0096**			< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		**0.039**			< 0.024	U	
VMP-62	30	VMP-62-30-110121	11/1/2021	< 0.0031	U		< 0.0066	U		< 0.01	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		**0.0029**	J		< 0.02	U	
VMP-62	30	VMP-62-30-110121-DUP	11/1/2021	< 0.0030	U		< 0.0062	U		< 0.0096	U		< 0.0088	U		< 0.0058	U		< 0.0043	U		**0.0029**	J		< 0.019	U	
VMP-62	30	VMP-62-30-012022	1/20/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-62	30	VMP-62-30-012022-DUP	1/20/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		**0.0021**	J		< 0.021	U	
VMP-62	30	VMP-62-30-050522	5/5/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-62	30	VMP-62-30-080222	8/2/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		**0.0045**	J		< 0.022	U	
VMP-63	5	VMP-63-5-102621	10/26/2021	< 0.0041	U		< 0.0086	U		< 0.013	U		< 0.012	U		< 0.0081	U		< 0.0059	U		< 0.0063	U		< 0.026	U	
VMP-63	5	VMP-63-5-012422	1/24/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-63	5	VMP-63-5-050222	5/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	**UJ**
VMP-63	5	VMP-63-5-072922	7/29/2022	< 0.0036	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-63	10	VMP-63-10-102621	10/26/2021	< 0.0039	U		< 0.0082	U		< 0.013	U		< 0.012	U		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U	
VMP-63	10	VMP-63-10-012422	1/24/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-63	10	VMP-63-10-050222	5/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-63	10	VMP-63-10-072922	7/29/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-63	20	VMP-63-20-102621	10/26/2021	< 0.0040	U		< 0.0083	U		< 0.013	U		< 0.012	U		< 0.0078	U		< 0.0057	U		< 0.0060	U		< 0.026	U	
VMP-63	20	VMP-63-20-012422	1/24/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-63	20	VMP-63-20-050222	5/2/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-63	20	VMP-63-20-072922	7/29/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-63	30	VMP-63-30-102621	10/26/2021	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U	
VMP-63	30	VMP-63-30-102621-DUP	10/26/2021	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U	
VMP-63	30	VMP-63-30-012422	1/24/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-63	30	VMP-63-30-012422-DUP	1/24/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-63	30	VMP-63-30-050222	5/2/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-63	30	VMP-63-30-072922	7/29/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-64	5	VMP-64-5-110121	11/1/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-64	5	VMP-64-5-012122	1/21/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-64	5	VMP-64-5-050522	5/5/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-64	5	VMP-64-5-080122	8/1/2022	**0.0016**	J		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-64	10	VMP-64-10-110121	11/1/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-64	10	VMP-64-10-012122	1/21/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-64	10	VMP-64-10-050522	5/5/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-64	10	VMP-64-10-080122	8/1/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-64	20	VMP-64-20-110121	11/1/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-64	20	VMP-64-20-012122	1/21/2022	< 0.0030	U		< 0.0063	U		< 0.0097	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U	
VMP-64	20	VMP-64-20-012122-DUP	1/21/2022	< 0.0027	U		< 0.0057	U		< 0.0088	U		< 0.0081	U		< 0.0054	U		< 0.0039	U		< 0.0042	U		< 0.018	U	
VMP-64	20	VMP-64-20-050522	5/5/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-64	20	VMP-64-20-050522-DUP	5/5/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-64	20	VMP-64-20-080122	8/1/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-64	20	VMP-64-20-080122-DUP	8/1/2022	**0.0015**	J		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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	VMP-1-5-102621	10/26/2021	< 0.0088	U		0.0028	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-1	5	VMP-1-5-022222	2/22/2022	< 0.0078	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-1	5	VMP-1-5-050222	5/2/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.018	J		< 0.0050	U	
VMP-1	5	VMP-1-5-072822	7/28/2022	< 0.0092	U		0.0024	J		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.023	U		< 0.0052	U	
VMP-1	8.5	VMP-1-8.5-102621	10/26/2021	< 0.0098	U		0.0032	J		< 0.0051	U		< 0.044	U		< 0.0059	U		< 0.018	U		< 0.024	U		< 0.0055	U	
VMP-1	8.5	VMP-1-8.5-012422	1/24/2022	< 0.0087	U		0.0026	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-1	8.5	VMP-1-8.5-050222	5/2/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0051	U		0.0019	J		0.011	J		< 0.0048	U	
VMP-1	8.5	VMP-1-8.5-072822	7/28/2022	< 0.0088	U		0.0023	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-1	23.5	VMP-1-23.5-102621	10/26/2021	< 0.0098	U		0.0029	J		< 0.0051	U		< 0.044	U		< 0.0059	U		0.0024	J		0.012	J		< 0.0055	U	
VMP-1	23.5	VMP-1-23.5-012422	1/24/2022	< 0.0078	U		0.0023	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0072	J		< 0.0044	U	
VMP-1	23.5	VMP-1-23.5-012422-DUP	1/24/2022	< 0.0087	U		0.0027	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-1	23.5	VMP-1-23.5-050222	5/2/2022	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.049			< 0.0045	U	
VMP-1	23.5	VMP-1-23.5-072822	7/28/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-1	38.5	VMP-1-38.5-102621	10/26/2021	< 0.0096	U		0.0030	J		< 0.0050	U		< 0.043	U		< 0.0058	U		< 0.018	U		< 0.023	U		< 0.0054	U	
VMP-1	38.5	VMP-1-38.5-012422	1/24/2022	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-1	38.5	VMP-1-38.5-050222	5/2/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.04			< 0.0047	U	
VMP-1	38.5	VMP-1-38.5-072822	7/28/2022	< 0.0086	U		0.0027	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-2	5	VMP-2-5-102521	10/25/2021	< 0.0081	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-2	5	VMP-2-5-012122	1/21/2022	< 0.0076	U		0.0024	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-2	5	VMP-2-5-042822	4/28/2022	< 0.0083	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-2	5	VMP-2-5-072922	7/29/2022	< 0.0085	U		0.0028	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0087	J		< 0.0048	U	
VMP-2	8.5	VMP-2-8.5-102521	10/25/2021	< 0.0083	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		0.0015	J	
VMP-2	8.5	VMP-2-8.5-012122	1/21/2022	< 0.0078	U		0.0020	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-2	8.5	VMP-2-8.5-042822	4/28/2022	< 0.0076	U		0.0032	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-2	8.5	VMP-2-8.5-042822-DUP	4/28/2022	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-2	8.5	VMP-2-8.5-072922	7/29/2022	< 0.0083	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-2	22	VMP-2-22-102521	10/25/2021	< 0.0082	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.016			0.014	J		< 0.0046	U	
VMP-2	22	VMP-2-22-012122	1/21/2022	< 0.0079	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-2	22	VMP-2-22-042822	4/28/2022	< 0.0085	U		0.0025	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-2	22	VMP-2-22-072922	7/29/2022	< 0.0083	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0088	J		< 0.0047	U	
VMP-3	5	VMP-3-5-102721	10/27/2021	< 0.0078	U		0.0027	J		0.0029	J		< 0.035	U		< 0.0047	U		< 0.015	U		0.025			< 0.0044	U	
VMP-3	5	VMP-3-5-012522	1/25/2022	< 0.0075	U		0.0019	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-3	5	VMP-3-5-050422	5/4/2022	< 0.0082	U		0.0029	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		0.0028	J	
VMP-3	5	VMP-3-5-072922	7/29/2022	< 0.0087	U		0.0028	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-3	10	VMP-3-10-102721	10/27/2021	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-3	10	VMP-3-10-050422	5/4/2022	< 0.0079	U		0.0032	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		0.026			< 0.0044	U	
VMP-3	10	VMP-3-10-050422-DUP	5/4/2022	< 0.0081	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.024			< 0.0046	U	
VMP-3	10	VMP-3-10-072922	7/29/2022	< 0.0090	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-3	10	VMP-3-10-072922-DUP	7/29/2022	< 0.0091	U		0.0031	J		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-3	22	VMP-3-22-102721	10/27/2021	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-3	22	VMP-3-22-012522	1/25/2022	< 0.0073	U		0.0020	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	J	U	< 0.0041	U	
VMP-3	22	VMP-3-22-050422	5/4/2022	< 0.0094	U		< 0.0061	U		< 0.0050	U		< 0.043	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-3	22	VMP-3-22-072922	7/29/2022	< 0.0089	U		0.0028	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-3	31.5	VMP-3-31.5-102721	10/27/2021	< 0.0080	U		0.0029	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-012522	1/25/2022	< 0.0080	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-012522-DUP	1/25/2022	< 0.0080	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	J	U	< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-050422	5/4/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-3	31.5	VMP-3-31.5-072922	7/29/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-4	5	VMP-4-5-102521	10/25/2021	< 0.0074	U		0.0027	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.0099	J		< 0.0042	U	
VMP-4	5	VMP-4-5-011922	1/19/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-4	5	VMP-4-5-042722	4/27/2022	< 0.0080	U		0.0040	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.078			< 0.0045	U	
VMP-4	5	VMP-4-5-072822	7/28/2022	< 0.0086	U		0.0025	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-4	12	VMP-4-12-102521	10/25/2021	< 0.0079	U		0.0029	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-4	12	VMP-4-12-011922	1/19/2022	< 0.0076	U		0.0022	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-4	12	VMP-4-12-042722	4/27/2022	< 0.0087	U		0.0028	J		< 0.0046	U		< 0.039	U		< 0.0052	U		0.0026	J		0.0086	J		< 0.0049	U	
VMP-4	12	VMP-4-12-072822	7/28/2022	< 0.0082	U		0.0030	J		< 0.0043	U		0.0065	J		< 0.0049	U		< 0.015	U		0.01	J		< 0.0046	U	
VMP-4	23.5	VMP-4-23.5-102521	10/25/2021	< 0.0077	U		0.0028	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-4	23.5	VMP-4-23.5-011922	1/19/2022	< 0.0080	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-4	23.5	VMP-4-23.5-042722	4/27/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0079	J		< 0.0048	U	
VMP-4	23.5	VMP-4-23.5-072822	7/28/2022	< 0.0090	U		0.0034	J	J	< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		0.0082	J	J	< 0.0051	U	
VMP-5	5	VMP-5-5-102521	10/25/2021	< 0.0081	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-5	5	VMP-5-5-011922	1/19/2022	< 0.0083	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0078	J		< 0.0047	U	
VMP-5	5	VMP-5-5-042822	4/28/2022	< 0.0078	U		0.0032	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-5	5	VMP-5-5-072522	7/25/2022	< 0.0079	U		0.0033	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-102521	10/25/2021	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0017	J		< 0.02	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-102521-DUP	10/25/2021	< 0.0081	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0021	J		< 0.02	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-011922	1/19/2022	< 0.0080	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-042822	4/28/2022	< 0.0081	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-072522	7/25/2022	< 0.0084	U		0.0077			< 0.0044	U		< 0.038	U		< 0.0050	U		0.0029	J		< 0.02	U		< 0.0047	U	
VMP-5	12.5	VMP-5-12.5-072522-DUP	7/25/2022	< 0.0087	U		0.0071			< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-5	31	VMP-5-31-102521	10/25/2021	< 0.0080	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-5	31	VMP-5-31-042822	4/28/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-5	31	VMP-5-31-072522	7/25/2022	< 0.0090	U		0.0024	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-5	40	VMP-5-40-011922	1/19/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-5	40	VMP-5-40-042822	4/28/2022	< 0.0082	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.011	J		< 0.0046	U	
VMP-5	40	VMP-5-40-072522	7/25/2022	< 0.0080	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0068	J		< 0.0045	U	
VMP-6	5	VMP-6-5-102521	10/25/2021	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-6	5	VMP-6-5-012522	1/25/2022	< 0.0080	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-6	5	VMP-6-5-042822	4/28/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.01	J		< 0.0045	U	
VMP-6	5	VMP-6-5-072622	7/26/2022	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-6	10	VMP-6-10-102521	10/25/2021	< 0.0080	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-6	10	VMP-6-10-012522	1/25/2022	< 0.0074	U		0.0020	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-6	10	VMP-6-10-042822	4/28/2022	< 0.0081	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-6	10	VMP-6-10-042822-DUP	4/28/2022	< 0.0081	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-6	10	VMP-6-10-072622	7/26/2022	< 0.0082	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-6	31.5	VMP-6-31.5-102521	10/25/2021	< 0.0073	U		0.0030	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-6	31.5	VMP-6-31.5-012522	1/25/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-6	31.5	VMP-6-31.5-042822	4/28/2022	< 0.0076	U		0.0030	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.02			< 0.0043	U	
VMP-6	31.5	VMP-6-31.5-072622	7/26/2022	< 0.0089	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-6	39	VMP-6-39-102521	10/25/2021	< 0.0076	U		0.0030	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-6	39	VMP-6-39-012522	1/25/2022	0.93	J		< 1.1	U		< 0.93	U		< 3.2	U		< 1	U		< 3.3	U		< 2.2	U		< 0.99	U	
VMP-6	39	VMP-6-39-042822	4/28/2022	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-6	39	VMP-6-39-072622	7/26/2022	< 0.16	U		< 0.1	U		< 0.086	U		< 0.74	U		< 0.098	U		< 0.3	U		< 0.4	U		< 0.092	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-7	5	VMP-7-5-102721	10/27/2021	< 0.0078	U		0.0027	J		0.0016	J		< 0.035	U		< 0.0047	U		0.0026	J		0.035			< 0.0044	U	
VMP-7	5	VMP-7-5-012422	1/24/2022	< 0.0089	U		0.0025	J		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-7	5	VMP-7-5-050222	5/2/2022	< 0.0082	U		0.0034	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.045			< 0.0046	U	
VMP-7	5	VMP-7-5-072522	7/25/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-102721	10/27/2021	< 0.0077	U		0.0024	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-7	13.5	VMP-7-13.5-012422	1/24/2022	< 0.0082	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-050222	5/2/2022	< 0.0084	U		0.0032	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.041			< 0.0047	U	
VMP-7	13.5	VMP-7-13.5-072522	7/25/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		0.0098	J		< 0.02	U		< 0.0047	U	
VMP-7	13.5	VMP-7-13.5-072522-DUP	7/25/2022	< 0.0084	U		0.0032	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-7	29.5	VMP-7-29.5-102721	10/27/2021	< 0.0074	U		0.0026	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-7	29.5	VMP-7-29.5-102721-DUP	10/27/2021	< 0.0076	U		0.0028	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.01	J		< 0.0043	U	
VMP-7	29.5	VMP-7-29.5-012422	1/24/2022	< 0.0086	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		0.019			< 0.021	U		< 0.0049	U	
VMP-7	29.5	VMP-7-29.5-012422-DUP	1/24/2022	< 0.0096	U		< 0.0062	U		< 0.0050	U		< 0.043	U		< 0.0058	U		< 0.018	U		< 0.024	U		< 0.0054	U	
VMP-7	29.5	VMP-7-29.5-050222	5/2/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.023			< 0.0045	U	
VMP-7	29.5	VMP-7-29.5-050222-DUP	5/2/2022	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-7	29.5	VMP-7-29.5-072522	7/25/2022	< 0.0082	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-7	38	VMP-7-38-050222	5/2/2022	< 0.0086	U		0.0025	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.06			< 0.0049	U	
VMP-7	38	VMP-7-38-072522	7/25/2022	< 0.0085	U		0.0025	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-8	5	VMP-8-5-102921	10/29/2021	< 0.0086	U		0.0027	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U	UJ	< 0.0049	U	
VMP-8	5	VMP-8-5-011922	1/19/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-8	5	VMP-8-5-042722	4/27/2022	< 0.0083	U		0.0031	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-8	5	VMP-8-5-072222	7/22/2022	< 0.0086	U		0.0025	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-8	9.5	VMP-8-9.5-011922	1/19/2022	< 0.0086	U		0.0028	J		< 0.0045	U		< 0.039	U		< 0.0052	U		0.0036	J		< 0.021	U		< 0.0049	U	
VMP-8	9.5	VMP-8-9.5-042722	4/27/2022	< 0.0083	U		0.0028	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-042722-DUP	4/27/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		0.0022	J		0.018	J		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-072222	7/22/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.012	J		< 0.0048	U	
VMP-8	23.5	VMP-8-23.5-011922	1/19/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0072	J		< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-042722	4/27/2022	< 0.0087	U		0.0029	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.011	J		< 0.0049	U	
VMP-8	23.5	VMP-8-23.5-072222	7/22/2022	< 0.0080	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0096	J		< 0.0045	U	
VMP-8	23.5	VMP-8-23.5-072222-DUP	7/22/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-8	35.5	VMP-8-35.5-011922	1/19/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-8	35.5	VMP-8-35.5-042722	4/27/2022	< 0.0081	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.014	J		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-072222	7/22/2022	< 0.0090	U		0.0025	J		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-9	5	VMP-9-5-102221	10/22/2021	< 0.0083	U		0.0021	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		0.0022	J	
VMP-9	5	VMP-9-5-011922	1/19/2022	< 0.0083	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-9	5	VMP-9-5-042722	4/27/2022	< 0.013	U		< 0.0081	U		< 0.0066	U		< 0.057	U		< 0.0076	U		< 0.024	U		< 0.031	U		< 0.0071	U	
VMP-9	5	VMP-9-5-072222	7/22/2022	< 0.0086	U		0.0030	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-9	11.5	VMP-9-11.5-102221	10/22/2021	< 0.0081	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	11.5	VMP-9-11.5-011922	1/19/2022	< 0.0076	U		0.0027	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0084	J		< 0.0043	U	
VMP-9	11.5	VMP-9-11.5-042722	4/27/2022	< 0.0080	U		0.0033	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-9	11.5	VMP-9-11.5-072222	7/22/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-9	25.5	VMP-9-25.5-102221	10/22/2021	< 0.0082	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-011922	1/19/2022	< 0.0091	U		0.0028	J		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-9	25.5	VMP-9-25.5-042722	4/27/2022	< 0.0081	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-042722-DUP	4/27/2022	< 0.0081	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-072222	7/22/2022	< 0.0082	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.014	J		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-072222-DUP	7/22/2022	< 0.0081	U		0.0029	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	38.5	VMP-9-38.5-102221	10/22/2021	< 0.0078	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-9	38.5	VMP-9-38.5-011922	1/19/2022	< 0.0092	U		0.0028	J		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-9	38.5	VMP-9-38.5-011922-DUP	1/19/2022	< 0.0080	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-9	38.5	VMP-9-38.5-042722	4/27/2022	< 0.0084	U		0.0030	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-9	38.5	VMP-9-38.5-072222	7/22/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.012	J		< 0.0048	U	
VMP-18	8.5	VMP-18-8.5-110221	11/2/2021	< 0.0076	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-18	8.5	VMP-18-8.5-012022	1/20/2022	< 0.0087	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.011	J		< 0.0049	U	
VMP-18	8.5	VMP-18-8.5-042722	4/27/2022	< 0.0088	U		0.0032	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-18	8.5	VMP-18-8.5-072222	7/22/2022	< 0.0082	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.01	J		< 0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-19	5	VMP-19-5-102621	10/26/2021	< 0.0088	U		0.0030	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		0.0044	J	J
VMP-19	5	VMP-19-5-102621-DUP	10/26/2021	< 0.0084	U		0.0029	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.018	J		0.029		J
VMP-19	5	VMP-19-5-012022	1/20/2022	< 0.0081	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0086	J		< 0.0046	U	
VMP-19	5	VMP-19-5-050222	5/2/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-19	5	VMP-19-5-050222-DUP	5/2/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-19	5	VMP-19-5-072222	7/22/2022	< 0.0085	U		0.0025	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-20	5	VMP-20-5-110121	11/1/2021	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	< 0.0045	U	
VMP-20	5	VMP-20-5-012522	1/25/2022	< 0.0088	U		0.0023	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-20	5	VMP-20-5-042922	4/29/2022	< 0.0085	U		0.0030	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.013	J		< 0.0048	U	
VMP-20	5	VMP-20-5-080122	8/1/2022	< 0.0086	U		0.0025	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-20	10	VMP-20-10-110121	11/1/2021	< 0.0078	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-20	10	VMP-20-10-012522	1/25/2022	< 0.0071	U		0.0022	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-20	10	VMP-20-10-042922	4/29/2022	< 0.0081	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.014	J		< 0.0046	U	
VMP-20	10	VMP-20-10-080122	8/1/2022	< 0.0081	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-20	25	VMP-20-25-110121	11/1/2021	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-20	25	VMP-20-25-012522	1/25/2022	< 0.0083	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-20	25	VMP-20-25-042922	4/29/2022	< 0.0074	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-20	25	VMP-20-25-080122	8/1/2022	< 0.0087	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-21	5	VMP-21-5-102521	10/25/2021	< 0.0081	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-21	5	VMP-21-5-012122	1/21/2022	< 0.0079	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-21	5	VMP-21-5-042922	4/29/2022	< 0.0082	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.025			0.018		
VMP-21	5	VMP-21-5-072922	7/29/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-21	10	VMP-21-10-102521	10/25/2021	< 0.0080	U		0.0048	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-21	10	VMP-21-10-012122	1/21/2022	< 0.0079	U		0.0035	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0020	J		< 0.019	J	U	< 0.0045	U	
VMP-21	10	VMP-21-10-042922	4/29/2022	< 0.0090	U		0.0044	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		0.042			< 0.0050	U	
VMP-21	10	VMP-21-10-072922	7/29/2022	< 0.0084	U		0.0030	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-21	25	VMP-21-25-102521	10/25/2021	< 0.0081	U		0.0055			< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-21	25	VMP-21-25-012122	1/21/2022	< 0.0078	U		0.0041	J		< 0.0041	U		< 0.035	U		< 0.0047	U		0.0016	J		< 0.019	U		< 0.0044	U	
VMP-21	25	VMP-21-25-012122-DUP	1/21/2022	< 0.0078	U		0.0032	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-21	25	VMP-21-25-042922	4/29/2022	< 0.0084	U		0.0046	J		< 0.0044	U		< 0.038	U		< 0.0051	U		0.0029	J		0.019	J		< 0.0048	U	
VMP-21	25	VMP-21-25-072922	7/29/2022	< 0.0088	U		0.0030	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-21	33	VMP-21-33-102521	10/25/2021	< 0.0074	U		0.0059			< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-21	33	VMP-21-33-102521-DUP	10/25/2021	< 0.0073	U		0.0059			< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-21	33	VMP-21-33-012122	1/21/2022	< 0.0074	U		0.0040	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-21	33	VMP-21-33-042922	4/29/2022	< 0.0084	U		0.0041	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.028			< 0.0048	U	
VMP-21	33	VMP-21-33-072922	7/29/2022	< 0.0086	U		0.0033	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-22	5	VMP-22-5-110121	11/1/2021	< 0.0078	U		0.0032	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-22	5	VMP-22-5-012722	1/27/2022	< 0.0084	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-22	5	VMP-22-5-072622	7/26/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-22	10	VMP-22-10-110121	11/1/2021	< 0.0080	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	< 0.0045	U	
VMP-22	10	VMP-22-10-012722	1/27/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-22	10	VMP-22-10-050522	5/5/2022	< 0.061	U		< 0.039	U		< 0.032	U		< 0.28	U		< 0.037	U		< 0.11	U		< 0.15	U		< 0.034	U	
VMP-22	10	VMP-22-10-072622	7/26/2022	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-22	18	VMP-22-18-012722	1/27/2022	< 0.0079	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	J	U	< 0.0045	U	
VMP-22	18	VMP-22-18-050522	5/5/2022	< 0.032	U		< 0.02	U		< 0.017	U		< 0.14	U		< 0.019	U		< 0.059	U		< 0.078	U		< 0.018	U	
VMP-22	38	VMP-22-38-110121	11/1/2021	< 0.0079	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U	UJ	< 0.0045	U	
VMP-22	38	VMP-22-38-012722	1/27/2022	< 0.0082	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	J	U	< 0.0046	U	
VMP-22	38	VMP-22-38-050522	5/5/2022	< 0.0080	U		0.0031	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0083	J		0.0030	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-23	5	VMP-23-5-102521	10/25/2021	< 0.0078	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		0.0032	J	
VMP-23	5	VMP-23-5-011922	1/19/2022	< 0.0076	U		0.0021	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.012	J		< 0.0043	U	
VMP-23	5	VMP-23-5-050422	5/4/2022	< 0.0082	U		0.0044	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		0.0026	J	
VMP-23	5	VMP-23-5-072522	7/25/2022	< 0.0088	U		0.018			< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-23	10	VMP-23-10-102521	10/25/2021	< 0.0088	U		0.0027	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-23	10	VMP-23-10-011922	1/19/2022	< 0.0074	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0081	J		< 0.0042	U	
VMP-23	10	VMP-23-10-050422	5/4/2022	< 0.0089	U		0.0057	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		0.0015	J	
VMP-23	10	VMP-23-10-072522	7/25/2022	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-23	25	VMP-23-25-102521	10/25/2021	< 0.0079	U		0.0029	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-23	25	VMP-23-25-011922	1/19/2022	< 0.0079	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.013	J		< 0.0045	U	
VMP-23	25	VMP-23-25-050422	5/4/2022	< 0.0083	U		0.0041	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-23	25	VMP-23-25-072522	7/25/2022	< 0.0088	U		0.01			< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.012	J		< 0.0049	U	
VMP-23	40	VMP-23-40-050422	5/4/2022	< 0.0080	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		0.0053		
VMP-23	40	VMP-23-40-050422-DUP	5/4/2022	< 0.0087	U		0.0029	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-24	5	VMP-24-5-102221	10/22/2021	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	5	VMP-24-5-012822	1/28/2022	< 0.0078	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-24	5	VMP-24-5-050322	5/3/2022	< 0.0081	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.044			< 0.0046	U	
VMP-24	5	VMP-24-5-072522	7/25/2022	< 0.0082	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	10	VMP-24-10-102221	10/22/2021	< 0.0074	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-24	10	VMP-24-10-102221-DUP	10/22/2021	< 0.0076	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-24	10	VMP-24-10-012822	1/28/2022	< 0.0081	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	10	VMP-24-10-050322	5/3/2022	< 0.0080	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-24	10	VMP-24-10-072522	7/25/2022	< 0.0081	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	22	VMP-24-22-102221	10/22/2021	< 0.0080	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		0.0036	J	
VMP-24	22	VMP-24-22-012822	1/28/2022	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		0.0047	J		< 0.019	J	U	< 0.0044	U	
VMP-24	22	VMP-24-22-050322	5/3/2022	< 0.0081	U		0.0031	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	22	VMP-24-22-050322-DUP	5/3/2022	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0064	J		< 0.0046	U	
VMP-24	22	VMP-24-22-072522	7/25/2022	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-24	34	VMP-24-34-102221	10/22/2021	< 0.0080	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-24	34	VMP-24-34-012822	1/28/2022	< 0.0076	U		0.0027	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-24	34	VMP-24-34-050322	5/3/2022	< 0.0081	U		0.0035	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	34	VMP-24-34-072522	7/25/2022	< 0.0085	U		0.0026	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-32	5	VMP-32-5-110121	11/1/2021	< 0.0077	U		0.0028	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-32	5	VMP-32-5-012722	1/27/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-32	5	VMP-32-5-042822	4/28/2022	< 0.0087	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-32	5	VMP-32-5-072922	7/29/2022	< 0.0081	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-32	10	VMP-32-10-110121	11/1/2021	< 0.0074	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0045	U		0.016			< 0.018	U	UJ	< 0.0042	U	
VMP-32	10	VMP-32-10-012722	1/27/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-32	10	VMP-32-10-042822	4/28/2022	< 0.0083	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.032			< 0.0047	U	
VMP-32	10	VMP-32-10-072922	7/29/2022	< 0.0088	U		0.0024	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-32	10	VMP-32-10-072922-DUP	7/29/2022	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-32	20	VMP-32-20-110121	11/1/2021	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-32	20	VMP-32-20-042822	4/28/2022	< 0.0081	U		0.0030	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		0.026		
VMP-32	20	VMP-32-20-072922	7/29/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-32	30	VMP-32-30-110121	11/1/2021	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-32	30	VMP-32-30-012722	1/27/2022	< 0.0081	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-32	30	VMP-32-30-012722-DUP	1/27/2022	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-32	30	VMP-32-30-042822	4/28/2022	< 0.0086	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-42	10	VMP-42-10-102621	10/26/2021	< 0.0096	U		0.0029	J		< 0.0051	U		< 0.044	U		< 0.0058	U		< 0.018	U		< 0.024	U		< 0.0054	U	
VMP-42	10	VMP-42-10-012422	1/24/2022	< 0.0088	U		0.0024	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-42	10	VMP-42-10-042822	4/28/2022	< 0.0081	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-42	10	VMP-42-10-072822	7/28/2022	< 0.0081	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0064	J		< 0.0046	U	
VMP-42	20	VMP-42-20-102621	10/26/2021	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-42	20	VMP-42-20-012422	1/24/2022	< 0.0080	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0031	J		< 0.02	U		< 0.0045	U	
VMP-42	20	VMP-42-20-042822	4/28/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.011	J		< 0.0046	U	
VMP-42	20	VMP-42-20-072822	7/28/2022	< 0.0081	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-42	30	VMP-42-30-102621	10/26/2021	< 0.0075	U		0.0026	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-42	30	VMP-42-30-102621-DUP	10/26/2021	< 0.0073	U		0.0042	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.0092	J		< 0.0041	U	
VMP-42	30	VMP-42-30-012422	1/24/2022	< 0.0080	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-42	30	VMP-42-30-042822	4/28/2022	< 0.0078	U		0.0030	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-42	30	VMP-42-30-072822	7/28/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-43	10	VMP-43-10-102621	10/26/2021	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-43	10	VMP-43-10-012722	1/27/2022	< 0.0083	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		0.012	J		< 0.02	U		< 0.0047	U	
VMP-43	10	VMP-43-10-050222	5/2/2022	< 0.0071	U		0.0025	J		< 0.0037	U		< 0.032	U		< 0.0043	U		< 0.013	U		0.043			< 0.0040	U	
VMP-43	10	VMP-43-10-072822	7/28/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.01	J		< 0.0048	U	
VMP-43	20	VMP-43-20-102621	10/26/2021	< 0.0077	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0064	J		< 0.0044	U	
VMP-43	20	VMP-43-20-012722	1/27/2022	< 0.0081	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-43	20	VMP-43-20-050222	5/2/2022	< 0.0083	U		0.0032	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.012	J		< 0.0047	U	
VMP-43	20	VMP-43-20-072822	7/28/2022	< 0.0083	U		0.0024	J		< 0.0044	U		0.0058	J		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-43	20	VMP-43-20-072822-DUP	7/28/2022	< 0.0082	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-43	30	VMP-43-30-102621	10/26/2021	< 0.0079	U		0.0029	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-43	30	VMP-43-30-012722	1/27/2022	< 0.0080	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0063	J		< 0.0045	U	
VMP-43	30	VMP-43-30-050222	5/2/2022	< 0.0082	U		0.0031	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.03			< 0.0046	U	
VMP-43	30	VMP-43-30-050222-DUP	5/2/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		0.0020	J		0.022			< 0.0047	U	
VMP-43	30	VMP-43-30-072822	7/28/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-45	10	VMP-45-10-102721	10/27/2021	< 0.0077	U		0.0026	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-45	10	VMP-45-10-012422	1/24/2022	< 0.0088	U		0.0024	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.0080	J		< 0.0050	U	
VMP-45	10	VMP-45-10-050222	5/2/2022	< 0.0087	U		0.0028	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.096		J	< 0.0049	U	
VMP-45	10	VMP-45-10-050222-DUP	5/2/2022	< 0.0086	U		0.0025	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U	UJ	< 0.0049	U	
VMP-45	10	VMP-45-10-072522	7/25/2022	< 0.0086	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		0.0043	J		0.0083	J		< 0.0049	U	
VMP-45	20	VMP-45-20-102721	10/27/2021	< 0.0073	U		0.0027	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-45	20	VMP-45-20-012422	1/24/2022	< 0.0086	U		0.0023	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-45	20	VMP-45-20-050222	5/2/2022	< 0.0085	U		0.0026	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-45	20	VMP-45-20-072522	7/25/2022	< 0.0092	U		0.0024	J		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.017	U		< 0.023	U		< 0.0052	U	
VMP-45	30	VMP-45-30-102721	10/27/2021	< 0.0078	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0064	J		< 0.0044	U	
VMP-45	30	VMP-45-30-102721-DUP	10/27/2021	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-45	30	VMP-45-30-012422	1/24/2022	< 0.0086	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-45	30	VMP-45-30-050222	5/2/2022	< 0.0082	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-45	30	VMP-45-30-072522	7/25/2022	< 0.0088	U		0.0029	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-47	5	VMP-47-5-110121	11/1/2021	< 0.0073	U		0.0025	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U	UJ	< 0.0041	U	
VMP-47	5	VMP-47-5-022222	2/22/2022	< 0.0079	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-47	5	VMP-47-5-050522	5/5/2022	< 0.0084	U		0.0030	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-47	5	VMP-47-5-080222	8/2/2022	< 0.0087	U		0.0025	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-47	10	VMP-47-10-110121	11/1/2021	< 0.0071	U		0.0032	J		< 0.0037	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.017	U	UJ	< 0.0040	U	
VMP-47	10	VMP-47-10-022222	2/22/2022	< 0.0082	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0028	J		< 0.02	U		< 0.0046	U	
VMP-47	10	VMP-47-10-050522	5/5/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-47	10	VMP-47-10-080222	8/2/2022	< 0.0083	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-47	10	VMP-47-10-080222-DUP	8/2/2022	< 0.0082	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-47	20	VMP-47-20-110121	11/1/2021	< 0.0078	U		0.0032	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-47	20	VMP-47-20-012122	1/21/2022	< 0.0076	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-47	20	VMP-47-20-050522	5/5/2022	< 0.0082	U		0.0032	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-47	20	VMP-47-20-080222	8/2/2022	< 0.0081	U		0.0056			< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.022			< 0.0046	U	
VMP-47	30	VMP-47-30-110121	11/1/2021	< 0.0076	U		0.0022	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0043	U	
VMP-47	30	VMP-47-30-012122	1/21/2022	< 0.0081	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		0.0014	J	
VMP-47	30	VMP-47-30-050522	5/5/2022	< 0.0092	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-47	30	VMP-47-30-080222	8/2/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		0.0016	J	
VMP-48	5	VMP-48-5-110121	11/1/2021	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-48	5	VMP-48-5-012122	1/21/2022	< 0.0076	U		0.0024	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-48	5	VMP-48-5-042922	4/29/2022	< 0.0076	U		0.0030	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0087	J		< 0.0043	U	
VMP-48	5	VMP-48-5-072922	7/29/2022	< 0.0088	U		0.0050	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-48	10	VMP-48-10-110121	11/1/2021	< 0.0079	U		0.0022	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-48	10	VMP-48-10-042922	4/29/2022	< 0.0082	U		0.0030	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.023			< 0.0046	U	
VMP-48	10	VMP-48-10-042922-DUP	4/29/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0019	J		0.011	J		< 0.0046	U	
VMP-48	10	VMP-48-10-072922	7/29/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.02	J		< 0.0047	U	
VMP-48	20	VMP-48-20-110121	11/1/2021	< 0.0077	U		0.0028	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-48	20	VMP-48-20-012122	1/21/2022	< 0.0074	U		0.0019	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	J	U	< 0.0042	U	
VMP-48	20	VMP-48-20-042922	4/29/2022	< 0.0083	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-48	20	VMP-48-20-072922	7/29/2022	< 0.0089	U		0.0027	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	J	U	< 0.0050	U	
VMP-48	30	VMP-48-30-110121	11/1/2021	< 0.0079	U		0.0030	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-48	30	VMP-48-30-042922	4/29/2022	< 0.0077	U		0.0029	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.012	J		< 0.0044	U	
VMP-48	30	VMP-48-30-072922	7/29/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.02	J		< 0.0048	U	
VMP-49	5	VMP-49-5-102721	10/27/2021	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-49	5	VMP-49-5-012122	1/21/2022	< 0.0079	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-49	5	VMP-49-5-050422	5/4/2022	< 0.0091	U		0.0031	J		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-49	5	VMP-49-5-080122	8/1/2022	< 0.0092	U		0.0024	J		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-49	5	VMP-49-5-080122-DUP	8/1/2022	< 0.0089	U		0.0025	J		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-49	10	VMP-49-10-102721	10/27/2021	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-49	10	VMP-49-10-012122	1/21/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-49	10	VMP-49-10-050422	5/4/2022	< 0.0083	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-49	10	VMP-49-10-080122	8/1/2022	< 0.0091	U		0.0023	J		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-49	20	VMP-49-20-102721	10/27/2021	< 0.0083	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-49	20	VMP-49-20-012122	1/21/2022	< 0.0079	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-49	20	VMP-49-20-050422	5/4/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-49	20	VMP-49-20-080122	8/1/2022	< 0.0093	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.017	U		< 0.023	U		< 0.0052	U	
VMP-49	30	VMP-49-30-102721	10/27/2021	< 0.0083	U		0.0026	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-49	30	VMP-49-30-012122	1/21/2022	< 0.0078	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		0.0030	J		< 0.019	J	U	< 0.0044	U	
VMP-49	30	VMP-49-30-050422	5/4/2022	< 0.0083	U		0.0031	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-49	30	VMP-49-30-080122	8/1/2022	< 0.0094	U		0.0026	J		< 0.0050	U		< 0.042	U		< 0.0057	U		< 0.018	U		< 0.023	U		0.0064		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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	VMP-50-5-102521	10/25/2021	< 0.0078	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-50	5	VMP-50-5-012022	1/20/2022	< 0.0080	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-50	5	VMP-50-5-050522	5/5/2022	< 0.0075	U		0.0031	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-50	5	VMP-50-5-072622	7/26/2022	< 0.0080	U		0.0031	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-50	10	VMP-50-10-102521	10/25/2021	< 0.0075	U		0.0030	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-50	10	VMP-50-10-012022	1/20/2022	< 0.0085	U		0.0025	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-50	10	VMP-50-10-050522	5/5/2022	< 0.0073	U		0.0026	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-50	10	VMP-50-10-050522-DUP	5/5/2022	< 0.0073	U		0.0028	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-50	10	VMP-50-10-072622	7/26/2022	< 0.0078	U		0.0030	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-50	10	VMP-50-10-072622-DUP	7/26/2022	< 0.0079	U		0.0029	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-50	20	VMP-50-20-102521	10/25/2021	< 0.0079	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-50	20	VMP-50-20-012022	1/20/2022	< 0.0070	U		0.0022	J		< 0.0037	U		< 0.032	U		< 0.0042	U		0.0018	J		0.0089	J		< 0.0040	U	
VMP-50	20	VMP-50-20-012022-DUP	1/20/2022	< 0.0068	U		0.0023	J		< 0.0036	U		< 0.03	U		< 0.0041	U		< 0.013	U		< 0.016	U		< 0.0038	U	
VMP-50	20	VMP-50-20-050522	5/5/2022	< 0.0075	U		0.0020	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0074	J		< 0.0042	U	
VMP-50	20	VMP-50-20-072622	7/26/2022	< 0.0084	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-50	30	VMP-50-30-102521	10/25/2021	< 0.15	U		< 0.096	U		< 0.078	U		< 0.67	U		< 0.09	U		< 0.28	U		< 0.36	U		< 0.084	U	
VMP-50	30	VMP-50-30-012022	1/20/2022	< 0.026	U		< 0.017	U		< 0.014	U		< 0.12	U		< 0.016	U		< 0.049	U		< 0.064	U		< 0.015	U	
VMP-50	30	VMP-50-30-050522	5/5/2022	< 0.063	U		< 0.04	U		< 0.033	U		< 0.28	U		< 0.038	U		< 0.12	U		< 0.15	U		< 0.035	U	
VMP-50	30	VMP-50-30-072622	7/26/2022	< 0.024	U		< 0.016	U		< 0.013	U		< 0.11	U		< 0.015	U		< 0.046	U		< 0.06	U		< 0.014	U	
VMP-51	5	VMP-51-5-102521	10/25/2021	< 0.0081	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0069	J		< 0.0046	U	
VMP-51	5	VMP-51-5-012722	1/27/2022	< 0.0078	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-51	5	VMP-51-5-042822	4/28/2022	< 0.0079	U		0.0029	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-51	5	VMP-51-5-072522	7/25/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-51	10	VMP-51-10-102521	10/25/2021	< 0.0085	U		0.0026	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-51	10	VMP-51-10-012722	1/27/2022	< 0.0080	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0062	J		< 0.0045	U	
VMP-51	10	VMP-51-10-042822	4/28/2022	< 0.0079	U		0.0031	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-51	10	VMP-51-10-072522	7/25/2022	< 0.0083	U		0.0052	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.014	J		0.0026	J	
VMP-51	20	VMP-51-20-102521	10/25/2021	< 0.0081	U		0.0031	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.013	J		< 0.0046	U	
VMP-51	20	VMP-51-20-012722	1/27/2022	< 0.0083	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-51	20	VMP-51-20-042822	4/28/2022	< 0.0079	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-51	20	VMP-51-20-072522	7/25/2022	< 0.0084	U		0.0038	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-51	30	VMP-51-30-102521	10/25/2021	< 0.0084	U		0.0034	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-51	30	VMP-51-30-012722	1/27/2022	< 0.0088	U		0.0024	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-51	30	VMP-51-30-042822	4/28/2022	< 0.0082	U		0.0029	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-51	30	VMP-51-30-072522	7/25/2022	< 0.0091	U		0.0032	J		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-52	5	VMP-52-5-110221	11/2/2021	< 0.0075	U		0.0020	J		< 0.0040	U		< 0.034	U		< 0.0045	U		0.0051	J		< 0.018	U		< 0.0042	U	
VMP-52	5	VMP-52-5-012722	1/27/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	J	U	< 0.0047	U	
VMP-52	5	VMP-52-5-042822	4/28/2022	< 0.0079	U		0.0030	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-52	10	VMP-52-10-110221	11/2/2021	< 0.0077	U		0.0021	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	10	VMP-52-10-012722	1/27/2022	< 0.0080	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	J	U	< 0.0045	U	
VMP-52	10	VMP-52-10-042822	4/28/2022	< 0.0084	U		0.0030	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		0.024		
VMP-52	20	VMP-52-20-110221	11/2/2021	< 0.0076	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	20	VMP-52-20-110221-DUP	11/2/2021	< 0.0073	U		0.0022	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-52	20	VMP-52-20-012722	1/27/2022	< 0.0086	U		0.0023	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-52	20	VMP-52-20-012722-DUP	1/27/2022	< 0.0086	U		0.0026	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-52	20	VMP-52-20-042822	4/28/2022	< 0.0084	U		0.0035	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-52	20	VMP-52-20-072622	7/26/2022	< 0.0077	U		0.0028	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	30	VMP-52-30-110221	11/2/2021	< 0.0076	U		0.0026	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	30	VMP-52-30-012722	1/27/2022	< 0.0083	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-52	30	VMP-52-30-042822	4/28/2022	< 0.0084	U		0.0032	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-52	30	VMP-52-30-072622	7/26/2022	< 0.0081	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.013	J		< 0.0046	U	
VMP-52	30	VMP-52-30-072622-DUP	7/26/2022	< 0.0081	U		0.0029	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-53	5	VMP-53-5-102221	10/22/2021	< 0.0072	U		0.0025	J		< 0.0038	U		< 0.033	U		< 0.0043	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-53	5	VMP-53-5-011922	1/19/2022	< 0.0086	U		0.0023	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-53	5	VMP-53-5-042722	4/27/2022	< 0.0081	U		0.0030	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	5	VMP-53-5-072222	7/22/2022	< 0.0084	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-53	10	VMP-53-10-102221	10/22/2021	< 0.0080	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-53	10	VMP-53-10-011922	1/19/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-53	10	VMP-53-10-042722	4/27/2022	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-53	10	VMP-53-10-072222	7/22/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.0074	J		< 0.0050	U	
VMP-53	20	VMP-53-20-102221	10/22/2021	< 0.0076	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.018	U		< 0.0043	U	
VMP-53	20	VMP-53-20-011922	1/19/2022	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	20	VMP-53-20-042722	4/27/2022	< 0.0082	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	20	VMP-53-20-072222	7/22/2022	< 0.0086	U		0.0023	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.0094	J		< 0.0049	U	
VMP-53	30	VMP-53-30-102221	10/22/2021	< 0.0078	U		0.0020	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-53	30	VMP-53-30-102221-DUP	10/22/2021	< 0.0073	U		0.0023	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.012	J		< 0.0041	U	
VMP-53	30	VMP-53-30-011922	1/19/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	30	VMP-53-30-042722	4/27/2022	< 0.0086	U		0.0023	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-53	30	VMP-53-30-072222	7/22/2022	< 0.0090	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-54	5	VMP-54-5-102921	10/29/2021	< 0.0073	U		0.0025	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-54	5	VMP-54-5-011922	1/19/2022	< 0.0083	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0069	J		< 0.0047	U	
VMP-54	5	VMP-54-5-042722	4/27/2022	< 0.0078	U		0.0028	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		0.0087	J		< 0.0044	U	
VMP-54	5	VMP-54-5-072222	7/22/2022	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-54	10	VMP-54-10-102921	10/29/2021	< 0.0076	U		0.0030	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-54	10	VMP-54-10-011922	1/19/2022	< 0.0074	U		0.0023	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-54	10	VMP-54-10-011922-DUP	1/19/2022	< 0.0075	U		0.0020	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-54	10	VMP-54-10-042722	4/27/2022	< 0.0083	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-54	10	VMP-54-10-072222	7/22/2022	< 0.0087	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-54	20	VMP-54-20-102921	10/29/2021	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0021	J		< 0.02	U		< 0.0046	U	
VMP-54	20	VMP-54-20-011922	1/19/2022	< 0.0080	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.022			< 0.0045	U	
VMP-54	20	VMP-54-20-042722	4/27/2022	< 0.0085	U		0.0027	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.023			< 0.0048	U	
VMP-54	20	VMP-54-20-072222	7/22/2022	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-54	30	VMP-54-30-102921	10/29/2021	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-54	30	VMP-54-30-011922	1/19/2022	< 0.017	U		< 0.011	U		< 0.0088	U		< 0.076	U		< 0.01	U		< 0.031	U		< 0.041	U		< 0.0094	U	
VMP-54	30	VMP-54-30-042722	4/27/2022	< 0.0083	U		0.0028	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.0075	J		< 0.0047	U	
VMP-54	30	VMP-54-30-072222	7/22/2022	< 0.0085	U		0.0026	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.015	J		< 0.0048	U	
VMP-56	10	VMP-56-10-102221	10/22/2021	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-56	10	VMP-56-10-012522	1/25/2022	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-56	10	VMP-56-10-050422	5/4/2022	< 0.0083	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0072	J		< 0.0047	U	
VMP-56	10	VMP-56-10-080122	8/1/2022	< 0.0085	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.022			< 0.0048	U	
VMP-56	10	VMP-56-10-080122-DUP	8/1/2022	< 0.0090	U		< 0.0058	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-56	25	VMP-56-25-102221	10/22/2021	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-56	25	VMP-56-25-012522	1/25/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	J	U	< 0.0050	U	
VMP-56	25	VMP-56-25-050422	5/4/2022	< 0.0081	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-56	25	VMP-56-25-080122	8/1/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-56	38.5	VMP-56-38.5-050422	5/4/2022	< 43	U		< 27	U		< 22	U		< 190	U		< 26	U		< 80	U		< 100	U		210		
VMP-56	38.5	VMP-56-38.5-080122	8/1/2022	< 22	U		< 14	U		< 12	U		< 40	U		< 13	U		< 41	U		< 27	U		630		

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.0078			270			0.099			5.6			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-62	5	VMP-62-5-110121	11/1/2021	< 0.0073	U		0.0055			< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U	UJ	< 0.0041	U	
VMP-62	5	VMP-62-5-012022	1/20/2022	< 0.0075	U		0.0021	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-62	5	VMP-62-5-050522	5/5/2022	< 0.0083	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-62	5	VMP-62-5-080222	8/2/2022	< 0.0085	U		0.0023	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-62	10	VMP-62-10-110121	11/1/2021	< 0.0078	U		0.0031	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-62	10	VMP-62-10-012022	1/20/2022	< 0.0075	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-62	10	VMP-62-10-050522	5/5/2022	< 0.0081	U		0.0036	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	10	VMP-62-10-080222	8/2/2022	< 0.0082	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	20	VMP-62-20-110121	11/1/2021	< 0.0075	U		0.0024	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U	UJ	< 0.0042	U	
VMP-62	20	VMP-62-20-050522	5/5/2022	< 0.0082	U		0.0032	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	20	VMP-62-20-080222	8/2/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.0077	J		< 0.0049	U	
VMP-62	30	VMP-62-30-110121	11/1/2021	< 0.0075	U		0.0032	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U	UJ	< 0.0042	U	
VMP-62	30	VMP-62-30-110121-DUP	11/1/2021	< 0.0071	U		0.0036	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U	UJ	< 0.0040	U	
VMP-62	30	VMP-62-30-012022	1/20/2022	< 0.0079	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0018	J		0.0093	J		< 0.0045	U	
VMP-62	30	VMP-62-30-012022-DUP	1/20/2022	< 0.0077	U		0.0028	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-62	30	VMP-62-30-050522	5/5/2022	< 0.0079	U		0.0033	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		0.0014	J	
VMP-62	30	VMP-62-30-080222	8/2/2022	< 0.0084	U		0.0028	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-63	5	VMP-63-5-102621	10/26/2021	< 0.0099	U		0.0026	J		< 0.0052	U		< 0.045	U		< 0.0059	U		< 0.018	U		< 0.024	U		< 0.0056	U	
VMP-63	5	VMP-63-5-012422	1/24/2022	< 0.0082	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-63	5	VMP-63-5-050222	5/2/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-63	5	VMP-63-5-072922	7/29/2022	< 0.0088	U		0.0024	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.0070	J		< 0.0050	U	
VMP-63	10	VMP-63-10-102621	10/26/2021	< 0.0094	U		0.0024	J		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-63	10	VMP-63-10-012422	1/24/2022	< 0.0084	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		0.0015	J	
VMP-63	10	VMP-63-10-050222	5/2/2022	< 0.0083	U		0.0030	J		< 0.0044	U		< 0.037	U		< 0.0050	U		0.0043	J		0.02	J		< 0.0047	U	
VMP-63	10	VMP-63-10-072922	7/29/2022	< 0.0078	U		0.0025	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-63	20	VMP-63-20-102621	10/26/2021	< 0.0095	U		0.0028	J		< 0.0050	U		< 0.043	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0054	U	
VMP-63	20	VMP-63-20-012422	1/24/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.018	J		< 0.0048	U	
VMP-63	20	VMP-63-20-050222	5/2/2022	< 0.0083	U		0.0032	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.023			< 0.0047	U	
VMP-63	20	VMP-63-20-072922	7/29/2022	< 0.0080	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-63	30	VMP-63-30-102621	10/26/2021	< 0.0091	U		0.0026	J		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-63	30	VMP-63-30-102621-DUP	10/26/2021	< 0.0091	U		0.0031	J		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-63	30	VMP-63-30-012422	1/24/2022	< 0.0085	U		0.0030	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-63	30	VMP-63-30-012422-DUP	1/24/2022	< 0.0080	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0054	J		0.03			< 0.0045	U	
VMP-63	30	VMP-63-30-050222	5/2/2022	< 0.0079	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-63	30	VMP-63-30-072922	7/29/2022	< 0.0080	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0096	J		< 0.0045	U	
VMP-64	5	VMP-64-5-110121	11/1/2021	< 0.0079	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U	UJ	< 0.0045	U	
VMP-64	5	VMP-64-5-012122	1/21/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	J	U	< 0.0046	U	
VMP-64	5	VMP-64-5-050522	5/5/2022	< 0.0080	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-64	5	VMP-64-5-080122	8/1/2022	< 0.0087	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-64	10	VMP-64-10-110121	11/1/2021	< 0.0076	U		0.0022	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0043	U	
VMP-64	10	VMP-64-10-012122	1/21/2022	< 0.0076	U		0.0022	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-64	10	VMP-64-10-050522	5/5/2022	< 0.0082	U		0.0033	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-64	10	VMP-64-10-080122	8/1/2022	< 0.0085	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-64	20	VMP-64-20-110121	11/1/2021	< 0.0077	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-64	20	VMP-64-20-012122	1/21/2022	< 0.0072	U		0.0021	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-64	20	VMP-64-20-012122-DUP	1/21/2022	< 0.0066	U		0.0022	J		< 0.0035	U		< 0.03	U		< 0.0040	U		< 0.012	U		< 0.016	U		< 0.0037	U	
VMP-64	20	VMP-64-20-050522	5/5/2022	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-64	20	VMP-64-20-050522-DUP	5/5/2022	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-64	20	VMP-64-20-080122	8/1/2022	< 0.0086	U		0.0030	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-64	20	VMP-64-20-080122-DUP	8/1/2022	< 0.0085	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-1-5-102621	10/26/2021	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.022			< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-1	5	VMP-1-5-022222	2/22/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.011			< 0.0069	U		< 0.0055	U		< 0.0050	U	
VMP-1	5	VMP-1-5-050222	5/2/2022	< 0.0056	U		< 0.0047	U		0.0028	J		< 0.014	U		0.018			< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-1	5	VMP-1-5-072822	7/28/2022	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.014	U		< 0.012	U		< 0.0081	U		< 0.0064	U		< 0.0059	U	
VMP-1	8.5	VMP-1-8.5-102621	10/26/2021	< 0.0062	U		< 0.0052	U		< 0.0045	U		< 0.015	U		0.031			< 0.0086	U		< 0.0068	U		< 0.0062	U	
VMP-1	8.5	VMP-1-8.5-012422	1/24/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.01	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-1	8.5	VMP-1-8.5-050222	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.028			< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-1	8.5	VMP-1-8.5-072822	7/28/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		< 0.011	U		< 0.0078	U		0.0065			< 0.0056	U	
VMP-1	23.5	VMP-1-23.5-102621	10/26/2021	< 0.0062	U		< 0.0052	U		< 0.0045	U		< 0.015	U		0.045			< 0.0086	U		< 0.0068	U		< 0.0062	U	
VMP-1	23.5	VMP-1-23.5-012422	1/24/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.02			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-1	23.5	VMP-1-23.5-012422-DUP	1/24/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.023			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-1	23.5	VMP-1-23.5-050222	5/2/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0092	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-1	23.5	VMP-1-23.5-072822	7/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-1	38.5	VMP-1-38.5-102621	10/26/2021	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.015	U		0.023			< 0.0084	U		< 0.0067	U		< 0.0061	U	
VMP-1	38.5	VMP-1-38.5-012422	1/24/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0051	J		< 0.0069	U		0.0061			< 0.0050	U	
VMP-1	38.5	VMP-1-38.5-050222	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.01	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-1	38.5	VMP-1-38.5-072822	7/28/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-2	5	VMP-2-5-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.014			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-2	5	VMP-2-5-012122	1/21/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.011			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-2	5	VMP-2-5-042822	4/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.011			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-2	5	VMP-2-5-072922	7/29/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0043	J		0.0040	J		< 0.0059	U		< 0.0054	U	
VMP-2	8.5	VMP-2-8.5-102521	10/25/2021	0.0040	J		0.0026	J		0.0048			< 0.013	U		0.018			< 0.0073	U		< 0.0058	U		0.0038	J	
VMP-2	8.5	VMP-2-8.5-012122	1/21/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.012			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-2	8.5	VMP-2-8.5-042822	4/28/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.0073	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-2	8.5	VMP-2-8.5-042822-DUP	4/28/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.014			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-2	8.5	VMP-2-8.5-072922	7/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0067	J		0.0048	J		< 0.0058	U		< 0.0053	U	
VMP-2	22	VMP-2-22-102521	10/25/2021	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.065			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-2	22	VMP-2-22-012122	1/21/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.01			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-2	22	VMP-2-22-042822	4/28/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.092			< 0.0075	U		0.0062			< 0.0054	U	
VMP-2	22	VMP-2-22-072922	7/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0066	J		< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-3	5	VMP-3-5-102721	10/27/2021	< 0.0050	U		< 0.0042	U		0.0021	J		< 0.012	U		0.082			< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-3	5	VMP-3-5-012522	1/25/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		< 0.0096	U		< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-3	5	VMP-3-5-050422	5/4/2022	< 0.0052	U		0.0043	J		0.0069			< 0.012	U		0.0090	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-3	5	VMP-3-5-072922	7/29/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0059	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-3	10	VMP-3-10-102721	10/27/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.031			0.0045	J		< 0.0058	U		< 0.0052	U	
VMP-3	10	VMP-3-10-050422	5/4/2022	< 0.0050	U		< 0.0042	U		0.0012	J		< 0.012	U		0.038			< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-3	10	VMP-3-10-050422-DUP	5/4/2022	< 0.0052	U		< 0.0043	U		0.0012	J		< 0.012	U		0.031			0.0066	J		< 0.0056	U		< 0.0052	U	
VMP-3	10	VMP-3-10-072922	7/29/2022	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0042	J		< 0.0079	U		< 0.0063	U		< 0.0058	U	
VMP-3	10	VMP-3-10-072922-DUP	7/29/2022	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		< 0.012	U		< 0.0080	U		< 0.0063	U		< 0.0058	U	
VMP-3	22	VMP-3-22-102721	10/27/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.028			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-3	22	VMP-3-22-012522	1/25/2022	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.011	U		0.019			< 0.0065	U		0.0022	J		< 0.0047	U	
VMP-3	22	VMP-3-22-050422	5/4/2022	< 0.0060	U		< 0.0050	U		0.0025	J		< 0.014	U		0.016			< 0.0083	U		< 0.0066	U		< 0.0060	U	
VMP-3	22	VMP-3-22-072922	7/29/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		< 0.011	U		< 0.0079	U		< 0.0062	U		< 0.0057	U	
VMP-3	31.5	VMP-3-31.5-102721	10/27/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.02			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-3	31.5	VMP-3-31.5-012522	1/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U	UJ	< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-3	31.5	VMP-3-31.5-012522-DUP	1/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.031		J	< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-3	31.5	VMP-3-31.5-050422	5/4/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.02			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-3	31.5	VMP-3-31.5-072922	7/29/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0050	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-4-5-102521	10/25/2021	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.011	U		0.023			< 0.0065	U		< 0.0052	U		< 0.0047	U	
VMP-4	5	VMP-4-5-011922	1/19/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.011			< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-4	5	VMP-4-5-042722	4/27/2022	< 0.0051	U		< 0.0043	U		0.0031	J		< 0.012	U		0.13			< 0.0070	U		0.0042	J		< 0.0051	U	
VMP-4	5	VMP-4-5-072822	7/28/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-4	12	VMP-4-12-102521	10/25/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.014			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-4	12	VMP-4-12-011922	1/19/2022	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0078	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-4	12	VMP-4-12-042722	4/27/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.014			0.0029	J		< 0.0061	U		< 0.0056	U	
VMP-4	12	VMP-4-12-072822	7/28/2022	< 0.0053	U		< 0.0044	U		0.0035	J		< 0.013	U		0.0056	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-4	23.5	VMP-4-23.5-102521	10/25/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.045			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-4	23.5	VMP-4-23.5-011922	1/19/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0061	J		< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-4	23.5	VMP-4-23.5-042722	4/27/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.025			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-4	23.5	VMP-4-23.5-072822	7/28/2022	< 0.0058	U		< 0.0048	U		0.0029	J	J	< 0.014	U		0.0065	J	J	< 0.0079	U		< 0.0063	U		< 0.0058	U	
VMP-5	5	VMP-5-5-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.014			0.0042	J		< 0.0057	U		< 0.0052	U	
VMP-5	5	VMP-5-5-011922	1/19/2022	< 0.0053	U		< 0.0044	U		0.0012	J		< 0.013	U		0.011			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-5	5	VMP-5-5-042822	4/28/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0078	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-5	5	VMP-5-5-072522	7/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0047	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-5	12.5	VMP-5-12.5-102521	10/25/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.017			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-5	12.5	VMP-5-12.5-102521-DUP	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.03			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-5	12.5	VMP-5-12.5-011922	1/19/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0058	J		< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-5	12.5	VMP-5-12.5-042822	4/28/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0076	J		< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-5	12.5	VMP-5-12.5-072522	7/25/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0058	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-5	12.5	VMP-5-12.5-072522-DUP	7/25/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0047	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-5	31	VMP-5-31-102521	10/25/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.024			< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-5	31	VMP-5-31-042822	4/28/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.022			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-5	31	VMP-5-31-072522	7/25/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0073	J		< 0.0079	U		< 0.0063	U		< 0.0057	U	
VMP-5	40	VMP-5-40-011922	1/19/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.015			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-5	40	VMP-5-40-042822	4/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0084	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-5	40	VMP-5-40-072522	7/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		0.0029	J		< 0.0056	U		< 0.0051	U	
VMP-6	5	VMP-6-5-102521	10/25/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.02			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-6	5	VMP-6-5-012522	1/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0073	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-6	5	VMP-6-5-042822	4/28/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.012			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-6	5	VMP-6-5-072622	7/26/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0065	J		0.0021	J		< 0.0056	U		< 0.0051	U	
VMP-6	10	VMP-6-10-102521	10/25/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.026			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-6	10	VMP-6-10-012522	1/25/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		0.011			< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-6	10	VMP-6-10-042822	4/28/2022	< 0.0052	U		< 0.0043	U		0.0013	J		< 0.012	U		0.0073	J		0.025		J	< 0.0056	U		< 0.0052	U	
VMP-6	10	VMP-6-10-042822-DUP	4/28/2022	< 0.0052	U		< 0.0043	U		0.0012	J		< 0.012	U		0.0098	J		0.23		J	< 0.0056	U		< 0.0052	U	
VMP-6	10	VMP-6-10-072622	7/26/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-6	31.5	VMP-6-31.5-102521	10/25/2021	< 0.0047	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.016			< 0.0064	U		< 0.0051	U		< 0.0047	U	
VMP-6	31.5	VMP-6-31.5-012522	1/25/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-6	31.5	VMP-6-31.5-042822	4/28/2022	< 0.0049	U		0.0018	J		0.0061			< 0.012	U		0.014			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-6	31.5	VMP-6-31.5-072622	7/26/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		< 0.011	U		< 0.0079	U		< 0.0062	U		< 0.0057	U	
VMP-6	39	VMP-6-39-102521	10/25/2021	< 0.0049	U		< 0.0040	U		0.0018	J		< 0.012	U		0.023			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-6	39	VMP-6-39-012522	1/25/2022	< 1.1	U		3.9			10			920			< 2.8	U		< 1.6	U		< 1.2	U		< 1.1	U	
VMP-6	39	VMP-6-39-042822	4/28/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.04			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-6	39	VMP-6-39-072622	7/26/2022	< 0.1	U		< 0.087	U		< 0.075	U		3.8			< 0.21	U		< 0.14	U		< 0.11	U		< 0.1	U	

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-7-5-102721	10/27/2021	< 0.0050	U		< 0.0041	U		0.0014	J		0.087			0.12			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-7	5	VMP-7-5-012422	1/24/2022	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.014	U		0.0064	J		< 0.0078	U		< 0.0062	U		< 0.0057	U	
VMP-7	5	VMP-7-5-050222	5/2/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.038			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-7	5	VMP-7-5-072522	7/25/2022	< 0.0053	U		< 0.0044	U		0.0020	J		< 0.013	U		< 0.01	U		0.0085			< 0.0058	U		< 0.0052	U	
VMP-7	13.5	VMP-7-13.5-102721	10/27/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.017			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-7	13.5	VMP-7-13.5-012422	1/24/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0060	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-7	13.5	VMP-7-13.5-050222	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0048	J		0.0021	J		< 0.0058	U		< 0.0054	U	
VMP-7	13.5	VMP-7-13.5-072522	7/25/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0054	J		0.0031	J		0.0036	J		< 0.0054	U	
VMP-7	13.5	VMP-7-13.5-072522-DUP	7/25/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0044	J		0.012			< 0.0059	U		< 0.0054	U	
VMP-7	29.5	VMP-7-29.5-102721	10/27/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		0.026		J	0.013			< 0.0052	U	UJ	< 0.0048	U	
VMP-7	29.5	VMP-7-29.5-102721-DUP	10/27/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.07		J	0.0048	J		0.015		J	< 0.0049	U	
VMP-7	29.5	VMP-7-29.5-012422	1/24/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0041	J		0.014			< 0.0060	U		< 0.0055	U	
VMP-7	29.5	VMP-7-29.5-012422-DUP	1/24/2022	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.015	U		0.01	J		0.015			< 0.0067	U		< 0.0061	U	
VMP-7	29.5	VMP-7-29.5-050222	5/2/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0035	J	J	0.011			< 0.0055	U		< 0.0051	U	
VMP-7	29.5	VMP-7-29.5-050222-DUP	5/2/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.07		J	0.012			< 0.0054	U		< 0.0050	U	
VMP-7	29.5	VMP-7-29.5-072522	7/25/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		0.012			< 0.0058	U		< 0.0052	U	
VMP-7	38	VMP-7-38-050222	5/2/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.029			0.016			< 0.0060	U		< 0.0055	U	
VMP-7	38	VMP-7-38-072522	7/25/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		0.018			< 0.0060	U		< 0.0054	U	
VMP-8	5	VMP-8-5-102921	10/29/2021	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.0063	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-8	5	VMP-8-5-011922	1/19/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.012			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-8	5	VMP-8-5-042722	4/27/2022	< 0.0053	U		< 0.0044	U		0.0019	J		< 0.013	U		0.0078	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-8	5	VMP-8-5-072222	7/22/2022	< 0.0055	U		< 0.0046	U		0.0034	J		< 0.013	U		0.0057	J		0.0045	J		< 0.0060	U		< 0.0055	U	
VMP-8	9.5	VMP-8-9.5-011922	1/19/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.016			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-8	9.5	VMP-8-9.5-042722	4/27/2022	< 0.0053	U		< 0.0044	U		0.0019	J		< 0.013	U		0.012		J	< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-8	9.5	VMP-8-9.5-042722-DUP	4/27/2022	< 0.0054	U		< 0.0045	U		0.0028	J		< 0.013	U		0.046		J	< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-8	9.5	VMP-8-9.5-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.01	J		< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-8	23.5	VMP-8-23.5-011922	1/19/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.016			< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-8	23.5	VMP-8-23.5-042722	4/27/2022	< 0.0056	U		< 0.0046	U		0.0019	J		< 0.013	U		0.063			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-8	23.5	VMP-8-23.5-072222	7/22/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.011			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-8	23.5	VMP-8-23.5-072222-DUP	7/22/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0047	J		0.0023	J		< 0.0058	U		< 0.0053	U	
VMP-8	35.5	VMP-8-35.5-011922	1/19/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0083	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-8	35.5	VMP-8-35.5-042722	4/27/2022	< 0.0052	U		< 0.0043	U		0.0050			0.015			0.054			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-8	35.5	VMP-8-35.5-072222	7/22/2022	< 0.0058	U		< 0.0048	U		0.0026	J		< 0.014	U		0.0057	J		< 0.0079	U		< 0.0063	U		< 0.0058	U	
VMP-9	5	VMP-9-5-102221	10/22/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.035			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-9	5	VMP-9-5-011922	1/19/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0080	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-9	5	VMP-9-5-042722	4/27/2022	< 0.0081	U		< 0.0067	U		< 0.0058	U		< 0.019	U		0.02			< 0.011	U		< 0.0088	U		< 0.0081	U	
VMP-9	5	VMP-9-5-072222	7/22/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0061	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-9	11.5	VMP-9-11.5-102221	10/22/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.011			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-9	11.5	VMP-9-11.5-011922	1/19/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.0074	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-9	11.5	VMP-9-11.5-042722	4/27/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.017			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-9	11.5	VMP-9-11.5-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0064	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-9	25.5	VMP-9-25.5-102221	10/22/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.01	J		0.0022	J		< 0.0058	U		< 0.0052	U	
VMP-9	25.5	VMP-9-25.5-011922	1/19/2022	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		0.01	J		0.0027	J		< 0.0063	U		< 0.0058	U	
VMP-9	25.5	VMP-9-25.5-042722	4/27/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.018			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-9	25.5	VMP-9-25.5-042722-DUP	4/27/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.017			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-9	25.5	VMP-9-25.5-072222	7/22/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.026			0.0019	J		< 0.0058	U		< 0.0052	U	
VMP-9	25.5	VMP-9-25.5-072222-DUP	7/22/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0064	J		< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-9	38.5	VMP-9-38.5-102221	10/22/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.01			0.0038	J		< 0.0054	U		< 0.0050	U	
VMP-9	38.5	VMP-9-38.5-011922	1/19/2022	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.014	U		0.0098	J		0.0062	J		< 0.0064	U		< 0.0059	U	
VMP-9	38.5	VMP-9-38.5-011922-DUP	1/19/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0086	J		0.0053	J		< 0.0056	U		< 0.0051	U	
VMP-9	38.5	VMP-9-38.5-042722	4/27/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.044			0.0034	J		< 0.0059	U		< 0.0054	U	
VMP-9	38.5	VMP-9-38.5-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.021			0.0033	J		< 0.0059	U		< 0.0054	U	
VMP-18	8.5	VMP-18-8.5-110221	11/2/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.042			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-18	8.5	VMP-18-8.5-012022	1/20/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.018			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-18	8.5	VMP-18-8.5-042722	4/27/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.34			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-18	8.5	VMP-18-8.5-072222	7/22/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.01	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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-19	5	VMP-19-5-102621	10/26/2021	< 0.0056	U	UJ	0.0056		J	0.016		J	< 0.014	U	UJ	0.047		J	< 0.0078	U		< 0.0062	U		< 0.0056	U	UJ
VMP-19	5	VMP-19-5-102621-DUP	10/26/2021	0.017		J	0.038		J	0.053		J	0.048		J	0.086		J	< 0.0075	U		< 0.0059	U		0.042		J
VMP-19	5	VMP-19-5-012022	1/20/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.011			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-19	5	VMP-19-5-050222	5/2/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.0089	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-19	5	VMP-19-5-050222-DUP	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.01	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-19	5	VMP-19-5-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0084	J		< 0.0075	U		0.29			< 0.0054	U	
VMP-20	5	VMP-20-5-110121	11/1/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-20	5	VMP-20-5-012522	1/25/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.0047	J		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-20	5	VMP-20-5-042922	4/29/2022	< 0.0054	U		< 0.0045	U		0.0014	J		< 0.013	U		0.011			< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-20	5	VMP-20-5-080122	8/1/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-20	10	VMP-20-10-110121	11/1/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0051	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-20	10	VMP-20-10-012522	1/25/2022	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.011	U		0.0031	J		< 0.0063	U		< 0.0050	U		< 0.0046	U	
VMP-20	10	VMP-20-10-042922	4/29/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.023			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-20	10	VMP-20-10-080122	8/1/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0072	U		0.011			< 0.0052	U	
VMP-20	25	VMP-20-25-110121	11/1/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0047	J		< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-20	25	VMP-20-25-012522	1/25/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0080	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-20	25	VMP-20-25-042922	4/29/2022	< 0.0048	U		< 0.0040	U		0.0012	J		< 0.011	U		0.0087	J		< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-20	25	VMP-20-25-080122	8/1/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-21	5	VMP-21-5-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.011			0.0022	J		< 0.0057	U		< 0.0052	U	
VMP-21	5	VMP-21-5-012122	1/21/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0052	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-21	5	VMP-21-5-042922	4/29/2022	< 0.0053	U		0.068			0.13			0.063			0.014			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-21	5	VMP-21-5-072922	7/29/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0052	J		0.0024	J		< 0.0057	U		< 0.0052	U	
VMP-21	10	VMP-21-10-102521	10/25/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.013			0.0032	J		< 0.0056	U		< 0.0051	U	
VMP-21	10	VMP-21-10-012122	1/21/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0035	J		0.0018	J		< 0.0055	U		< 0.0051	U	
VMP-21	10	VMP-21-10-042922	4/29/2022	< 0.0057	U		< 0.0048	U		0.0041			0.58			0.0086	J		0.0026	J		< 0.0063	U		< 0.0057	U	
VMP-21	10	VMP-21-10-072922	7/29/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		< 0.011	U		0.0032	J		< 0.0059	U		< 0.0054	U	
VMP-21	25	VMP-21-25-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		0.0018	J		< 0.0056	U		< 0.0052	U	
VMP-21	25	VMP-21-25-012122	1/21/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0071	J		0.0026	J		< 0.0054	U		< 0.0050	U	
VMP-21	25	VMP-21-25-012122-DUP	1/21/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0068	J		0.0023	J		< 0.0054	U		< 0.0050	U	
VMP-21	25	VMP-21-25-042922	4/29/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0093	J		0.0032	J		< 0.0059	U		< 0.0054	U	
VMP-21	25	VMP-21-25-072922	7/29/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		< 0.011	U		0.0036	J		< 0.0061	U		< 0.0056	U	
VMP-21	33	VMP-21-33-102521	10/25/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		0.012			0.0042	J		< 0.0052	U		< 0.0048	U	
VMP-21	33	VMP-21-33-102521-DUP	10/25/2021	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.011			0.0034	J		< 0.0051	U		< 0.0046	U	
VMP-21	33	VMP-21-33-012122	1/21/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		< 0.0095	U		0.0032	J		< 0.0052	U		< 0.0048	U	
VMP-21	33	VMP-21-33-042922	4/29/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0039	J		0.0035	J		< 0.0059	U		< 0.0054	U	
VMP-21	33	VMP-21-33-072922	7/29/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		< 0.011	U		0.0033	J		< 0.0060	U		< 0.0055	U	
VMP-22	5	VMP-22-5-110121	11/1/2021	< 0.0050	U		0.0024	J		0.0074			< 0.012	U		0.011			0.0028	J		< 0.0054	U		< 0.0050	U	
VMP-22	5	VMP-22-5-012722	1/27/2022	< 0.0054	U		< 0.0045	U		0.0035	J		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-22	5	VMP-22-5-072622	7/26/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0044	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-22	10	VMP-22-10-110121	11/1/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0056	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-22	10	VMP-22-10-012722	1/27/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0079	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-22	10	VMP-22-10-050522	5/5/2022	< 0.039	U		< 0.032	U		0.08			5.3			< 0.078	U		< 0.054	U		< 0.043	U		< 0.039	U	
VMP-22	10	VMP-22-10-072622	7/26/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0045	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-22	18	VMP-22-18-012722	1/27/2022	< 0.0051	U		0.0019	J		0.0033	J		< 0.012	U		0.034			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-22	18	VMP-22-18-050522	5/5/2022	< 0.02	U		< 0.017	U		0.0092	J		4.2			< 0.04	U		< 0.028	U		< 0.022	U		< 0.02	U	
VMP-22	38	VMP-22-38-110121	11/1/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-22	38	VMP-22-38-012722	1/27/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0047	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-22	38	VMP-22-38-050522	5/5/2022	0.0079			0.0049			0.0086			< 0.012	U		0.021			0.0033	J		< 0.0056	U		0.011		

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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-23	5	VMP-23-5-102521	10/25/2021	**0.01**			**0.0047**			**0.015**			**0.015**			**0.012**			< 0.0069	**U**		< 0.0055	**U**		**0.011**		
VMP-23	5	VMP-23-5-011922	1/19/2022	< 0.0049	**U**		< 0.0040	**U**		< 0.0035	**U**		< 0.012	**U**		**0.016**			< 0.0067	**U**		< 0.0053	**U**		< 0.0049	**U**	
VMP-23	5	VMP-23-5-050422	5/4/2022	**0.0051**	**J**		< 0.0044	**U**		< 0.0038	**U**		< 0.012	**U**		**0.011**			< 0.0072	**U**		< 0.0057	**U**		**0.0068**		
VMP-23	5	VMP-23-5-072522	7/25/2022	< 0.0056	**U**		< 0.0047	**U**		< 0.0040	**U**		< 0.014	**U**		**0.0042**	**J**		**0.0033**	**J**		< 0.0062	**U**		< 0.0056	**U**	
VMP-23	10	VMP-23-10-102521	10/25/2021	< 0.0056	**U**		< 0.0047	**U**		**0.0014**	**J**		< 0.013	**U**		**0.017**			< 0.0077	**U**		< 0.0061	**U**		< 0.0056	**U**	
VMP-23	10	VMP-23-10-011922	1/19/2022	< 0.0048	**U**		< 0.0040	**U**		< 0.0034	**U**		< 0.011	**U**		**0.0092**	**J**		< 0.0066	**U**		< 0.0052	**U**		< 0.0048	**U**	
VMP-23	10	VMP-23-10-050422	5/4/2022	**0.0037**	**J**		< 0.0048	**U**		< 0.0041	**U**		< 0.014	**U**		**0.0072**	**J**		< 0.0079	**U**		< 0.0062	**U**		**0.0046**	**J**	
VMP-23	10	VMP-23-10-072522	7/25/2022	< 0.0055	**U**		< 0.0046	**U**		< 0.0040	**U**		< 0.013	**U**		< 0.011	**U**		< 0.0076	**U**		< 0.0060	**U**		< 0.0055	**U**	
VMP-23	25	VMP-23-25-102521	10/25/2021	< 0.0050	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.021**			< 0.0070	**U**		< 0.0055	**U**		< 0.0050	**U**	
VMP-23	25	VMP-23-25-011922	1/19/2022	< 0.0051	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.032**			< 0.0070	**U**		< 0.0055	**U**		< 0.0051	**U**	
VMP-23	25	VMP-23-25-050422	5/4/2022	**0.0038**	**J**		< 0.0044	**U**		< 0.0038	**U**		< 0.013	**U**		**0.0078**	**J**		< 0.0073	**U**		< 0.0058	**U**		**0.0049**	**J**	
VMP-23	25	VMP-23-25-072522	7/25/2022	< 0.0056	**U**		< 0.0047	**U**		**0.0014**	**J**		< 0.013	**U**		**0.0097**	**J**		< 0.0077	**U**		< 0.0061	**U**		< 0.0056	**U**	
VMP-23	40	VMP-23-40-050422	5/4/2022	**0.0028**	**J**		**0.0056**			**0.0015**	**J**		< 0.012	**U**		**0.0090**	**J**		< 0.0071	**U**		< 0.0056	**U**		**0.014**		
VMP-23	40	VMP-23-40-050422-DUP	5/4/2022	**0.0038**	**J**		< 0.0046	**U**		< 0.0040	**U**		< 0.013	**U**		**0.0094**	**J**		< 0.0077	**U**		< 0.0061	**U**		**0.0056**		
VMP-24	5	VMP-24-5-102221	10/22/2021	< 0.0053	**U**		< 0.0044	**U**		**0.0017**	**J**		< 0.013	**U**		**0.023**			< 0.0072	**U**		< 0.0058	**U**		< 0.0052	**U**	
VMP-24	5	VMP-24-5-012822	1/28/2022	< 0.0050	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.013**			< 0.0069	**U**		< 0.0054	**U**		< 0.0050	**U**	
VMP-24	5	VMP-24-5-050322	5/3/2022	< 0.0052	**U**		< 0.0043	**U**		**0.0011**	**J**		< 0.012	**U**		**0.017**			< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	5	VMP-24-5-072522	7/25/2022	< 0.0052	**U**		< 0.0044	**U**		**0.0034**	**J**		< 0.012	**U**		< 0.01	**U**		< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	10	VMP-24-10-102221	10/22/2021	< 0.0048	**U**		< 0.0040	**U**		< 0.0034	**U**		< 0.011	**U**		**0.021**			< 0.0066	**U**		< 0.0052	**U**		< 0.0048	**U**	
VMP-24	10	VMP-24-10-102221-DUP	10/22/2021	< 0.0049	**U**		< 0.0041	**U**		< 0.0035	**U**		< 0.012	**U**		**0.016**			< 0.0067	**U**		< 0.0053	**U**		< 0.0049	**U**	
VMP-24	10	VMP-24-10-012822	1/28/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		**0.011**			< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	10	VMP-24-10-050322	5/3/2022	< 0.0051	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.021**			< 0.0070	**U**		< 0.0056	**U**		< 0.0051	**U**	
VMP-24	10	VMP-24-10-072522	7/25/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		< 0.01	**U**		< 0.0071	**U**		< 0.0056	**U**		< 0.0052	**U**	
VMP-24	22	VMP-24-22-102221	10/22/2021	**0.011**			**0.0044**			**0.02**			**0.031**			**0.011**			< 0.0071	**U**		< 0.0056	**U**		**0.013**		
VMP-24	22	VMP-24-22-012822	1/28/2022	< 0.0050	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.017**			< 0.0069	**U**		**0.0024**	**J**		< 0.0050	**U**	
VMP-24	22	VMP-24-22-050322	5/3/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		**0.0073**	**J**		< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	22	VMP-24-22-050322-DUP	5/3/2022	< 0.0052	**U**		< 0.0044	**U**		< 0.0038	**U**		< 0.012	**U**		**0.0080**	**J**		< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	22	VMP-24-22-072522	7/25/2022	< 0.0051	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.01**			< 0.0070	**U**		< 0.0056	**U**		< 0.0051	**U**	
VMP-24	34	VMP-24-34-102221	10/22/2021	< 0.0051	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.018**			< 0.0070	**U**		< 0.0056	**U**		< 0.0051	**U**	
VMP-24	34	VMP-24-34-012822	1/28/2022	< 0.0049	**U**		< 0.0040	**U**		**0.0012**	**J**		< 0.012	**U**		**0.013**			< 0.0067	**U**		< 0.0053	**U**		< 0.0049	**U**	
VMP-24	34	VMP-24-34-050322	5/3/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		**0.0076**	**J**		< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-24	34	VMP-24-34-072522	7/25/2022	< 0.0054	**U**		< 0.0045	**U**		< 0.0039	**U**		< 0.013	**U**		**0.0090**	**J**		< 0.0075	**U**		< 0.0060	**U**		< 0.0054	**U**	
VMP-32	5	VMP-32-5-110121	11/1/2021	< 0.0049	**U**		< 0.0041	**U**		< 0.0035	**U**		< 0.012	**U**		**0.0035**	**J**		< 0.0068	**U**		< 0.0054	**U**		< 0.0049	**U**	
VMP-32	5	VMP-32-5-012722	1/27/2022	< 0.0054	**U**		< 0.0045	**U**		< 0.0039	**U**		< 0.013	**U**		**0.0059**	**J**		< 0.0075	**U**		< 0.0059	**U**		< 0.0054	**U**	
VMP-32	5	VMP-32-5-042822	4/28/2022	< 0.0056	**U**		< 0.0046	**U**		< 0.0040	**U**		< 0.013	**U**		**0.0095**	**J**		< 0.0077	**U**		< 0.0061	**U**		< 0.0056	**U**	
VMP-32	5	VMP-32-5-072922	7/29/2022	< 0.0052	**U**		< 0.0043	**U**		**0.0017**	**J**		< 0.012	**U**		< 0.01	**U**		< 0.0071	**U**		< 0.0056	**U**		< 0.0052	**U**	
VMP-32	10	VMP-32-10-110121	11/1/2021	< 0.0048	**U**		< 0.0040	**U**		< 0.0034	**U**		< 0.011	**U**		< 0.0095	**U**		< 0.0066	**U**		< 0.0052	**U**		< 0.0048	**U**	
VMP-32	10	VMP-32-10-012722	1/27/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		**0.0060**	**J**		**0.0036**	**J**		< 0.0057	**U**		< 0.0052	**U**	
VMP-32	10	VMP-32-10-042822	4/28/2022	< 0.0053	**U**		< 0.0044	**U**		**0.0034**	**J**		< 0.013	**U**		**0.044**			**0.0033**	**J**		**0.0065**			< 0.0053	**U**	
VMP-32	10	VMP-32-10-072922	7/29/2022	< 0.0056	**U**		< 0.0047	**U**		< 0.0040	**U**		< 0.014	**U**		< 0.011	**U**		< 0.0078	**U**		< 0.0062	**U**		< 0.0056	**U**	
VMP-32	10	VMP-32-10-072922-DUP	7/29/2022	< 0.0050	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0055	**U**		< 0.0050	**U**	
VMP-32	20	VMP-32-20-110121	11/1/2021	< 0.0050	**U**		< 0.0042	**U**		< 0.0036	**U**		< 0.012	**U**		**0.0056**	**J**		< 0.0069	**U**		< 0.0055	**U**		< 0.0050	**U**	
VMP-32	20	VMP-32-20-042822	4/28/2022	**0.0039**	**J**		**0.091**			**0.2**			**0.12**			**0.048**			**0.13**			< 0.0057	**U**		< 0.0052	**U**	
VMP-32	20	VMP-32-20-072922	7/29/2022	< 0.0054	**U**		< 0.0045	**U**		< 0.0038	**U**		< 0.013	**U**		**0.0056**	**J**		< 0.0074	**U**		< 0.0058	**U**		< 0.0054	**U**	
VMP-32	30	VMP-32-30-110121	11/1/2021	< 0.0050	**U**		< 0.0041	**U**		< 0.0036	**U**		< 0.012	**U**		**0.0058**	**J**		< 0.0068	**U**		< 0.0054	**U**		< 0.0050	**U**	
VMP-32	30	VMP-32-30-012722	1/27/2022	< 0.0052	**U**		< 0.0043	**U**		< 0.0037	**U**		< 0.012	**U**		**0.0072**	**J**		< 0.0072	**U**		< 0.0057	**U**		< 0.0052	**U**	
VMP-32	30	VMP-32-30-012722-DUP	1/27/2022	< 0.0050	**U**		< 0.0041	**U**		< 0.0036	**U**		< 0.012	**U**		**0.0057**	**J**		**0.0069**			< 0.0054	**U**		< 0.0050	**U**	
VMP-32	30	VMP-32-30-042822	4/28/2022	< 0.0055	**U**		< 0.0046	**U**		< 0.0039	**U**		< 0.013	**U**		**0.056**			< 0.0076	**U**		< 0.0060	**U**		< 0.0055	**U**	

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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-42	10	VMP-42-10-102621	10/26/2021	< 0.0062	U		< 0.0051	U		< 0.0044	U		< 0.015	U		0.038			< 0.0085	U		< 0.0067	U		< 0.0062	U	
VMP-42	10	VMP-42-10-012422	1/24/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-42	10	VMP-42-10-042822	4/28/2022	< 0.0052	U		< 0.0043	U		0.0018	J		< 0.012	U		0.014			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-42	10	VMP-42-10-072822	7/28/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-42	20	VMP-42-20-102621	10/26/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.034			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-42	20	VMP-42-20-012422	1/24/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0058	J		< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-42	20	VMP-42-20-042822	4/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0070	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-42	20	VMP-42-20-072822	7/28/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0060	J		< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-42	30	VMP-42-30-102621	10/26/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.028			< 0.0066	U		< 0.0053	U		< 0.0048	U	
VMP-42	30	VMP-42-30-102621-DUP	10/26/2021	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.039			< 0.0064	U		< 0.0051	U		< 0.0046	U	
VMP-42	30	VMP-42-30-012422	1/24/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.015			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-42	30	VMP-42-30-042822	4/28/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.024			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-42	30	VMP-42-30-072822	7/28/2022	< 0.0056	U		< 0.0047	U		0.0013	J		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-43	10	VMP-43-10-102621	10/26/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.026			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-43	10	VMP-43-10-012722	1/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0048	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-43	10	VMP-43-10-050222	5/2/2022	< 0.0045	U		< 0.0038	U		0.0021	J		< 0.011	U		0.014			< 0.0063	U		< 0.0050	U		< 0.0045	U	
VMP-43	10	VMP-43-10-072822	7/28/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0045	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-43	20	VMP-43-20-102621	10/26/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.024			0.0018	J		< 0.0054	U		< 0.0049	U	
VMP-43	20	VMP-43-20-012722	1/27/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0038	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-43	20	VMP-43-20-050222	5/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.022			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-43	20	VMP-43-20-072822	7/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		0.0027	J		< 0.0058	U		< 0.0053	U	
VMP-43	20	VMP-43-20-072822-DUP	7/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-43	30	VMP-43-30-102621	10/26/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.032			< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-43	30	VMP-43-30-012722	1/27/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.015			< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-43	30	VMP-43-30-050222	5/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0072	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-43	30	VMP-43-30-050222-DUP	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0045	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-43	30	VMP-43-30-072822	7/28/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-45	10	VMP-45-10-102721	10/27/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.021			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-45	10	VMP-45-10-012422	1/24/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.0061	J		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-45	10	VMP-45-10-050222	5/2/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.019			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-45	10	VMP-45-10-050222-DUP	5/2/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.021			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-45	10	VMP-45-10-072522	7/25/2022	< 0.0055	U		< 0.0046	U		0.0023	J		< 0.013	U		0.0063	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-45	20	VMP-45-20-102721	10/27/2021	< 0.0047	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.021			< 0.0064	U		< 0.0051	U		< 0.0047	U	
VMP-45	20	VMP-45-20-012422	1/24/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.0065	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-45	20	VMP-45-20-050222	5/2/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0077	J		< 0.0075	U		< 0.0060	U		< 0.0054	U	
VMP-45	20	VMP-45-20-072522	7/25/2022	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.014	U		< 0.012	U		0.0048	J		< 0.0065	U		< 0.0059	U	
VMP-45	30	VMP-45-30-102721	10/27/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.044			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-45	30	VMP-45-30-102721-DUP	10/27/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.024			< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-45	30	VMP-45-30-012422	1/24/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.01	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-45	30	VMP-45-30-050222	5/2/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.021			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-45	30	VMP-45-30-072522	7/25/2022	< 0.0056	U		< 0.0047	U		0.0013	J		< 0.013	U		0.011	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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-47	5	VMP-47-5-110121	11/1/2021	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.011	U		0.0034	J		< 0.0065	U		< 0.0051	U		< 0.0047	U	
VMP-47	5	VMP-47-5-022222	2/22/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.011			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-47	5	VMP-47-5-050522	5/5/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.011			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-47	5	VMP-47-5-080222	8/2/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-47	10	VMP-47-10-110121	11/1/2021	< 0.0045	U		< 0.0038	U		< 0.0033	U		< 0.011	U		0.0045	J		< 0.0063	U		< 0.0050	U		< 0.0045	U	
VMP-47	10	VMP-47-10-022222	2/22/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0048	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-47	10	VMP-47-10-050522	5/5/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.014			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-47	10	VMP-47-10-080222	8/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		0.013			< 0.011	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-47	10	VMP-47-10-080222-DUP	8/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-47	20	VMP-47-20-110121	11/1/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0069	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-47	20	VMP-47-20-012122	1/21/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.0055	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-47	20	VMP-47-20-050522	5/5/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	J	U	< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-47	20	VMP-47-20-080222	8/2/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.028			0.0036	J		0.0038	J		< 0.0052	U	
VMP-47	30	VMP-47-30-110121	11/1/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-47	30	VMP-47-30-012122	1/21/2022	0.0057			< 0.0043	U		< 0.0037	U		< 0.012	U		0.0084	J		< 0.0071	U		< 0.0056	U		0.0061		
VMP-47	30	VMP-47-30-050522	5/5/2022	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.014	U		0.01	J		0.017			< 0.0064	U		< 0.0059	U	
VMP-47	30	VMP-47-30-080222	8/2/2022	< 0.0053	U		0.0020	J		0.0020	J		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-48	5	VMP-48-5-110121	11/1/2021	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0062	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-48	5	VMP-48-5-012122	1/21/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.0060	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-48	5	VMP-48-5-042922	4/29/2022	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0087	J		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-48	5	VMP-48-5-072922	7/29/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-48	10	VMP-48-10-110121	11/1/2021	< 0.0050	U		0.063			1.2			1.1			0.013			0.0025	J		< 0.0055	U		< 0.0050	U	
VMP-48	10	VMP-48-10-042922	4/29/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.022			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-48	10	VMP-48-10-042922-DUP	4/29/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.019			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-48	10	VMP-48-10-072922	7/29/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0079	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-48	20	VMP-48-20-110121	11/1/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.038			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-48	20	VMP-48-20-012122	1/21/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		0.044			< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-48	20	VMP-48-20-042922	4/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.026			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-48	20	VMP-48-20-072922	7/29/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0043	J		< 0.0079	U		< 0.0062	U		< 0.0057	U	
VMP-48	30	VMP-48-30-110121	11/1/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-48	30	VMP-48-30-042922	4/29/2022	< 0.0049	U		< 0.0041	U		0.0013	J		< 0.012	U		0.0067	J		< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-48	30	VMP-48-30-072922	7/29/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0098	J		< 0.0074	U		0.02			< 0.0054	U	
VMP-49	5	VMP-49-5-102721	10/27/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.021			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-49	5	VMP-49-5-012122	1/21/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0078	J		< 0.0070	U		< 0.0055	U		0.0028	J	
VMP-49	5	VMP-49-5-050422	5/4/2022	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		0.046			< 0.0080	U		< 0.0064	U		< 0.0058	U	
VMP-49	5	VMP-49-5-080122	8/1/2022	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.014	U		< 0.012	U		< 0.0081	U		< 0.0064	U		< 0.0059	U	
VMP-49	5	VMP-49-5-080122-DUP	8/1/2022	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.0062	U		< 0.0057	U	
VMP-49	10	VMP-49-10-102721	10/27/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.02			< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-49	10	VMP-49-10-012122	1/21/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.016			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-49	10	VMP-49-10-050422	5/4/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.014			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-49	10	VMP-49-10-080122	8/1/2022	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		< 0.012	U		< 0.0080	U		< 0.0063	U		< 0.0058	U	
VMP-49	20	VMP-49-20-102721	10/27/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.023			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-49	20	VMP-49-20-012122	1/21/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0078	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-49	20	VMP-49-20-050422	5/4/2022	< 0.0054	U		< 0.0045	U		0.0026	J		< 0.013	U		0.0061	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-49	20	VMP-49-20-080122	8/1/2022	< 0.0059	U		< 0.0050	U		< 0.0043	U		< 0.014	U		< 0.012	U		< 0.0082	U		< 0.0065	U		< 0.0059	U	
VMP-49	30	VMP-49-30-102721	10/27/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.023			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-49	30	VMP-49-30-012122	1/21/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0035	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-49	30	VMP-49-30-050422	5/4/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0086	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-49	30	VMP-49-30-080122	8/1/2022	0.01			0.0047	J		0.0045			< 0.014	U		< 0.012	U		< 0.0083	U		< 0.0066	U		0.0093		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-50-5-102521	10/25/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0098	J		0.0075			< 0.0055	U		< 0.0050	U	
VMP-50	5	VMP-50-5-012022	1/20/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0078	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-50	5	VMP-50-5-050522	5/5/2022	0.0028	J		0.0018	J		0.0088			0.054			0.012			< 0.0066	U		< 0.0052	U		0.0045	J	
VMP-50	5	VMP-50-5-072622	7/26/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0060	J		0.011			< 0.0056	U		< 0.0051	U	
VMP-50	10	VMP-50-10-102521	10/25/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.011			0.0085			< 0.0052	U		< 0.0048	U	
VMP-50	10	VMP-50-10-012022	1/20/2022	< 0.0054	U		< 0.0045	U		0.0015	J		< 0.013	U		0.0069	J		0.0036	J		< 0.0060	U		< 0.0054	U	
VMP-50	10	VMP-50-10-050522	5/5/2022	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.011	U		0.0073	J		0.0037	J		< 0.0051	U		< 0.0047	U	
VMP-50	10	VMP-50-10-050522-DUP	5/5/2022	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.0087	J		0.0029	J		< 0.0051	U		< 0.0046	U	
VMP-50	10	VMP-50-10-072622	7/26/2022	< 0.0050	U	UJ	< 0.0042	U		< 0.0036	U		< 0.012	U		0.0060	J		0.0063	J		< 0.0055	U		< 0.0050	U	UJ
VMP-50	10	VMP-50-10-072622-DUP	7/26/2022	0.013		J	< 0.0042	U		< 0.0036	U		< 0.012	U		0.0036	J		0.0055	J		< 0.0055	U		0.021		J
VMP-50	20	VMP-50-20-102521	10/25/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0097	J		0.0052	J		< 0.0055	U		< 0.0051	U	
VMP-50	20	VMP-50-20-012022	1/20/2022	< 0.0045	U		< 0.0037	U		0.0024	J		< 0.011	U		0.021			0.0040	J		< 0.0049	U		< 0.0045	U	
VMP-50	20	VMP-50-20-012022-DUP	1/20/2022	< 0.0043	U		< 0.0036	U		< 0.0031	U		< 0.01	U		0.0069	J		0.0047	J		< 0.0047	U		< 0.0043	U	
VMP-50	20	VMP-50-20-050522	5/5/2022	0.0025	J		< 0.0040	U		0.0012	J		< 0.012	U		0.016			0.0027	J		< 0.0053	U		0.0033	J	
VMP-50	20	VMP-50-20-072622	7/26/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		< 0.011	U		< 0.0074	U		0.0047	J		< 0.0054	U	
VMP-50	30	VMP-50-30-102521	10/25/2021	< 0.095	U		< 0.08	U		0.065	J		9.7			< 0.19	U		< 0.13	U		< 0.1	U		< 0.095	U	
VMP-50	30	VMP-50-30-012022	1/20/2022	< 0.017	U		< 0.014	U		0.023			2.6			< 0.034	U		< 0.023	U		< 0.018	U		< 0.017	U	
VMP-50	30	VMP-50-30-050522	5/5/2022	< 0.04	U		< 0.033	U		0.19			8.1			< 0.08	U		< 0.055	U		< 0.044	U		< 0.04	U	
VMP-50	30	VMP-50-30-072622	7/26/2022	< 0.016	U		< 0.013	U		0.031			2.3			0.061			< 0.022	U		< 0.017	U		< 0.016	U	
VMP-51	5	VMP-51-5-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.031			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-51	5	VMP-51-5-012722	1/27/2022	< 0.0050	U		< 0.0042	U		0.0010	J		< 0.012	U		0.0051	J		< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-51	5	VMP-51-5-042822	4/28/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0069	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-51	5	VMP-51-5-072522	7/25/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.011	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-51	10	VMP-51-10-102521	10/25/2021	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.017			0.0040	J		< 0.0060	U		< 0.0054	U	
VMP-51	10	VMP-51-10-012722	1/27/2022	0.0028	J		< 0.0042	U		< 0.0036	U		< 0.012	U		0.03			< 0.0070	U		< 0.0056	U		0.0031	J	
VMP-51	10	VMP-51-10-042822	4/28/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.02			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-51	10	VMP-51-10-072522	7/25/2022	0.0048	J		0.0032	J		0.0044			< 0.013	U		0.018			0.0042	J		< 0.0058	U		0.0050	J	
VMP-51	20	VMP-51-20-102521	10/25/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.023			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-51	20	VMP-51-20-012722	1/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-51	20	VMP-51-20-042822	4/28/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.043			0.38			< 0.0055	U		< 0.0051	U	
VMP-51	20	VMP-51-20-072522	7/25/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0049	J		0.14			< 0.0059	U		< 0.0054	U	
VMP-51	30	VMP-51-30-102521	10/25/2021	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.019			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-51	30	VMP-51-30-012722	1/27/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.012			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-51	30	VMP-51-30-042822	4/28/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.027			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-51	30	VMP-51-30-072522	7/25/2022	< 0.0058	U		< 0.0049	U		< 0.0042	U		< 0.014	U		0.0052	J		< 0.0081	U		0.0045	J		< 0.0058	U	
VMP-52	5	VMP-52-5-110221	11/2/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.019			< 0.0066	U		< 0.0053	U		< 0.0048	U	
VMP-52	5	VMP-52-5-012722	1/27/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0082	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-52	5	VMP-52-5-042822	4/28/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0081	J		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-52	10	VMP-52-10-110221	11/2/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.038			0.0019	J		< 0.0054	U		< 0.0049	U	
VMP-52	10	VMP-52-10-012722	1/27/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.011			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-52	10	VMP-52-10-042822	4/28/2022	0.0031	J		0.1			0.23			0.19			0.12			< 0.0075	U		0.017			< 0.0054	U	
VMP-52	20	VMP-52-20-110221	11/2/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.012		J	< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-52	20	VMP-52-20-110221-DUP	11/2/2021	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.036		J	0.0022	J		< 0.0051	U		< 0.0046	U	
VMP-52	20	VMP-52-20-012722	1/27/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.0041	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-52	20	VMP-52-20-012722-DUP	1/27/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-52	20	VMP-52-20-042822	4/28/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.045			< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-52	20	VMP-52-20-072622	7/26/2022	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0038	J		< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-52	30	VMP-52-30-110221	11/2/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.013			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-52	30	VMP-52-30-012722	1/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0071	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-52	30	VMP-52-30-042822	4/28/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0097	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-52	30	VMP-52-30-072622	7/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-52	30	VMP-52-30-072622-DUP	7/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.0056	U		< 0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-53-5-102221	10/22/2021	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.011	U		0.0091	J		< 0.0064	U		< 0.0050	U		< 0.0046	U	
VMP-53	5	VMP-53-5-011922	1/19/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.014			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-53	5	VMP-53-5-042722	4/27/2022	< 0.0052	U		< 0.0043	U		0.0018	J		< 0.012	U		0.0099	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-53	5	VMP-53-5-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0096	J		0.0092			< 0.0059	U		< 0.0054	U	
VMP-53	10	VMP-53-10-102221	10/22/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.011			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-53	10	VMP-53-10-011922	1/19/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0053	J		< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-53	10	VMP-53-10-042722	4/27/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0098	J		< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-53	10	VMP-53-10-072222	7/22/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.0057	J		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-53	20	VMP-53-20-102221	10/22/2021	< 0.0048	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.044			< 0.0067	U		< 0.0053	U		< 0.0048	U	
VMP-53	20	VMP-53-20-011922	1/19/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0067	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-53	20	VMP-53-20-042722	4/27/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0088	J		0.0020	J		< 0.0057	U		< 0.0052	U	
VMP-53	20	VMP-53-20-072222	7/22/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.019			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-53	30	VMP-53-30-102221	10/22/2021	0.0019	J		< 0.0042	U		< 0.0036	U		< 0.012	U		0.023		J	0.0020	J		< 0.0054	U		0.0030	J	
VMP-53	30	VMP-53-30-102221-DUP	10/22/2021	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.053		J	< 0.0064	U		< 0.0051	U		< 0.0046	U	
VMP-53	30	VMP-53-30-011922	1/19/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0083	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-53	30	VMP-53-30-042722	4/27/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.026			0.0050	J		< 0.0060	U		< 0.0055	U	
VMP-53	30	VMP-53-30-072222	7/22/2022	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0092	J		< 0.0079	U		< 0.0063	U		< 0.0058	U	
VMP-54	5	VMP-54-5-102921	10/29/2021	< 0.0047	U		< 0.0039	U		< 0.0033	U		0.0039	J		0.021			0.0024	J		< 0.0051	U		< 0.0047	U	
VMP-54	5	VMP-54-5-011922	1/19/2022	< 0.0053	U		< 0.0044	U		0.0013	J		< 0.013	U		0.022			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-54	5	VMP-54-5-042722	4/27/2022	< 0.0050	U		< 0.0042	U		0.0017	J		< 0.012	U		0.016			< 0.0069	U		< 0.0055	U		< 0.0050	U	
VMP-54	5	VMP-54-5-072222	7/22/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0041	J		0.0060	J		< 0.0058	U		< 0.0052	U	
VMP-54	10	VMP-54-10-102921	10/29/2021	< 0.0049	U		< 0.0040	U		0.0030	J		< 0.012	U		0.016			0.0050	J		< 0.0053	U		< 0.0049	U	
VMP-54	10	VMP-54-10-011922	1/19/2022	< 0.0047	U		< 0.0039	U		0.00096	J		< 0.011	U		0.018			0.0059	J		< 0.0052	U		< 0.0047	U	
VMP-54	10	VMP-54-10-011922-DUP	1/19/2022	< 0.0048	U		< 0.0040	U		0.0010	J		< 0.012	U		0.011			< 0.0066	U		< 0.0053	U		< 0.0048	U	
VMP-54	10	VMP-54-10-042722	4/27/2022	< 0.0053	U		< 0.0044	U		0.0033	J		< 0.013	U		0.014			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-54	10	VMP-54-10-072222	7/22/2022	< 0.0056	U		< 0.0046	U		0.0012	J		< 0.013	U		< 0.011	U		0.0031	J		< 0.0061	U		< 0.0056	U	
VMP-54	20	VMP-54-20-102921	10/29/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.012			0.0025	J		< 0.0057	U		< 0.0052	U	
VMP-54	20	VMP-54-20-011922	1/19/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.042			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-54	20	VMP-54-20-042722	4/27/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.04			0.0021	J		< 0.0060	U		< 0.0054	U	
VMP-54	20	VMP-54-20-072222	7/22/2022	< 0.0052	U		< 0.0043	U		0.0044			< 0.012	U		0.0054	J		0.0022	J		< 0.0057	U		< 0.0052	U	
VMP-54	30	VMP-54-30-102921	10/29/2021	< 0.0053	U		< 0.0044	U		0.0011	J		< 0.013	U		0.015			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-54	30	VMP-54-30-011922	1/19/2022	< 0.011	U		< 0.0089	U		< 0.0077	U		< 0.026	U		< 0.021	U		< 0.015	U		< 0.012	U		< 0.011	U	
VMP-54	30	VMP-54-30-042722	4/27/2022	< 0.0053	U		< 0.0044	U		0.0011	J		< 0.013	U		0.022			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-54	30	VMP-54-30-072222	7/22/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0071	J		0.0047	J		0.0030	J		< 0.0054	U	
VMP-56	10	VMP-56-10-102221	10/22/2021	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.014			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-56	10	VMP-56-10-012522	1/25/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-56	10	VMP-56-10-050422	5/4/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0046	J		< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-56	10	VMP-56-10-080122	8/1/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0039	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-56	10	VMP-56-10-080122-DUP	8/1/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0045	J		< 0.0079	U		< 0.0063	U		< 0.0057	U	
VMP-56	25	VMP-56-25-102221	10/22/2021	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.028			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-56	25	VMP-56-25-012522	1/25/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.019			< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-56	25	VMP-56-25-050422	5/4/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0086	J		< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-56	25	VMP-56-25-080122	8/1/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-56	38.5	VMP-56-38.5-050422	5/4/2022	86		J	1300			4000			8800			26	J		< 38	U		< 30	U		54		
VMP-56	38.5	VMP-56-38.5-080122	8/1/2022	220			2600			9700			17000			< 35	U		< 20	U		< 15	U		160		

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			0.55			1.5					
				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	VMP-62-5-110121	11/1/2021	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.011	U		0.033			< 0.0064	U		< 0.0051	U		< 0.0046	U	
VMP-62	5	VMP-62-5-012022	1/20/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.01			< 0.0066	U		< 0.0053	U		< 0.0048	U	
VMP-62	5	VMP-62-5-050522	5/5/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.015			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-62	5	VMP-62-5-080222	8/2/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-62	10	VMP-62-10-110121	11/1/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0036	J		< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-62	10	VMP-62-10-012022	1/20/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.0082	J		< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-62	10	VMP-62-10-050522	5/5/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.04			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-62	10	VMP-62-10-080222	8/2/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-62	20	VMP-62-20-110121	11/1/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.013			< 0.0066	U		< 0.0053	U		< 0.0048	U	
VMP-62	20	VMP-62-20-050522	5/5/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.013			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-62	20	VMP-62-20-080222	8/2/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.0079	J		0.0028	J		0.013			< 0.0056	U	
VMP-62	30	VMP-62-30-110121	11/1/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.0045	J		0.0049	J		< 0.0053	U		< 0.0048	U	
VMP-62	30	VMP-62-30-110121-DUP	11/1/2021	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.011	U		0.0056	J		0.0046	J		< 0.0050	U		< 0.0046	U	
VMP-62	30	VMP-62-30-012022	1/20/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.016			0.011			< 0.0055	U		< 0.0051	U	
VMP-62	30	VMP-62-30-012022-DUP	1/20/2022	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0093	J		0.01			< 0.0054	U		< 0.0049	U	
VMP-62	30	VMP-62-30-050522	5/5/2022	0.0037	J		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0090	J		0.024			< 0.0055	U		0.0053		
VMP-62	30	VMP-62-30-080222	8/2/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0066	J		0.0043	J		< 0.0058	U		< 0.0054	U	
VMP-63	5	VMP-63-5-102621	10/26/2021	< 0.0063	U		< 0.0053	U		< 0.0045	U		< 0.015	U		0.019			< 0.0087	U		< 0.0069	U		< 0.0063	U	
VMP-63	5	VMP-63-5-012422	1/24/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0038	J		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-63	5	VMP-63-5-050222	5/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U	UJ	0.011			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-63	5	VMP-63-5-072922	7/29/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-63	10	VMP-63-10-102621	10/26/2021	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.014	U		0.036			< 0.0083	U		< 0.0066	U		< 0.0060	U	
VMP-63	10	VMP-63-10-012422	1/24/2022	0.0074			< 0.0045	U		< 0.0038	U		< 0.013	U		0.0046	J		< 0.0074	U		< 0.0059	U		0.0072		
VMP-63	10	VMP-63-10-050222	5/2/2022	0.0036	J		< 0.0044	U		< 0.0038	U		< 0.013	U		0.023			< 0.0073	U		< 0.0058	U		0.0050	J	
VMP-63	10	VMP-63-10-072922	7/29/2022	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-63	20	VMP-63-20-102621	10/26/2021	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.015	U		0.019			0.0022	J		< 0.0067	U		< 0.0061	U	
VMP-63	20	VMP-63-20-012422	1/24/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.037			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-63	20	VMP-63-20-050222	5/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0066	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-63	20	VMP-63-20-072922	7/29/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-63	30	VMP-63-30-102621	10/26/2021	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		0.03			< 0.0080	U		< 0.0064	U		< 0.0058	U	
VMP-63	30	VMP-63-30-102621-DUP	10/26/2021	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.014	U		0.024			< 0.0080	U		< 0.0064	U		< 0.0058	U	
VMP-63	30	VMP-63-30-012422	1/24/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.012		J	< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-63	30	VMP-63-30-012422-DUP	1/24/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.16		J	< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-63	30	VMP-63-30-050222	5/2/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.011			0.0051	J		< 0.0055	U		< 0.0051	U	
VMP-63	30	VMP-63-30-072922	7/29/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0035	J		0.0042	J		< 0.0056	U		< 0.0051	U	
VMP-64	5	VMP-64-5-110121	11/1/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0043	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-64	5	VMP-64-5-012122	1/21/2022	0.0054			< 0.0044	U		< 0.0038	U		< 0.013	U		0.023			< 0.0072	U		< 0.0058	U		0.0048	J	
VMP-64	5	VMP-64-5-050522	5/5/2022	0.0023	J		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	J	U	< 0.0070	U		< 0.0056	U		0.0036	J	
VMP-64	5	VMP-64-5-080122	8/1/2022	< 0.0056	U		< 0.0046	U		0.0025	J		< 0.013	U		0.0068	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-64	10	VMP-64-10-110121	11/1/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-64	10	VMP-64-10-012122	1/21/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.015			< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-64	10	VMP-64-10-050522	5/5/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		< 0.01	J	U	< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-64	10	VMP-64-10-080122	8/1/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-64	20	VMP-64-20-110121	11/1/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0074	J		0.058			< 0.0054	U		< 0.0049	U	
VMP-64	20	VMP-64-20-012122	1/21/2022	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.011	U		< 0.0092	U		0.045			< 0.0050	U		< 0.0046	U	
VMP-64	20	VMP-64-20-012122-DUP	1/21/2022	< 0.0042	U		< 0.0035	U		< 0.0030	U		< 0.01	U		< 0.0084	U		0.046			< 0.0046	U		< 0.0042	U	
VMP-64	20	VMP-64-20-050522	5/5/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	J	U	0.076			< 0.0057	U		< 0.0052	U	
VMP-64	20	VMP-64-20-050522-DUP	5/5/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0098	J		0.078			< 0.0057	U		< 0.0052	U	
VMP-64	20	VMP-64-20-080122	8/1/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		0.095			< 0.0060	U		< 0.0055	U	
VMP-64	20	VMP-64-20-080122-DUP	8/1/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		0.095			< 0.0059	U		< 0.0054	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			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-1-5-102621	10/26/2021	< 0.0056	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-1	5	VMP-1-5-022222	2/22/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-1	5	VMP-1-5-050222	5/2/2022	< 0.0056	U		0.0042	J		0.0022	J		< 0.0050	U	
VMP-1	5	VMP-1-5-072822	7/28/2022	< 0.0059	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-1	8.5	VMP-1-8.5-102621	10/26/2021	< 0.0062	U		< 0.0059	U		< 0.0055	U		< 0.0055	U	
VMP-1	8.5	VMP-1-8.5-012422	1/24/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-1	8.5	VMP-1-8.5-050222	5/2/2022	< 0.0054	U		< 0.0051	U		0.0014	J		< 0.0048	U	
VMP-1	8.5	VMP-1-8.5-072822	7/28/2022	< 0.0056	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-1	23.5	VMP-1-23.5-102621	10/26/2021	< 0.0062	U		< 0.0059	U		< 0.0055	U		< 0.0055	U	
VMP-1	23.5	VMP-1-23.5-012422	1/24/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-1	23.5	VMP-1-23.5-012422-DUP	1/24/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-1	23.5	VMP-1-23.5-050222	5/2/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-1	23.5	VMP-1-23.5-072822	7/28/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-1	38.5	VMP-1-38.5-102621	10/26/2021	< 0.0061	U		< 0.0058	U		< 0.0054	U		< 0.0054	U	
VMP-1	38.5	VMP-1-38.5-012422	1/24/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-1	38.5	VMP-1-38.5-050222	5/2/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-1	38.5	VMP-1-38.5-072822	7/28/2022	< 0.0055	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-2	5	VMP-2-5-102521	10/25/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-2	5	VMP-2-5-012122	1/21/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-2	5	VMP-2-5-042822	4/28/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-2	5	VMP-2-5-072922	7/29/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-2	8.5	VMP-2-8.5-102521	10/25/2021	< 0.0053	U		0.0099			0.0048			0.0024	J	
VMP-2	8.5	VMP-2-8.5-012122	1/21/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-2	8.5	VMP-2-8.5-042822	4/28/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-2	8.5	VMP-2-8.5-042822-DUP	4/28/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-2	8.5	VMP-2-8.5-072922	7/29/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-2	22	VMP-2-22-102521	10/25/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-2	22	VMP-2-22-012122	1/21/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-2	22	VMP-2-22-042822	4/28/2022	< 0.0054	U		0.0028	J		< 0.0048	U		< 0.0048	U	
VMP-2	22	VMP-2-22-072922	7/29/2022	< 0.0053	U		0.0030	J		< 0.0047	U		< 0.0047	U	
VMP-3	5	VMP-3-5-102721	10/27/2021	< 0.0050	U		0.0012	J		< 0.0044	U		< 0.0044	U	
VMP-3	5	VMP-3-5-012522	1/25/2022	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-3	5	VMP-3-5-050422	5/4/2022	< 0.0052	U		0.02			0.0081			0.0018	J	
VMP-3	5	VMP-3-5-072922	7/29/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-3	10	VMP-3-10-102721	10/27/2021	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-3	10	VMP-3-10-050422	5/4/2022	< 0.0050	U		0.0026	J		0.0017	J		< 0.0044	U	
VMP-3	10	VMP-3-10-050422-DUP	5/4/2022	< 0.0052	U		0.0028	J		0.0020	J		< 0.0046	U	
VMP-3	10	VMP-3-10-072922	7/29/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-3	10	VMP-3-10-072922-DUP	7/29/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-3	22	VMP-3-22-102721	10/27/2021	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-3	22	VMP-3-22-012522	1/25/2022	< 0.0047	U		< 0.0045	U		< 0.0041	U		< 0.0041	U	
VMP-3	22	VMP-3-22-050422	5/4/2022	< 0.0060	U		0.0015	J		0.0029	J		< 0.0053	U	
VMP-3	22	VMP-3-22-072922	7/29/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-3	31.5	VMP-3-31.5-102721	10/27/2021	< 0.0051	U		0.03			< 0.0045	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-012522	1/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-012522-DUP	1/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-050422	5/4/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-3	31.5	VMP-3-31.5-072922	7/29/2022	< 0.0054	U		< 0.0051	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			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-4-5-102521	10/25/2021	< 0.0047	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-4	5	VMP-4-5-011922	1/19/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-4	5	VMP-4-5-042722	4/27/2022	< 0.0051	U		< 0.0048	U		0.0014	J		< 0.0045	U	
VMP-4	5	VMP-4-5-072822	7/28/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-4	12	VMP-4-12-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-4	12	VMP-4-12-011922	1/19/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-4	12	VMP-4-12-042722	4/27/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-4	12	VMP-4-12-072822	7/28/2022	< 0.0053	U		0.0078			< 0.0046	U		< 0.0046	U	
VMP-4	23.5	VMP-4-23.5-102521	10/25/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-4	23.5	VMP-4-23.5-011922	1/19/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-4	23.5	VMP-4-23.5-042722	4/27/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-4	23.5	VMP-4-23.5-072822	7/28/2022	< 0.0058	U		0.01		J	< 0.0051	U		< 0.0051	U	
VMP-5	5	VMP-5-5-102521	10/25/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-5	5	VMP-5-5-011922	1/19/2022	< 0.0053	U		0.0015	J		< 0.0047	U		< 0.0047	U	
VMP-5	5	VMP-5-5-042822	4/28/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-5	5	VMP-5-5-072522	7/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-102521-DUP	10/25/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-011922	1/19/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-042822	4/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-072522	7/25/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-5	12.5	VMP-5-12.5-072522-DUP	7/25/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-5	31	VMP-5-31-102521	10/25/2021	< 0.0051	U		0.0013	J		< 0.0045	U		< 0.0045	U	
VMP-5	31	VMP-5-31-042822	4/28/2022	< 0.0054	U		0.0046	J		< 0.0048	U		< 0.0048	U	
VMP-5	31	VMP-5-31-072522	7/25/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-5	40	VMP-5-40-011922	1/19/2022	< 0.0053	U		0.01			< 0.0047	U		< 0.0047	U	
VMP-5	40	VMP-5-40-042822	4/28/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-5	40	VMP-5-40-072522	7/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	5	VMP-6-5-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	5	VMP-6-5-012522	1/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	5	VMP-6-5-042822	4/28/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	5	VMP-6-5-072622	7/26/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	10	VMP-6-10-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-6	10	VMP-6-10-012522	1/25/2022	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-6	10	VMP-6-10-042822	4/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-6	10	VMP-6-10-042822-DUP	4/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-6	10	VMP-6-10-072622	7/26/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-6	31.5	VMP-6-31.5-102521	10/25/2021	< 0.0047	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-6	31.5	VMP-6-31.5-012522	1/25/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-6	31.5	VMP-6-31.5-042822	4/28/2022	< 0.0049	U		0.032			< 0.0043	U		< 0.0043	U	
VMP-6	31.5	VMP-6-31.5-072622	7/26/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-6	39	VMP-6-39-102521	10/25/2021	< 0.0049	U		0.0011	J		< 0.0043	U		< 0.0043	U	
VMP-6	39	VMP-6-39-012522	1/25/2022	< 1.1	U		270			< 0.99	U		< 0.99	U	
VMP-6	39	VMP-6-39-042822	4/28/2022	< 0.0050	U		0.0057			< 0.0044	U		< 0.0044	U	
VMP-6	39	VMP-6-39-072622	7/26/2022	< 0.1	U		29			< 0.092	U		< 0.092	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			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-7-5-102721	10/27/2021	< 0.0050	U		< 0.0047	U		0.0014	J		< 0.0044	U	
VMP-7	5	VMP-7-5-012422	1/24/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-7	5	VMP-7-5-050222	5/2/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-7	5	VMP-7-5-072522	7/25/2022	< 0.0053	U		0.0055			< 0.0046	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-102721	10/27/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-7	13.5	VMP-7-13.5-012422	1/24/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-050222	5/2/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-7	13.5	VMP-7-13.5-072522	7/25/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-7	13.5	VMP-7-13.5-072522-DUP	7/25/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-7	29.5	VMP-7-29.5-102721	10/27/2021	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-7	29.5	VMP-7-29.5-102721-DUP	10/27/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-7	29.5	VMP-7-29.5-012422	1/24/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-7	29.5	VMP-7-29.5-012422-DUP	1/24/2022	< 0.0061	U		< 0.0058	U		< 0.0054	U		< 0.0054	U	
VMP-7	29.5	VMP-7-29.5-050222	5/2/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-7	29.5	VMP-7-29.5-050222-DUP	5/2/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-7	29.5	VMP-7-29.5-072522	7/25/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-7	38	VMP-7-38-050222	5/2/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-7	38	VMP-7-38-072522	7/25/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-8	5	VMP-8-5-102921	10/29/2021	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-8	5	VMP-8-5-011922	1/19/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-8	5	VMP-8-5-042722	4/27/2022	< 0.0053	U		0.0013	J		< 0.0047	U		< 0.0047	U	
VMP-8	5	VMP-8-5-072222	7/22/2022	< 0.0055	U		0.0018	J		0.0023	J		< 0.0049	U	
VMP-8	9.5	VMP-8-9.5-011922	1/19/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-8	9.5	VMP-8-9.5-042722	4/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-042722-DUP	4/27/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-072222	7/22/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-8	23.5	VMP-8-23.5-011922	1/19/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-042722	4/27/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-8	23.5	VMP-8-23.5-072222	7/22/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-8	23.5	VMP-8-23.5-072222-DUP	7/22/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-8	35.5	VMP-8-35.5-011922	1/19/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-8	35.5	VMP-8-35.5-042722	4/27/2022	< 0.0052	U		0.0018	J		0.0015	J		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-072222	7/22/2022	< 0.0058	U		0.0017	J		0.0025	J		0.0016	J	
VMP-9	5	VMP-9-5-102221	10/22/2021	< 0.0053	U		< 0.0051	U		0.0069			0.0018	J	
VMP-9	5	VMP-9-5-011922	1/19/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-9	5	VMP-9-5-042722	4/27/2022	< 0.0081	U		< 0.0077	U		< 0.0071	U		< 0.0071	U	
VMP-9	5	VMP-9-5-072222	7/22/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-9	11.5	VMP-9-11.5-102221	10/22/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-9	11.5	VMP-9-11.5-011922	1/19/2022	< 0.0049	U		< 0.0046	U		0.0018	J		< 0.0043	U	
VMP-9	11.5	VMP-9-11.5-042722	4/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-9	11.5	VMP-9-11.5-072222	7/22/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-9	25.5	VMP-9-25.5-102221	10/22/2021	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-011922	1/19/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-9	25.5	VMP-9-25.5-042722	4/27/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-042722-DUP	4/27/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-072222	7/22/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-9	25.5	VMP-9-25.5-072222-DUP	7/22/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-9	38.5	VMP-9-38.5-102221	10/22/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-9	38.5	VMP-9-38.5-011922	1/19/2022	< 0.0059	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-9	38.5	VMP-9-38.5-011922-DUP	1/19/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-9	38.5	VMP-9-38.5-042722	4/27/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-9	38.5	VMP-9-38.5-072222	7/22/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-18	8.5	VMP-18-8.5-110221	11/2/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-18	8.5	VMP-18-8.5-012022	1/20/2022	< 0.0056	U		0.0021	J		< 0.0049	U		< 0.0049	U	
VMP-18	8.5	VMP-18-8.5-042722	4/27/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-18	8.5	VMP-18-8.5-072222	7/22/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										130			120		
				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-19	5	VMP-19-5-102621	10/26/2021	< 0.0056	U	UJ	0.0019	J		0.0014	J	J	< 0.0050	U	
VMP-19	5	VMP-19-5-102621-DUP	10/26/2021	0.014		J	< 0.0051	U		0.02		J	0.0018	J	
VMP-19	5	VMP-19-5-012022	1/20/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-19	5	VMP-19-5-050222	5/2/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-19	5	VMP-19-5-050222-DUP	5/2/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-19	5	VMP-19-5-072222	7/22/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-20	5	VMP-20-5-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-20	5	VMP-20-5-012522	1/25/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-20	5	VMP-20-5-042922	4/29/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-20	5	VMP-20-5-080122	8/1/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-20	10	VMP-20-10-110121	11/1/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-20	10	VMP-20-10-012522	1/25/2022	< 0.0046	U		< 0.0043	U		< 0.0040	U		< 0.0040	U	
VMP-20	10	VMP-20-10-042922	4/29/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-20	10	VMP-20-10-080122	8/1/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-20	25	VMP-20-25-110121	11/1/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-20	25	VMP-20-25-012522	1/25/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-20	25	VMP-20-25-042922	4/29/2022	< 0.0048	U		0.0022	J		< 0.0042	U		< 0.0042	U	
VMP-20	25	VMP-20-25-080122	8/1/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-21	5	VMP-21-5-102521	10/25/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-21	5	VMP-21-5-012122	1/21/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-21	5	VMP-21-5-042922	4/29/2022	< 0.0053	U		0.26			0.05			0.014		
VMP-21	5	VMP-21-5-072922	7/29/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-21	10	VMP-21-10-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-21	10	VMP-21-10-012122	1/21/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-21	10	VMP-21-10-042922	4/29/2022	< 0.0057	U		0.06			< 0.0050	U		< 0.0050	U	
VMP-21	10	VMP-21-10-072922	7/29/2022	< 0.0054	U		0.0018	J		< 0.0048	U		< 0.0048	U	
VMP-21	25	VMP-21-25-102521	10/25/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-21	25	VMP-21-25-012122	1/21/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-21	25	VMP-21-25-012122-DUP	1/21/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-21	25	VMP-21-25-042922	4/29/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-21	25	VMP-21-25-072922	7/29/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-21	33	VMP-21-33-102521	10/25/2021	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-21	33	VMP-21-33-102521-DUP	10/25/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-21	33	VMP-21-33-012122	1/21/2022	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-21	33	VMP-21-33-042922	4/29/2022	< 0.0054	U		0.0030	J		< 0.0048	U		< 0.0048	U	
VMP-21	33	VMP-21-33-072922	7/29/2022	< 0.0055	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-22	5	VMP-22-5-110121	11/1/2021	< 0.0050	U		0.0040	J		0.0022	J		< 0.0044	U	
VMP-22	5	VMP-22-5-012722	1/27/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-22	5	VMP-22-5-072622	7/26/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-22	10	VMP-22-10-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-22	10	VMP-22-10-012722	1/27/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-22	10	VMP-22-10-050522	5/5/2022	< 0.039	U		0.55			< 0.034	U		< 0.034	U	
VMP-22	10	VMP-22-10-072622	7/26/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-22	18	VMP-22-18-012722	1/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-22	18	VMP-22-18-050522	5/5/2022	< 0.02	U		0.25			< 0.018	U		< 0.018	U	
VMP-22	38	VMP-22-38-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-22	38	VMP-22-38-012722	1/27/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-22	38	VMP-22-38-050522	5/5/2022	0.0044	J		0.022			0.013			0.0054		

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			m,p-Xylene			o-Xylene		
										130			120		
				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-23	5	VMP-23-5-102521	10/25/2021	**0.0032**	**J**		**0.021**			**0.011**			**0.0054**		
VMP-23	5	VMP-23-5-011922	1/19/2022	< 0.0049	**U**		< 0.0046	**U**		< 0.0043	**U**		< 0.0043	**U**	
VMP-23	5	VMP-23-5-050422	5/4/2022	**0.0029**	**J**		< 0.0050	**U**		**0.011**			**0.0047**		
VMP-23	5	VMP-23-5-072522	7/25/2022	< 0.0056	**U**		< 0.0054	**U**		< 0.0050	**U**		< 0.0050	**U**	
VMP-23	10	VMP-23-10-102521	10/25/2021	< 0.0056	**U**		< 0.0053	**U**		< 0.0050	**U**		< 0.0050	**U**	
VMP-23	10	VMP-23-10-011922	1/19/2022	< 0.0048	**U**		< 0.0045	**U**		< 0.0042	**U**		< 0.0042	**U**	
VMP-23	10	VMP-23-10-050422	5/4/2022	**0.0020**	**J**		< 0.0054	**U**		**0.0083**			**0.0034**	**J**	
VMP-23	10	VMP-23-10-072522	7/25/2022	< 0.0055	**U**		< 0.0052	**U**		< 0.0049	**U**		< 0.0049	**U**	
VMP-23	25	VMP-23-25-102521	10/25/2021	< 0.0050	**U**		< 0.0048	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-23	25	VMP-23-25-011922	1/19/2022	< 0.0051	**U**		< 0.0048	**U**		< 0.0045	**U**		< 0.0045	**U**	
VMP-23	25	VMP-23-25-050422	5/4/2022	**0.0024**	**J**		< 0.0050	**U**		**0.0051**			**0.0026**	**J**	
VMP-23	25	VMP-23-25-072522	7/25/2022	< 0.0056	**U**		< 0.0053	**U**		< 0.0050	**U**		< 0.0050	**U**	
VMP-23	40	VMP-23-40-050422	5/4/2022	**0.0059**			**0.0036**	**J**		**0.026**		**J**	**0.01**		
VMP-23	40	VMP-23-40-050422-DUP	5/4/2022	**0.0023**	**J**		< 0.0053	**U**		**0.0045**	**J**	**J**	**0.0022**	**J**	
VMP-24	5	VMP-24-5-102221	10/22/2021	< 0.0053	**U**		< 0.0050	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	5	VMP-24-5-012822	1/28/2022	< 0.0050	**U**		< 0.0047	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-24	5	VMP-24-5-050322	5/3/2022	< 0.0052	**U**		**0.0025**	**J**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	5	VMP-24-5-072522	7/25/2022	< 0.0052	**U**		**0.017**			< 0.0046	**U**		< 0.0046	**U**	
VMP-24	10	VMP-24-10-102221	10/22/2021	< 0.0048	**U**		< 0.0045	**U**		< 0.0042	**U**		< 0.0042	**U**	
VMP-24	10	VMP-24-10-102221-DUP	10/22/2021	< 0.0049	**U**		< 0.0046	**U**		< 0.0043	**U**		< 0.0043	**U**	
VMP-24	10	VMP-24-10-012822	1/28/2022	< 0.0052	**U**		< 0.0049	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	10	VMP-24-10-050322	5/3/2022	< 0.0051	**U**		< 0.0048	**U**		< 0.0045	**U**		< 0.0045	**U**	
VMP-24	10	VMP-24-10-072522	7/25/2022	< 0.0052	**U**		< 0.0049	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	22	VMP-24-22-102221	10/22/2021	**0.0035**	**J**		**0.03**			**0.013**			**0.0060**		
VMP-24	22	VMP-24-22-012822	1/28/2022	< 0.0050	**U**		< 0.0047	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-24	22	VMP-24-22-050322	5/3/2022	< 0.0052	**U**		< 0.0050	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	22	VMP-24-22-050322-DUP	5/3/2022	< 0.0052	**U**		< 0.0050	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	22	VMP-24-22-072522	7/25/2022	< 0.0051	**U**		< 0.0048	**U**		< 0.0045	**U**		< 0.0045	**U**	
VMP-24	34	VMP-24-34-102221	10/22/2021	< 0.0051	**U**		< 0.0048	**U**		< 0.0045	**U**		< 0.0045	**U**	
VMP-24	34	VMP-24-34-012822	1/28/2022	< 0.0049	**U**		< 0.0046	**U**		< 0.0043	**U**		< 0.0043	**U**	
VMP-24	34	VMP-24-34-050322	5/3/2022	< 0.0052	**U**		< 0.0049	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-24	34	VMP-24-34-072522	7/25/2022	< 0.0054	**U**		< 0.0052	**U**		< 0.0048	**U**		< 0.0048	**U**	
VMP-32	5	VMP-32-5-110121	11/1/2021	< 0.0049	**U**		< 0.0047	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-32	5	VMP-32-5-012722	1/27/2022	< 0.0054	**U**		< 0.0051	**U**		< 0.0048	**U**		< 0.0048	**U**	
VMP-32	5	VMP-32-5-042822	4/28/2022	< 0.0056	**U**		< 0.0053	**U**		< 0.0049	**U**		< 0.0049	**U**	
VMP-32	5	VMP-32-5-072922	7/29/2022	< 0.0052	**U**		**0.0042**	**J**		< 0.0046	**U**		< 0.0046	**U**	
VMP-32	10	VMP-32-10-110121	11/1/2021	< 0.0048	**U**		< 0.0045	**U**		< 0.0042	**U**		< 0.0042	**U**	
VMP-32	10	VMP-32-10-012722	1/27/2022	< 0.0052	**U**		< 0.0050	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-32	10	VMP-32-10-042822	4/28/2022	< 0.0053	**U**		< 0.0051	**U**		< 0.0047	**U**		< 0.0047	**U**	
VMP-32	10	VMP-32-10-072922	7/29/2022	< 0.0056	**U**		< 0.0054	**U**		< 0.0050	**U**		< 0.0050	**U**	
VMP-32	10	VMP-32-10-072922-DUP	7/29/2022	< 0.0050	**U**		< 0.0048	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-32	20	VMP-32-20-110121	11/1/2021	< 0.0050	**U**		< 0.0048	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-32	20	VMP-32-20-042822	4/28/2022	< 0.0052	**U**		**0.37**			**0.076**			**0.022**		
VMP-32	20	VMP-32-20-072922	7/29/2022	< 0.0054	**U**		**0.0013**	**J**		< 0.0047	**U**		< 0.0047	**U**	
VMP-32	30	VMP-32-30-110121	11/1/2021	< 0.0050	**U**		< 0.0047	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-32	30	VMP-32-30-012722	1/27/2022	< 0.0052	**U**		< 0.0050	**U**		< 0.0046	**U**		< 0.0046	**U**	
VMP-32	30	VMP-32-30-012722-DUP	1/27/2022	< 0.0050	**U**		< 0.0047	**U**		< 0.0044	**U**		< 0.0044	**U**	
VMP-32	30	VMP-32-30-042822	4/28/2022	< 0.0055	**U**		**0.0014**	**J**		< 0.0049	**U**		< 0.0049	**U**	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										130			120		
				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-42	10	VMP-42-10-102621	10/26/2021	< 0.0062	U		< 0.0059	U		< 0.0054	U		< 0.0054	U	
VMP-42	10	VMP-42-10-012422	1/24/2022	< 0.0056	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-42	10	VMP-42-10-042822	4/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-42	10	VMP-42-10-072822	7/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-42	20	VMP-42-20-102621	10/26/2021	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-42	20	VMP-42-20-012422	1/24/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-42	20	VMP-42-20-042822	4/28/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-42	20	VMP-42-20-072822	7/28/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-42	30	VMP-42-30-102621	10/26/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-42	30	VMP-42-30-102621-DUP	10/26/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-42	30	VMP-42-30-012422	1/24/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-42	30	VMP-42-30-042822	4/28/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-42	30	VMP-42-30-072822	7/28/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-43	10	VMP-43-10-102621	10/26/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-43	10	VMP-43-10-012722	1/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-43	10	VMP-43-10-050222	5/2/2022	< 0.0045	U		**0.0018**	J		**0.0015**	J		< 0.0040	U	
VMP-43	10	VMP-43-10-072822	7/28/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-43	20	VMP-43-20-102621	10/26/2021	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-43	20	VMP-43-20-012722	1/27/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-43	20	VMP-43-20-050222	5/2/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-43	20	VMP-43-20-072822	7/28/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-43	20	VMP-43-20-072822-DUP	7/28/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-43	30	VMP-43-30-102621	10/26/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-43	30	VMP-43-30-012722	1/27/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-43	30	VMP-43-30-050222	5/2/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-43	30	VMP-43-30-050222-DUP	5/2/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-43	30	VMP-43-30-072822	7/28/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-45	10	VMP-45-10-102721	10/27/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-45	10	VMP-45-10-012422	1/24/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-45	10	VMP-45-10-050222	5/2/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-45	10	VMP-45-10-050222-DUP	5/2/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-45	10	VMP-45-10-072522	7/25/2022	< 0.0055	U		**0.0099**			< 0.0049	U		< 0.0049	U	
VMP-45	20	VMP-45-20-102721	10/27/2021	< 0.0047	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-45	20	VMP-45-20-012422	1/24/2022	< 0.0055	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-45	20	VMP-45-20-050222	5/2/2022	< 0.0054	U		**0.0037**	J		< 0.0048	U		< 0.0048	U	
VMP-45	20	VMP-45-20-072522	7/25/2022	< 0.0059	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-45	30	VMP-45-30-102721	10/27/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-45	30	VMP-45-30-102721-DUP	10/27/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-45	30	VMP-45-30-012422	1/24/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-45	30	VMP-45-30-050222	5/2/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-45	30	VMP-45-30-072522	7/25/2022	< 0.0056	U		**0.0080**			< 0.0050	U		< 0.0050	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										130			120		
				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-47	5	VMP-47-5-110121	11/1/2021	< 0.0047	U		< 0.0045	U		< 0.0041	U		< 0.0041	U	
VMP-47	5	VMP-47-5-022222	2/22/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-47	5	VMP-47-5-050522	5/5/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-47	5	VMP-47-5-080222	8/2/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-47	10	VMP-47-10-110121	11/1/2021	< 0.0045	U		< 0.0043	U		< 0.0040	U		< 0.0040	U	
VMP-47	10	VMP-47-10-022222	2/22/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-47	10	VMP-47-10-050522	5/5/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-47	10	VMP-47-10-080222	8/2/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-47	10	VMP-47-10-080222-DUP	8/2/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-47	20	VMP-47-20-110121	11/1/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-47	20	VMP-47-20-012122	1/21/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-47	20	VMP-47-20-050522	5/5/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-47	20	VMP-47-20-080222	8/2/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-47	30	VMP-47-30-110121	11/1/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-47	30	VMP-47-30-012122	1/21/2022	**0.0016**	**J**		**0.0023**	**J**		**0.0057**			**0.0025**	**J**	
VMP-47	30	VMP-47-30-050522	5/5/2022	< 0.0059	U		< 0.0056	U		**0.0019**	**J**		< 0.0052	U	
VMP-47	30	VMP-47-30-080222	8/2/2022	< 0.0053	U		**0.0038**	**J**		**0.0070**			**0.0028**	**J**	
VMP-48	5	VMP-48-5-110121	11/1/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-48	5	VMP-48-5-012122	1/21/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-48	5	VMP-48-5-042922	4/29/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-48	5	VMP-48-5-072922	7/29/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-48	10	VMP-48-10-110121	11/1/2021	< 0.0050	U		**0.77**			< 0.0044	U		< 0.0044	U	
VMP-48	10	VMP-48-10-042922	4/29/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-48	10	VMP-48-10-042922-DUP	4/29/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-48	10	VMP-48-10-072922	7/29/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-48	20	VMP-48-20-110121	11/1/2021	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-48	20	VMP-48-20-012122	1/21/2022	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-48	20	VMP-48-20-042922	4/29/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-48	20	VMP-48-20-072922	7/29/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-48	30	VMP-48-30-110121	11/1/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-48	30	VMP-48-30-042922	4/29/2022	< 0.0049	U		**0.0041**	**J**		< 0.0044	U		< 0.0044	U	
VMP-48	30	VMP-48-30-072922	7/29/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-49	5	VMP-49-5-102721	10/27/2021	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-49	5	VMP-49-5-012122	1/21/2022	**0.0023**	**J**		< 0.0048	U		**0.0021**	**J**		< 0.0045	U	
VMP-49	5	VMP-49-5-050422	5/4/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-49	5	VMP-49-5-080122	8/1/2022	< 0.0059	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-49	5	VMP-49-5-080122-DUP	8/1/2022	< 0.0057	U		**0.0016**	**J**		< 0.0050	U		< 0.0050	U	
VMP-49	10	VMP-49-10-102721	10/27/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-49	10	VMP-49-10-012122	1/21/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-49	10	VMP-49-10-050422	5/4/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-49	10	VMP-49-10-080122	8/1/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-49	20	VMP-49-20-102721	10/27/2021	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-49	20	VMP-49-20-012122	1/21/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-49	20	VMP-49-20-050422	5/4/2022	< 0.0054	U		**0.0055**			< 0.0048	U		< 0.0048	U	
VMP-49	20	VMP-49-20-080122	8/1/2022	< 0.0059	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-49	30	VMP-49-30-102721	10/27/2021	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-49	30	VMP-49-30-012122	1/21/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-49	30	VMP-49-30-050422	5/4/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-49	30	VMP-49-30-080122	8/1/2022	**0.0029**	**J**		**0.01**			**0.028**			**0.0092**		

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			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-50-5-102521	10/25/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-50	5	VMP-50-5-012022	1/20/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-50	5	VMP-50-5-050522	5/5/2022	0.0023	J		0.012			0.0053			0.0028	J	
VMP-50	5	VMP-50-5-072622	7/26/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-50	10	VMP-50-10-102521	10/25/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-50	10	VMP-50-10-012022	1/20/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-50	10	VMP-50-10-050522	5/5/2022	< 0.0047	U		< 0.0045	U		< 0.0041	U		< 0.0041	U	
VMP-50	10	VMP-50-10-050522-DUP	5/5/2022	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-50	10	VMP-50-10-072622	7/26/2022	< 0.0050	U	UJ	< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-50	10	VMP-50-10-072622-DUP	7/26/2022	0.012		J	< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-50	20	VMP-50-20-102521	10/25/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-50	20	VMP-50-20-012022	1/20/2022	< 0.0045	U		0.0012	J		< 0.0040	U		< 0.0040	U	
VMP-50	20	VMP-50-20-012022-DUP	1/20/2022	< 0.0043	U		< 0.0041	U		< 0.0038	U		< 0.0038	U	
VMP-50	20	VMP-50-20-050522	5/5/2022	< 0.0048	U		0.0059			0.0028	J		0.0016	J	
VMP-50	20	VMP-50-20-072622	7/26/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-50	30	VMP-50-30-102521	10/25/2021	< 0.095	U		0.47			< 0.084	U		< 0.084	U	
VMP-50	30	VMP-50-30-012022	1/20/2022	< 0.017	U		0.18			< 0.015	U		< 0.015	U	
VMP-50	30	VMP-50-30-050522	5/5/2022	< 0.04	U		2.5			< 0.035	U		< 0.035	U	
VMP-50	30	VMP-50-30-072622	7/26/2022	< 0.016	U		1.1			< 0.014	U		< 0.014	U	
VMP-51	5	VMP-51-5-102521	10/25/2021	< 0.0052	U		< 0.0049	U		0.0018	J		< 0.0046	U	
VMP-51	5	VMP-51-5-012722	1/27/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-51	5	VMP-51-5-042822	4/28/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-51	5	VMP-51-5-072522	7/25/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-51	10	VMP-51-10-102521	10/25/2021	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-51	10	VMP-51-10-012722	1/27/2022	< 0.0051	U		0.0014	J		0.0028	J		< 0.0045	U	
VMP-51	10	VMP-51-10-042822	4/28/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-51	10	VMP-51-10-072522	7/25/2022	0.0018	J		0.0056			0.011			0.0046	J	
VMP-51	20	VMP-51-20-102521	10/25/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-51	20	VMP-51-20-012722	1/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-51	20	VMP-51-20-042822	4/28/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-51	20	VMP-51-20-072522	7/25/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-51	30	VMP-51-30-102521	10/25/2021	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-51	30	VMP-51-30-012722	1/27/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-51	30	VMP-51-30-042822	4/28/2022	< 0.0053	U		0.0044	J		< 0.0046	U		< 0.0046	U	
VMP-51	30	VMP-51-30-072522	7/25/2022	< 0.0058	U		< 0.0056	U		< 0.0052	U		< 0.0052	U	
VMP-52	5	VMP-52-5-110221	11/2/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-52	5	VMP-52-5-012722	1/27/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-52	5	VMP-52-5-042822	4/28/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-52	10	VMP-52-10-110221	11/2/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-52	10	VMP-52-10-012722	1/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-52	10	VMP-52-10-042822	4/28/2022	< 0.0054	U		0.38			0.074			0.018		
VMP-52	20	VMP-52-20-110221	11/2/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-52	20	VMP-52-20-110221-DUP	11/2/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-52	20	VMP-52-20-012722	1/27/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-52	20	VMP-52-20-012722-DUP	1/27/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-52	20	VMP-52-20-042822	4/28/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-52	20	VMP-52-20-072622	7/26/2022	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-52	30	VMP-52-30-110221	11/2/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-52	30	VMP-52-30-012722	1/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-52	30	VMP-52-30-042822	4/28/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-52	30	VMP-52-30-072622	7/26/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-52	30	VMP-52-30-072622-DUP	7/26/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-53-5-102221	10/22/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-53	5	VMP-53-5-011922	1/19/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-53	5	VMP-53-5-042722	4/27/2022	< 0.0052	U		0.0036	J		< 0.0046	U		< 0.0046	U	
VMP-53	5	VMP-53-5-072222	7/22/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-53	10	VMP-53-10-102221	10/22/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-53	10	VMP-53-10-011922	1/19/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-53	10	VMP-53-10-042722	4/27/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-53	10	VMP-53-10-072222	7/22/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-53	20	VMP-53-20-102221	10/22/2021	< 0.0048	U		0.0011	J		< 0.0043	U		< 0.0043	U	
VMP-53	20	VMP-53-20-011922	1/19/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-53	20	VMP-53-20-042722	4/27/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-53	20	VMP-53-20-072222	7/22/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-53	30	VMP-53-30-102221	10/22/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-53	30	VMP-53-30-102221-DUP	10/22/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-53	30	VMP-53-30-011922	1/19/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-53	30	VMP-53-30-042722	4/27/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-53	30	VMP-53-30-072222	7/22/2022	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-54	5	VMP-54-5-102921	10/29/2021	< 0.0047	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-54	5	VMP-54-5-011922	1/19/2022	< 0.0053	U		0.0041	J		< 0.0047	U		< 0.0047	U	
VMP-54	5	VMP-54-5-042722	4/27/2022	< 0.0050	U		0.0015	J		< 0.0044	U		< 0.0044	U	
VMP-54	5	VMP-54-5-072222	7/22/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-54	10	VMP-54-10-102921	10/29/2021	< 0.0049	U		0.0015	J		< 0.0043	U		< 0.0043	U	
VMP-54	10	VMP-54-10-011922	1/19/2022	< 0.0047	U		< 0.0045	U		0.0016	J		< 0.0042	U	
VMP-54	10	VMP-54-10-011922-DUP	1/19/2022	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-54	10	VMP-54-10-042722	4/27/2022	< 0.0053	U		0.0019	J		< 0.0047	U		< 0.0047	U	
VMP-54	10	VMP-54-10-072222	7/22/2022	< 0.0056	U		0.0044	J		0.0022	J		< 0.0049	U	
VMP-54	20	VMP-54-20-102921	10/29/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-54	20	VMP-54-20-011922	1/19/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-54	20	VMP-54-20-042722	4/27/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-54	20	VMP-54-20-072222	7/22/2022	< 0.0052	U		0.016			< 0.0046	U		< 0.0046	U	
VMP-54	30	VMP-54-30-102921	10/29/2021	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-54	30	VMP-54-30-011922	1/19/2022	< 0.011	U		< 0.01	U		< 0.0094	U		< 0.0094	U	
VMP-54	30	VMP-54-30-042722	4/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-54	30	VMP-54-30-072222	7/22/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-56	10	VMP-56-10-102221	10/22/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-56	10	VMP-56-10-012522	1/25/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-56	10	VMP-56-10-050422	5/4/2022	< 0.0053	U		0.0014	J		< 0.0047	U		< 0.0047	U	
VMP-56	10	VMP-56-10-080122	8/1/2022	< 0.0054	U		0.013		J	< 0.0048	U		< 0.0048	U	
VMP-56	10	VMP-56-10-080122-DUP	8/1/2022	< 0.0057	U		< 0.0054	U	UJ	< 0.0050	U		< 0.0050	U	
VMP-56	25	VMP-56-25-102221	10/22/2021	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-56	25	VMP-56-25-012522	1/25/2022	< 0.0056	U		0.0013	J		< 0.0050	U		< 0.0050	U	
VMP-56	25	VMP-56-25-050422	5/4/2022	< 0.0052	U		< 0.0049	U		0.0027	J		< 0.0046	U	
VMP-56	25	VMP-56-25-080122	8/1/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-56	38.5	VMP-56-38.5-050422	5/4/2022	23	J		3200			790		J	220		
VMP-56	38.5	VMP-56-38.5-080122	8/1/2022	61			6000			1600			500		

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										130			120		
				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	VMP-62-5-110121	11/1/2021	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-62	5	VMP-62-5-012022	1/20/2022	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-62	5	VMP-62-5-050522	5/5/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-62	5	VMP-62-5-080222	8/2/2022	< 0.0054	U		< 0.0052	U		**0.0015**	**J**		< 0.0048	U	
VMP-62	10	VMP-62-10-110121	11/1/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-62	10	VMP-62-10-012022	1/20/2022	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-62	10	VMP-62-10-050522	5/5/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-62	10	VMP-62-10-080222	8/2/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-62	20	VMP-62-20-110121	11/1/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-62	20	VMP-62-20-050522	5/5/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-62	20	VMP-62-20-080222	8/2/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-62	30	VMP-62-30-110121	11/1/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-62	30	VMP-62-30-110121-DUP	11/1/2021	< 0.0046	U		< 0.0043	U		< 0.0040	U		< 0.0040	U	
VMP-62	30	VMP-62-30-012022	1/20/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-62	30	VMP-62-30-012022-DUP	1/20/2022	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-62	30	VMP-62-30-050522	5/5/2022	**0.0022**	**J**		< 0.0048	U		**0.0078**			**0.0040**	**J**	
VMP-62	30	VMP-62-30-080222	8/2/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-63	5	VMP-63-5-102621	10/26/2021	< 0.0063	U		< 0.0060	U		< 0.0056	U		< 0.0056	U	
VMP-63	5	VMP-63-5-012422	1/24/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-63	5	VMP-63-5-050222	5/2/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-63	5	VMP-63-5-072922	7/29/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-63	10	VMP-63-10-102621	10/26/2021	< 0.0060	U		< 0.0057	U		< 0.0053	U		< 0.0053	U	
VMP-63	10	VMP-63-10-012422	1/24/2022	**0.0026**	**J**		**0.0028**	**J**		**0.0070**			**0.0034**	**J**	
VMP-63	10	VMP-63-10-050222	5/2/2022	**0.0048**	**J**		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-63	10	VMP-63-10-072922	7/29/2022	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-63	20	VMP-63-20-102621	10/26/2021	< 0.0061	U		< 0.0058	U		< 0.0054	U		< 0.0054	U	
VMP-63	20	VMP-63-20-012422	1/24/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-63	20	VMP-63-20-050222	5/2/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-63	20	VMP-63-20-072922	7/29/2022	< 0.0051	U		< 0.0048	U		**0.0017**	**J**		< 0.0045	U	
VMP-63	30	VMP-63-30-102621	10/26/2021	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-63	30	VMP-63-30-102621-DUP	10/26/2021	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-63	30	VMP-63-30-012422	1/24/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-63	30	VMP-63-30-012422-DUP	1/24/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-63	30	VMP-63-30-050222	5/2/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-63	30	VMP-63-30-072922	7/29/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-64	5	VMP-64-5-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-64	5	VMP-64-5-012122	1/21/2022	< 0.0053	U		**0.0024**	**J**		**0.0061**			**0.0029**	**J**	
VMP-64	5	VMP-64-5-050522	5/5/2022	< 0.0051	U		< 0.0048	U		**0.0027**	**J**		**0.0016**	**J**	
VMP-64	5	VMP-64-5-080122	8/1/2022	< 0.0056	U		**0.0068**			< 0.0049	U		< 0.0049	U	
VMP-64	10	VMP-64-10-110121	11/1/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-64	10	VMP-64-10-012122	1/21/2022	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-64	10	VMP-64-10-050522	5/5/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-64	10	VMP-64-10-080122	8/1/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-64	20	VMP-64-20-110121	11/1/2021	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-64	20	VMP-64-20-012122	1/21/2022	< 0.0046	U		< 0.0044	U		< 0.0041	U		< 0.0041	U	
VMP-64	20	VMP-64-20-012122-DUP	1/21/2022	< 0.0042	U		< 0.0040	U		< 0.0037	U		< 0.0037	U	
VMP-64	20	VMP-64-20-050522	5/5/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-64	20	VMP-64-20-050522-DUP	5/5/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-64	20	VMP-64-20-080122	8/1/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-64	20	VMP-64-20-080122-DUP	8/1/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	

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

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 reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
Concentrations of chloroform at VMP-54 have increased since the summer of 2020, which coincided with the installation of a pool in the residents' backyard immediately northeast of VMP-54. Increased concentrations of chloroform were not observed at monitoring wells MW-3 or MW-4, which are to the west and east, respectively, of VMP-54. Chloroform is a common disinfectant byproduct in municipal water, and can be present in higher concentrations in chlorinated pool water.

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				2.8			450000			52						1.5			420			0.92					
				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-10	5	VMP-10-5-102921	10/29/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-10	5	VMP-10-5-012622	1/26/2022	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		0.0034	J		< 0.02	U	
VMP-10	5	VMP-10-5-042922	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-10	5	VMP-10-5-072722	7/27/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-10	10	VMP-10-10-102921	10/29/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-10	10	VMP-10-10-012622	1/26/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-10	10	VMP-10-10-042922	4/29/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-10	10	VMP-10-10-072722	7/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		0.0022	J		< 0.0055	U		< 0.023	U	
VMP-10	20	VMP-10-20-102921	10/29/2021	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-10	20	VMP-10-20-102921-DUP	10/29/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-10	20	VMP-10-20-012622	1/26/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-10	20	VMP-10-20-042922	4/29/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-10	20	VMP-10-20-072722	7/27/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-10	30	VMP-10-30-012622	1/26/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-10	30	VMP-10-30-042922	4/29/2022	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-10	30	VMP-10-30-072722	7/27/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-11	5	VMP-11-5-110121	11/1/2021	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U	
VMP-11	5	VMP-11-5-011922	1/19/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-11	5	VMP-11-5-050422	5/4/2022	0.0064			< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-11	5	VMP-11-5-072822	7/28/2022	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U	
VMP-11	8	VMP-11-8-110121	11/1/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-11	8	VMP-11-8-011922	1/19/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-11	8	VMP-11-8-050422	5/4/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-11	8	VMP-11-8-072822	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-11	29	VMP-11-29-110121	11/1/2021	< 0.0033	U		< 0.0070	U		< 0.011	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U	
VMP-11	29	VMP-11-29-110121-DUP	11/1/2021	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U	
VMP-11	29	VMP-11-29-050422	5/4/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-11	29	VMP-11-29-072822	7/28/2022	0.0012	J		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-11	38	VMP-11-38-110121	11/1/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-11	38	VMP-11-38-050422	5/4/2022	0.0014	J		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-11	38	VMP-11-38-072822	7/28/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U	
VMP-12	5	VMP-12-5-102621	10/26/2021	0.0024	J		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-12	5	VMP-12-5-012522	1/25/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		0.02		J	< 0.0050	U		< 0.021	U	
VMP-12	5	VMP-12-5-012522-DUP	1/25/2022	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U	UJ	< 0.0051	U		< 0.022	U	
VMP-12	5	VMP-12-5-050422	5/4/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-12	5	VMP-12-5-050422-DUP	5/4/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-12	5	VMP-12-5-080122	8/1/2022	0.0014	J		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		0.0030	J		< 0.024	U	
VMP-12	5	VMP-12-5-080122-DUP	8/1/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		0.0030	J		< 0.023	U	
VMP-12	11.5	VMP-12-11.5-102621	10/26/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-12	11.5	VMP-12-11.5-012522	1/25/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-12	11.5	VMP-12-11.5-050422	5/4/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-12	11.5	VMP-12-11.5-080122	8/1/2022	0.0016	J		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-12	25	VMP-12-25-102621	10/26/2021	4.4			< 3.6	U		< 5.6	U		650			< 3.4	U		< 2.5	U		< 2.7	U		< 4.5	U	
VMP-12	25	VMP-12-25-012522	1/25/2022	28			< 3.3	U		< 5.1	U		1100			< 3.1	U		< 2.3	U		< 2.4	U		< 4.1	U	
VMP-12	25	VMP-12-25-050422	5/4/2022	7			< 6.6	U		< 10	U		180			< 6.2	U		< 4.5	U		< 4.8	U		< 20	U	
VMP-12	25	VMP-12-25-080122	8/1/2022	22			< 3.8	U		< 5.8	U		930			< 3.6	U		0.59	J		< 2.8	U		< 4.7	U	
VMP-12	39	VMP-12-39-050422	5/4/2022	130			< 18	U		< 27	U		1200			< 17	U		< 12	U		< 13	U		< 55	U	
VMP-12	39	VMP-12-39-080122	8/1/2022	130			< 7.8	U		< 12	U		2300			< 7.4	U		< 5.4	U		< 5.7	U		< 9.7	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				2.8			450000			52						1.5			420			0.92					
				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-13	5	VMP-13-5-102921	10/29/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-13	5	VMP-13-5-012622	1/26/2022	< 0.0030	U		< 0.0062	U		< 0.0096	U		< 0.0088	U		< 0.0058	U		< 0.0043	U		< 0.0045	U		< 0.019	U	
VMP-13	5	VMP-13-5-042922	4/29/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	5	VMP-13-5-072722	7/27/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U	UJ	< 0.0068	U		< 0.0050	U		0.0023	J		< 0.022	U	
VMP-13	10.5	VMP-13-10.5-102921	10/29/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-13	10.5	VMP-13-10.5-012622	1/26/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	10.5	VMP-13-10.5-042922	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	10.5	VMP-13-10.5-072722	7/27/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U	UJ	< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	21.5	VMP-13-21.5-102921	10/29/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-13	21.5	VMP-13-21.5-102921-DUP	10/29/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-13	21.5	VMP-13-21.5-012622	1/26/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-13	21.5	VMP-13-21.5-042922	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	21.5	VMP-13-21.5-072722	7/27/2022	0.0016	J		< 0.0073	U		< 0.011	U		< 0.01	U	UJ	< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U	
VMP-13	29.5	VMP-13-29.5-102921	10/29/2021	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		0.0020	J		< 0.021	U	
VMP-13	29.5	VMP-13-29.5-012622	1/26/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-13	29.5	VMP-13-29.5-012622-DUP	1/26/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-13	29.5	VMP-13-29.5-050222	5/2/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-14	5	VMP-14-5-102921	10/29/2021	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-14	5	VMP-14-5-050322	5/3/2022	0.0013	J		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-14	5	VMP-14-5-072722	7/27/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U	UJ	< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-14	11.5	VMP-14-11.5-102921	10/29/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-14	11.5	VMP-14-11.5-050322	5/3/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-14	11.5	VMP-14-11.5-072722	7/27/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U	UJ	< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-14	11.5	VMP-14-11.5-072722-DUP	7/27/2022	< 0.0032	U		< 0.0068	U		< 0.01	U		< 0.0097	U	UJ	< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-14	20	VMP-14-20-102921	10/29/2021	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U	
VMP-14	20	VMP-14-20-012722	1/27/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-14	20	VMP-14-20-050322	5/3/2022	< 0.0036	U		< 0.0075	U		< 0.012	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-14	20	VMP-14-20-050322-DUP	5/3/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-14	20	VMP-14-20-072722	7/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-14	29	VMP-14-29-102921	10/29/2021	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-14	29	VMP-14-29-012722	1/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U	
VMP-14	29	VMP-14-29-050322	5/3/2022	< 0.0040	U		< 0.0085	U		< 0.013	U		< 0.012	U		< 0.0080	U		< 0.0058	U		< 0.0062	U		< 0.026	U	
VMP-14	29	VMP-14-29-072722	7/27/2022	< 0.0036	U		< 0.0077	U		< 0.012	U		< 0.011	U	UJ	< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U	
VMP-15	5	VMP-15-5-102721	10/27/2021	0.0014	J		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-15	5	VMP-15-5-012422	1/24/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-15	5	VMP-15-5-050322	5/3/2022	< 0.0037	U		< 0.0077	U		< 0.012	U		< 0.011	U		< 0.0072	U		< 0.0053	U		0.0097			0.014	J	
VMP-15	5	VMP-15-5-072822	7/28/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-15	21.5	VMP-15-21.5-102721	10/27/2021	< 0.0058	U		< 0.012	U		< 0.019	U		< 0.017	U		< 0.011	U		< 0.0083	U		< 0.0088	U		< 0.037	U	
VMP-15	21.5	VMP-15-21.5-012422	1/24/2022	< 0.0035	U		< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0050	U		0.012			< 0.023	U	
VMP-15	21.5	VMP-15-21.5-050322	5/3/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0034	J		< 0.022	U	
VMP-15	21.5	VMP-15-21.5-072822	7/28/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-15	21.5	VMP-15-21.5-072822-DUP	7/28/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-15	25.5	VMP-15-25.5-102721	10/27/2021	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-15	25.5	VMP-15-25.5-012422	1/24/2022	< 0.0037	U		< 0.0078	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		0.0040	J		< 0.024	U	
VMP-15	25.5	VMP-15-25.5-050322	5/3/2022	0.0016	J		< 0.0070	U		< 0.011	U		0.01			< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-15	25.5	VMP-15-25.5-072822	7/28/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		0.045			< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-15	29	VMP-15-29-050322	5/3/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		0.026			< 0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				2.8			450000			52						1.5			420			0.92					
				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	VMP-16-5-102621	10/26/2021	**0.0019**	**J**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0070	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-16	5	VMP-16-5-102621-DUP	10/26/2021	< 0.0033	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.021	**U**	
VMP-16	5	VMP-16-5-012522	1/25/2022	**0.095**			< 0.072	**U**		< 0.11	**U**		**0.89**			< 0.067	**U**		< 0.049	**U**		< 0.052	**U**		< 0.22	**U**	
VMP-16	5	VMP-16-5-050422	5/4/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-16	5	VMP-16-5-080122	8/1/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		**0.0069**			< 0.022	**U**	
VMP-16	13.5	VMP-16-13.5-102621	10/26/2021	**2**			< 1.7	**U**		< 2.7	**U**		**42**			< 1.6	**U**		< 1.2	**U**		< 1.3	**U**		< 2.1	**U**	
VMP-16	13.5	VMP-16-13.5-012522	1/25/2022	**11**			< 1.6	**U**		< 2.6	**U**		**41**			< 1.6	**U**		< 1.1	**U**		< 1.2	**U**		< 2	**U**	
VMP-16	13.5	VMP-16-13.5-050422	5/4/2022	**13**			< 5.5	**U**		< 8.5	**U**		**63**			< 5.2	**U**		< 3.8	**U**		< 4	**U**		< 17	**U**	
VMP-16	13.5	VMP-16-13.5-080122	8/1/2022	**130**			< 3.8	**U**		< 5.8	**U**		**380**			< 3.6	**U**		< 2.6	**U**		< 2.8	**U**		< 4.7	**U**	
VMP-16	19	VMP-16-19-102621	10/26/2021	**73**			< 3.4	**U**		< 5.2	**U**		**320**			< 3.2	**U**		< 2.3	**U**		< 2.5	**U**		< 4.2	**U**	
VMP-16	19	VMP-16-19-012522	1/25/2022	**51**			< 1.8	**U**		< 2.8	**U**		**210**			< 1.7	**U**		< 1.2	**U**		< 1.3	**U**		< 2.2	**U**	
VMP-16	19	VMP-16-19-050422	5/4/2022	**87**			< 14	**U**		< 22	**U**		**190**			< 13	**U**		< 9.9	**U**		< 10	**U**		< 44	**U**	
VMP-16	19	VMP-16-19-080122	8/1/2022	**140**			< 5	**U**		< 7.8	**U**		**280**			< 4.8	**U**		< 3.5	**U**		< 3.7	**U**		< 6.2	**U**	
VMP-16	31	VMP-16-31-102621	10/26/2021	**430**			< 8.1	**U**		< 12	**U**		**260**			< 7.6	**U**		< 5.6	**U**		< 5.9	**U**		< 10	**U**	
VMP-16	31	VMP-16-31-012522	1/25/2022	**470**			< 6.9	**U**		< 11	**U**		**280**			< 6.5	**U**		< 4.7	**U**		< 5	**U**		< 8.5	**U**	
VMP-16	31	VMP-16-31-050422	5/4/2022	**480**			< 18	**U**		< 28	**U**		**260**			< 17	**U**		< 12	**U**		< 13	**U**		< 56	**U**	
VMP-16	31	VMP-16-31-080122	8/1/2022	**490**			< 7.3	**U**		< 11	**U**		**300**			< 6.8	**U**		< 5	**U**		< 5.3	**U**		< 9	**U**	
VMP-17	5	VMP-17-5-102721	10/27/2021	< 0.0032	**U**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0046	**U**		< 0.0049	**U**		< 0.021	**U**	
VMP-17	5	VMP-17-5-012422	1/24/2022	< 0.0034	**U**		< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-17	5	VMP-17-5-042722	4/27/2022	< 0.0035	**U**		< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0069	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.023	**U**	
VMP-17	5	VMP-17-5-072522	7/25/2022	< 0.0036	**U**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**	**UJ**	< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-25	5	VMP-25-5-102721	10/27/2021	**0.0014**	**J**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.021	**U**	
VMP-25	5	VMP-25-5-102721-DUP	10/27/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-25	5	VMP-25-5-012422	1/24/2022	< 0.0035	**U**		< 0.0074	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0070	**U**		< 0.0051	**U**		< 0.0054	**U**		< 0.023	**U**	
VMP-25	5	VMP-25-5-012422-DUP	1/24/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-25	5	VMP-25-5-050322	5/3/2022	< 3.4	**U**		< 7.2	**U**		< 11	**U**		**330**			< 6.8	**U**		< 5	**U**		< 5.3	**U**		< 22	**U**	
VMP-25	5	VMP-25-5-050322-DUP	5/3/2022	< 3.5	**U**		< 7.4	**U**		< 11	**U**		**340**			< 7	**U**		< 5.1	**U**		< 5.4	**U**		< 23	**U**	
VMP-25	5	VMP-25-5-062422-R	6/24/2022	< 0.11	**U**		< 0.24	**U**		< 0.37	**U**		**2.2**			< 0.22	**U**		< 0.16	**U**		< 0.18	**U**		< 0.74	**U**	
VMP-25	5	VMP-25-5-072722	7/27/2022	**0.018**			< 0.028	**U**		< 0.042	**U**		**1.9**			< 0.026	**U**		< 0.019	**U**		< 0.02	**U**		< 0.085	**U**	
VMP-29	10	VMP-29-10-102921	10/29/2021	< 0.0033	**U**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0048	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-29	10	VMP-29-10-012622	1/26/2022	< 0.0034	**U**		< 0.0070	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	
VMP-29	10	VMP-29-10-050322	5/3/2022	**0.051**			< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-29	10	VMP-29-10-072722	7/27/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-29	18	VMP-29-18-102921	10/29/2021	**0.0022**	**J**		< 0.0075	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0071	**U**		< 0.0052	**U**		< 0.0055	**U**		< 0.023	**U**	
VMP-29	18	VMP-29-18-012622	1/26/2022	< 0.0033	**U**		< 0.0069	**U**		< 0.01	**U**		< 0.0097	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-29	18	VMP-29-18-050322	5/3/2022	**0.018**			< 0.0073	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		< 0.0053	**U**		< 0.022	**U**	
VMP-29	18	VMP-29-18-072722	7/27/2022	**0.0028**	**J**		< 0.0069	**U**		< 0.011	**U**		< 0.0098	**U**		< 0.0065	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-29	18	VMP-29-18-072722-DUP	7/27/2022	**0.0026**	**J**		< 0.0076	**U**		< 0.012	**U**		< 0.011	**U**		< 0.0072	**U**		< 0.0052	**U**		< 0.0056	**U**		< 0.024	**U**	
VMP-29	26	VMP-29-26-102921	10/29/2021	**0.0011**	**J**		< 0.0068	**U**		< 0.01	**U**		< 0.0096	**U**		< 0.0064	**U**		< 0.0047	**U**		< 0.0050	**U**		< 0.021	**U**	
VMP-29	26	VMP-29-26-012622	1/26/2022	< 0.0034	**U**		< 0.0072	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0068	**U**		< 0.0050	**U**		**0.0023**	**J**		< 0.022	**U**	
VMP-29	26	VMP-29-26-050322	5/3/2022	**0.053**			< 0.0071	**U**		< 0.011	**U**		< 0.01	**U**		< 0.0067	**U**		< 0.0049	**U**		< 0.0052	**U**		< 0.022	**U**	
VMP-29	26	VMP-29-26-072722	7/27/2022	**0.0027**	**J**		< 0.0070	**U**		< 0.011	**U**		< 0.0099	**U**		< 0.0066	**U**		< 0.0048	**U**		< 0.0051	**U**		< 0.022	**U**	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Benzene			Bromodichloromethane			Bromoform			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane		
				2.8			450000			52						1.5			420			0.92					
				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-30	10	VMP-30-10-102921	10/29/2021	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		0.0028	J		< 0.021	U	
VMP-30	10	VMP-30-10-012622	1/26/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-30	10	VMP-30-10-050322	5/3/2022	0.0024	J		< 0.0086	U		< 0.013	U		< 0.012	U		< 0.0080	U		< 0.0059	U		< 0.0062	U		< 0.026	U	
VMP-30	10	VMP-30-10-072722	7/27/2022	0.0021	J		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-30	18	VMP-30-18-102921	10/29/2021	0.0043			< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-30	18	VMP-30-18-012622	1/26/2022	< 0.0033	U		< 0.0069	U		< 0.01	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-30	18	VMP-30-18-012622-DUP	1/26/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U	
VMP-30	18	VMP-30-18-050322	5/3/2022	0.013			< 0.0073	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-30	18	VMP-30-18-072722	7/27/2022	0.021			< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-30	26	VMP-30-26-102921	10/29/2021	0.011			< 0.0065	U		< 0.01	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U	
VMP-30	26	VMP-30-26-012622	1/26/2022	< 0.0031	U		< 0.0065	U		< 0.01	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U	
VMP-30	26	VMP-30-26-050322	5/3/2022	0.015			< 0.0071	U		< 0.011	U		0.01			< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-30	26	VMP-30-26-072722	7/27/2022	0.0091			< 0.0071	U		< 0.011	U		< 0.01	U	UJ	< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-41	10	VMP-41-10-102921	10/29/2021	< 0.0038	U		< 0.0079	U		< 0.012	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0057	U		< 0.024	U	
VMP-41	10	VMP-41-10-012622	1/26/2022	< 0.0032	U		< 0.0066	U		< 0.01	U		< 0.0094	U		< 0.0062	U		0.0021	J		< 0.0048	U		< 0.02	U	
VMP-41	10	VMP-41-10-042922	4/29/2022	< 0.0034	U		< 0.0071	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U	
VMP-41	10	VMP-41-10-042922-DUP	4/29/2022	< 0.0033	U		< 0.0069	U		< 0.011	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U	
VMP-41	10	VMP-41-10-072722	7/27/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U	UJ	< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-41	20	VMP-41-20-102921	10/29/2021	< 0.0034	U		< 0.0070	U		< 0.011	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U	
VMP-41	20	VMP-41-20-042922	4/29/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U	
VMP-41	20	VMP-41-20-072722	7/27/2022	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U	UJ	< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-41	26	VMP-41-26-102921	10/29/2021	< 0.0035	U		< 0.0074	U		< 0.011	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U	
VMP-41	26	VMP-41-26-012622	1/26/2022	< 0.0032	U		< 0.0067	U		< 0.01	U		< 0.0095	U		< 0.0063	U		0.0014	J		< 0.0049	U		< 0.021	U	
VMP-41	26	VMP-41-26-042922	4/29/2022	< 0.0034	U		< 0.0072	U		< 0.011	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U	
VMP-41	26	VMP-41-26-072722	7/27/2022	< 0.0036	U		< 0.0076	U		< 0.012	U		< 0.011	U	UJ	< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U	
VMP-55	20	VMP-55-20-102721	10/27/2021	< 1.2	U		< 2.4	U		< 3.8	U		310		J	< 2.3	U		< 1.7	U		< 1.8	U		< 3	U	
VMP-55	20	VMP-55-20-012422	1/24/2022	< 0.91	U		< 1.9	U		< 2.9	U		290			< 1.8	U		< 1.3	U		< 1.4	U		< 2.4	U	
VMP-55	20	VMP-55-20-050322	5/3/2022	< 1.6	U		< 3.4	U		< 5.3	U		660			< 3.2	U		< 2.3	U		< 2.5	U		2.4	J	
VMP-55	20	VMP-55-20-072822	7/28/2022	< 0.098	U		< 0.21	U		< 0.32	U		0.97			< 0.19	U		< 0.14	U		< 0.15	U		< 0.64	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.048			1700			0.81			45			2.3			2.3						9.3		
				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-10	5	VMP-10-5-102921	10/29/2021	< 0.0082	U		0.0029	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-10	5	VMP-10-5-012622	1/26/2022	< 0.0075	U		0.0020	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-10	5	VMP-10-5-042922	4/29/2022	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0017	J		0.014	J		< 0.0046	U	
VMP-10	5	VMP-10-5-072722	7/27/2022	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-10	10	VMP-10-10-102921	10/29/2021	< 0.0077	U		0.0026	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0043	U	
VMP-10	10	VMP-10-10-012622	1/26/2022	< 0.0081	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-10	10	VMP-10-10-042922	4/29/2022	< 0.0083	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.019	J		< 0.0047	U	
VMP-10	10	VMP-10-10-072722	7/27/2022	< 0.0087	U		0.0024	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-10	20	VMP-10-20-102921	10/29/2021	< 0.0079	U		0.0030	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-10	20	VMP-10-20-102921-DUP	10/29/2021	< 0.0081	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-10	20	VMP-10-20-012622	1/26/2022	< 0.0085	U		0.0024	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-10	20	VMP-10-20-042922	4/29/2022	< 0.0080	U		0.0028	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-10	20	VMP-10-20-072722	7/27/2022	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-10	30	VMP-10-30-012622	1/26/2022	< 0.0081	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-10	30	VMP-10-30-042922	4/29/2022	< 0.0080	U		0.0032	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.02			< 0.0045	U	
VMP-10	30	VMP-10-30-072722	7/27/2022	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.012	J	J	< 0.0048	U	
VMP-11	5	VMP-11-5-110121	11/1/2021	< 0.0075	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U	UJ	< 0.0042	U	
VMP-11	5	VMP-11-5-011922	1/19/2022	< 0.0086	U		0.0025	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-11	5	VMP-11-5-050422	5/4/2022	< 0.0080	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		0.0076		
VMP-11	5	VMP-11-5-072822	7/28/2022	< 0.0091	U		0.0034	J		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		0.01	J		< 0.0051	U	
VMP-11	8	VMP-11-8-110121	11/1/2021	< 0.0080	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0080	J	J	< 0.0045	U	
VMP-11	8	VMP-11-8-011922	1/19/2022	< 0.0083	U		< 0.0053	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.047			< 0.0047	U	
VMP-11	8	VMP-11-8-050422	5/4/2022	< 0.0081	U		0.0031	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-11	8	VMP-11-8-072822	7/28/2022	< 0.0083	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-11	29	VMP-11-29-110121	11/1/2021	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	< 0.0045	U	
VMP-11	29	VMP-11-29-110121-DUP	11/1/2021	< 0.0076	U		0.0026	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0043	U	
VMP-11	29	VMP-11-29-050422	5/4/2022	< 0.0080	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.05			< 0.0045	U	
VMP-11	29	VMP-11-29-072822	7/28/2022	< 0.0082	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.016	J		< 0.0046	U	
VMP-11	38	VMP-11-38-110121	11/1/2021	< 0.0078	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-11	38	VMP-11-38-050422	5/4/2022	< 0.0081	U		0.0034	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		0.0024	J	
VMP-11	38	VMP-11-38-072822	7/28/2022	< 0.0090	U		0.0029	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		0.015	J		< 0.0050	U	
VMP-12	5	VMP-12-5-102621	10/26/2021	< 0.0084	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0078	J		0.0027	J	
VMP-12	5	VMP-12-5-012522	1/25/2022	< 0.0079	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.014	J		< 0.0045	U	
VMP-12	5	VMP-12-5-012522-DUP	1/25/2022	< 0.0081	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050422	5/4/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050422-DUP	5/4/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	5	VMP-12-5-080122	8/1/2022	< 0.0088	U		0.0026	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-12	5	VMP-12-5-080122-DUP	8/1/2022	< 0.0084	U		0.0030	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-12	11.5	VMP-12-11.5-102621	10/26/2021	< 0.0081	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-012522	1/25/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-050422	5/4/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0069	J		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-080122	8/1/2022	< 0.0088	U		0.0041	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-12	25	VMP-12-25-102621	10/26/2021	< 4.2	U		< 2.7	U		< 2.2	U		< 7.6	U		< 2.5	U		< 7.8	U		< 4.1	U		1.1	J	
VMP-12	25	VMP-12-25-012522	1/25/2022	< 3.8	U		< 2.4	U		< 2	U		< 6.9	U		< 2.3	U		< 7.1	U		< 4.7	U		3.9		
VMP-12	25	VMP-12-25-050422	5/4/2022	< 7.5	U		< 4.8	U		< 4	U		< 34	U		3	J	J	< 14	U		20			1.7	J	
VMP-12	25	VMP-12-25-080122	8/1/2022	< 4.3	U		< 2.8	U		< 2.3	U		< 7.8	U		< 2.6	U		< 8.1	U		< 5.3	U		< 2.4	U	
VMP-12	39	VMP-12-39-050422	5/4/2022	< 20	U		< 13	U		< 11	U		< 92	U		4.8	J	J	< 38	U		19	J		5.3	J	
VMP-12	39	VMP-12-39-080122	8/1/2022	< 9	U		< 5.8	U		< 4.7	U		< 16	U		< 5.4	U		< 17	U		< 11	U		< 5.1	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.048			1700			0.81			45			2.3			2.3						9.3		
				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-13	5	VMP-13-5-102921	10/29/2021	< 0.0079	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0081	J		< 0.0045	U	
VMP-13	5	VMP-13-5-012622	1/26/2022	< 0.0071	U		0.0023	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-13	5	VMP-13-5-042922	4/29/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.016	J		< 0.0046	U	
VMP-13	5	VMP-13-5-072722	7/27/2022	< 0.0083	U		0.0027	J		< 0.0044	U		< 0.038	U		< 0.0050	U		0.0023	J		< 0.02	U		< 0.0047	U	
VMP-13	10.5	VMP-13-10.5-102921	10/29/2021	< 0.0078	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-13	10.5	VMP-13-10.5-012622	1/26/2022	< 0.0081	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-13	10.5	VMP-13-10.5-042922	4/29/2022	< 0.0081	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-13	10.5	VMP-13-10.5-072722	7/27/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-102921	10/29/2021	< 0.0081	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-102921-DUP	10/29/2021	< 0.0078	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-13	21.5	VMP-13-21.5-012622	1/26/2022	< 0.0080	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.021		U	< 0.0045	U	
VMP-13	21.5	VMP-13-21.5-042922	4/29/2022	< 0.0082	U		0.0034	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.023			< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-072722	7/27/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-13	29.5	VMP-13-29.5-102921	10/29/2021	< 0.0078	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-13	29.5	VMP-13-29.5-012622	1/26/2022	< 0.0084	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-13	29.5	VMP-13-29.5-012622-DUP	1/26/2022	< 0.0083	U		0.0022	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-13	29.5	VMP-13-29.5-050222	5/2/2022	< 0.0083	U		0.0026	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.018	J		< 0.0047	U	
VMP-14	5	VMP-14-5-102921	10/29/2021	< 0.0079	U		0.0028	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U	UJ	< 0.0044	U	
VMP-14	5	VMP-14-5-050322	5/3/2022	< 0.0087	U		0.0023	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		0.0014	J	
VMP-14	5	VMP-14-5-072722	7/27/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-102921	10/29/2021	< 0.0077	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-14	11.5	VMP-14-11.5-050322	5/3/2022	< 0.0085	U		0.0029	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-14	11.5	VMP-14-11.5-072722	7/27/2022	< 0.0079	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-072722-DUP	7/27/2022	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		0.023			< 0.0044	U	
VMP-14	20	VMP-14-20-102921	10/29/2021	< 0.0080	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	< 0.0045	U	
VMP-14	20	VMP-14-20-012722	1/27/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-14	20	VMP-14-20-050322	5/3/2022	< 0.0086	U		0.0026	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.014	J		< 0.0048	U	
VMP-14	20	VMP-14-20-050322-DUP	5/3/2022	< 0.0083	U		0.0030	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.0076	J		< 0.0047	U	
VMP-14	20	VMP-14-20-072722	7/27/2022	< 0.0087	U		0.0029	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-14	29	VMP-14-29-102921	10/29/2021	< 0.0082	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-14	29	VMP-14-29-012722	1/27/2022	< 0.0088	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-14	29	VMP-14-29-050322	5/3/2022	< 0.0097	U		0.0030	J		< 0.0051	U		< 0.044	U		< 0.0058	U		< 0.018	U		0.0098	J		< 0.0055	U	
VMP-14	29	VMP-14-29-072722	7/27/2022	< 0.0088	U		0.0030	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.011	J		< 0.0050	U	
VMP-15	5	VMP-15-5-102721	10/27/2021	< 0.0079	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-15	5	VMP-15-5-012422	1/24/2022	< 0.0087	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-15	5	VMP-15-5-050322	5/3/2022	< 0.0088	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.019	J		< 0.0050	U	
VMP-15	5	VMP-15-5-072822	7/28/2022	< 0.0083	U		0.0032	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-15	21.5	VMP-15-21.5-102721	10/27/2021	< 0.014	U		< 0.0090	U		< 0.0073	U		< 0.063	U		< 0.0084	U		< 0.026	U		< 0.034	U		< 0.0078	U	
VMP-15	21.5	VMP-15-21.5-012422	1/24/2022	< 0.0084	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-15	21.5	VMP-15-21.5-050322	5/3/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0076	J		< 0.0046	U	
VMP-15	21.5	VMP-15-21.5-072822	7/28/2022	< 0.0087	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-15	21.5	VMP-15-21.5-072822-DUP	7/28/2022	< 0.0084	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-15	25.5	VMP-15-25.5-102721	10/27/2021	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-15	25.5	VMP-15-25.5-012422	1/24/2022	< 0.0090	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		0.0036	J		< 0.022	U		< 0.0051	U	
VMP-15	25.5	VMP-15-25.5-050322	5/3/2022	< 0.0080	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-15	25.5	VMP-15-25.5-072822	7/28/2022	< 0.0087	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-15	29	VMP-15-29-050322	5/3/2022	< 0.0080	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.048			1700			0.81			45			2.3			2.3						9.3		
				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-16	5	VMP-16-5-102621	10/26/2021	< 0.0085	U		0.0027	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-16	5	VMP-16-5-102621-DUP	10/26/2021	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-16	5	VMP-16-5-012522	1/25/2022	< 0.082	U		< 0.053	U		< 0.043	U		< 0.37	U		< 0.049	U		< 0.15	U		< 0.2	U		< 0.046	U	
VMP-16	5	VMP-16-5-050422	5/4/2022	< 0.0079	U		0.0030	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-16	5	VMP-16-5-080122	8/1/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-16	13.5	VMP-16-13.5-102621	10/26/2021	< 2	U		< 1.3	U		< 1	U		< 3.6	U		< 1.2	U		< 3.7	U		< 2	U		< 1.1	U	
VMP-16	13.5	VMP-16-13.5-012522	1/25/2022	< 1.9	U		< 1.2	U		< 1	U		< 3.4	U		< 1.1	U		< 3.6	U		< 2.3	U		< 1.1	U	
VMP-16	13.5	VMP-16-13.5-050422	5/4/2022	< 6.3	U		< 4	U		< 3.3	U		< 28	U		2.4	J	J	< 12	U		24			< 3.6	U	
VMP-16	13.5	VMP-16-13.5-080122	8/1/2022	< 4.3	U		< 2.8	U		< 2.3	U		< 7.8	U		< 2.6	U		< 8.1	U		< 5.3	U		1.6	J	
VMP-16	19	VMP-16-19-102621	10/26/2021	< 3.9	U		< 2.5	U		< 2	U		< 7	U		< 2.3	U		< 7.3	U		< 3.8	U		2.1	J	
VMP-16	19	VMP-16-19-012522	1/25/2022	< 2.1	U		< 1.3	U		< 1.1	U		< 3.7	U		< 1.2	U		< 3.9	U		< 2.5	U		< 1.2	U	
VMP-16	19	VMP-16-19-050422	5/4/2022	< 16	U		< 11	U		< 8.7	U		< 74	U		< 9.9	U		< 31	U		20	J		< 9.3	U	
VMP-16	19	VMP-16-19-080122	8/1/2022	< 5.8	U		< 3.7	U		< 3	U		< 10	U		< 3.5	U		< 11	U		< 7.1	U		5		
VMP-16	31	VMP-16-31-102621	10/26/2021	< 9.3	U		< 6	U		< 4.9	U		< 17	U		< 5.6	U		< 17	U		< 9.1	U		160		
VMP-16	31	VMP-16-31-012522	1/25/2022	< 7.9	U		< 5.1	U		< 4.2	U		< 14	U		< 4.8	U		< 15	U		< 9.7	U		150		
VMP-16	31	VMP-16-31-050422	5/4/2022	< 21	U		< 13	U		< 11	U		< 95	U		8.2	J	J	< 39	U		25	J		180		
VMP-16	31	VMP-16-31-080122	8/1/2022	< 8.3	U		< 5.4	U		< 4.4	U		< 15	U		< 5	U		< 16	U		< 10	U		180		
VMP-17	5	VMP-17-5-102721	10/27/2021	< 0.0078	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0062	J		< 0.0044	U	
VMP-17	5	VMP-17-5-012422	1/24/2022	< 0.0082	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-17	5	VMP-17-5-042722	4/27/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0083	J		< 0.0048	U	
VMP-17	5	VMP-17-5-072522	7/25/2022	< 0.0087	U		0.0028	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.0070	J		< 0.0049	U	
VMP-25	5	VMP-25-5-102721	10/27/2021	< 0.0080	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.01	J		< 0.0045	U	
VMP-25	5	VMP-25-5-102721-DUP	10/27/2021	< 0.0080	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-25	5	VMP-25-5-012422	1/24/2022	< 0.0085	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-25	5	VMP-25-5-012422-DUP	1/24/2022	< 0.0079	U		< 0.0051	U		< 0.0041	U		< 0.036	U		< 0.0047	U		0.0017	J		< 0.019	U		< 0.0044	U	
VMP-25	5	VMP-25-5-050322	5/3/2022	< 8.3	U		< 5.3	U		< 4.4	U		< 38	U		2.9	J	J	< 16	U		25			< 4.7	U	
VMP-25	5	VMP-25-5-050322-DUP	5/3/2022	< 8.5	U		< 5.5	U		< 4.5	U		< 38	U		3.8	J	J	< 16	U		26			< 4.8	U	
VMP-25	5	VMP-25-5-062422-R	6/24/2022	< 0.28	U		< 0.18	U		< 0.14	U		< 1.2	U		< 0.16	U		< 0.52	U		1.4			< 0.16	U	
VMP-25	5	VMP-25-5-072722	7/27/2022	< 0.032	U		< 0.02	U		< 0.017	U		< 0.14	U		< 0.019	U		< 0.059	U		< 0.077	U	UJ	< 0.018	U	
VMP-29	10	VMP-29-10-102921	10/29/2021	< 0.0080	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-29	10	VMP-29-10-012622	1/26/2022	< 0.0081	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0028	J		< 0.02	U		< 0.0046	U	
VMP-29	10	VMP-29-10-050322	5/3/2022	< 0.0087	U		0.0025	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.0079	J		< 0.0049	U	
VMP-29	10	VMP-29-10-072722	7/27/2022	< 0.0083	U		< 0.0053	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.016	J		< 0.0047	U	
VMP-29	18	VMP-29-18-102921	10/29/2021	< 0.0086	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-29	18	VMP-29-18-012622	1/26/2022	< 0.0079	U		0.0022	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-29	18	VMP-29-18-050322	5/3/2022	< 0.0084	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.02			0.0019	J	
VMP-29	18	VMP-29-18-072722	7/27/2022	< 0.0079	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-29	18	VMP-29-18-072722-DUP	7/27/2022	< 0.0088	U		0.0027	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.025			< 0.0049	U	
VMP-29	26	VMP-29-26-102921	10/29/2021	< 0.0078	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-29	26	VMP-29-26-012622	1/26/2022	< 0.0083	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-29	26	VMP-29-26-050322	5/3/2022	< 0.0082	U		0.0030	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.011	J		< 0.0046	U	
VMP-29	26	VMP-29-26-072722	7/27/2022	< 0.0080	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.018	J		< 0.0045	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane (EDB)			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				0.048			1700			0.81			45			2.3			2.3						9.3		
				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-30	10	VMP-30-10-102921	10/29/2021	< 0.0077	U		0.0026	J		< 0.0040	U		< 0.035	U		< 0.0046	U		0.011	J		< 0.019	U		< 0.0043	U	
VMP-30	10	VMP-30-10-012622	1/26/2022	< 0.0081	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-30	10	VMP-30-10-050322	5/3/2022	< 0.0098	U		0.0028	J		< 0.0052	U		< 0.044	U		< 0.0059	U		< 0.018	U		0.031			< 0.0056	U	
VMP-30	10	VMP-30-10-072722	7/27/2022	< 0.0082	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.018	J		< 0.0046	U	
VMP-30	18	VMP-30-18-102921	10/29/2021	< 0.0081	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-30	18	VMP-30-18-012622	1/26/2022	< 0.0079	U		0.0021	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-30	18	VMP-30-18-012622-DUP	1/26/2022	< 0.0077	U		0.0030	J		< 0.0041	U		0.015	J		< 0.0046	U		< 0.014	U		0.034			< 0.0044	U	
VMP-30	18	VMP-30-18-050322	5/3/2022	< 0.0083	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.19			< 0.0047	U	
VMP-30	18	VMP-30-18-072722	7/27/2022	< 0.0081	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-30	26	VMP-30-26-102921	10/29/2021	< 0.0074	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-30	26	VMP-30-26-012622	1/26/2022	< 0.0074	U		0.0020	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-30	26	VMP-30-26-050322	5/3/2022	< 0.0081	U		0.0030	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.11			< 0.0046	U	
VMP-30	26	VMP-30-26-072722	7/27/2022	< 0.0081	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-41	10	VMP-41-10-102921	10/29/2021	< 0.0090	U		0.0028	J		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U	UJ	< 0.0051	U	
VMP-41	10	VMP-41-10-012622	1/26/2022	< 0.0076	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-41	10	VMP-41-10-042922	4/29/2022	< 0.0081	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.015	J		< 0.0046	U	
VMP-41	10	VMP-41-10-042922-DUP	4/29/2022	< 0.0079	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		0.0028	J		0.024			< 0.0045	U	
VMP-41	10	VMP-41-10-072722	7/27/2022	< 0.0085	U		0.0027	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-41	20	VMP-41-20-102921	10/29/2021	< 0.0081	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U	UJ	0.0017	J	
VMP-41	20	VMP-41-20-042922	4/29/2022	< 0.0083	U		0.0031	J		< 0.0044	U		< 0.038	U		< 0.0050	U		0.0034	J		0.013	J		< 0.0047	U	
VMP-41	20	VMP-41-20-072722	7/27/2022	< 0.0085	U		0.0025	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0084	J		< 0.0048	U	
VMP-41	26	VMP-41-26-102921	10/29/2021	< 0.0085	U		0.0029	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U	UJ	< 0.0048	U	
VMP-41	26	VMP-41-26-012622	1/26/2022	< 0.0077	U		0.0023	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-41	26	VMP-41-26-042922	4/29/2022	< 0.0083	U		0.0030	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-41	26	VMP-41-26-072722	7/27/2022	< 0.0087	U		0.0027	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-55	20	VMP-55-20-102721	10/27/2021	< 2.8	U		< 1.8	U		< 1.5	U		< 5	U		< 1.7	U		< 5.2	U		< 2.7	U		< 1.6	U	
VMP-55	20	VMP-55-20-012422	1/24/2022	< 2.2	U		< 1.4	U		< 1.2	U		< 4	U		< 1.3	U		< 4.1	U		< 2.7	U		< 1.2	U	
VMP-55	20	VMP-55-20-050322	5/3/2022	< 3.9	U		< 2.5	U		< 2.1	U	UJ	< 7.1	U		< 2.4	U		< 7.4	U		< 4.8	U		< 2.2	U	
VMP-55	20	VMP-55-20-072822	7/28/2022	< 0.24	U		< 0.15	U		< 0.12	U		0.25	J		< 0.14	U		< 0.44	U		0.68			< 0.13	U	

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			4			12					
				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-10	5	VMP-10-5-102921	10/29/2021	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0090	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-10	5	VMP-10-5-012622	1/26/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.028			< 0.0066	U		1.6			< 0.0048	U	
VMP-10	5	VMP-10-5-042922	4/29/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.01			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-10	5	VMP-10-5-072722	7/27/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-10	10	VMP-10-10-102921	10/29/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.033			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-10	10	VMP-10-10-012622	1/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-10	10	VMP-10-10-042922	4/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.052			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-10	10	VMP-10-10-072722	7/27/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0059	J		0.0047	J		< 0.0061	U		< 0.0056	U	
VMP-10	20	VMP-10-20-102921	10/29/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0043	J		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-10	20	VMP-10-20-102921-DUP	10/29/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.013			< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-10	20	VMP-10-20-012622	1/26/2022	< 0.0054	U		< 0.0045	U		0.0013	J		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-10	20	VMP-10-20-042922	4/29/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.046			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-10	20	VMP-10-20-072722	7/27/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0055	J		0.0079			< 0.0060	U		< 0.0055	U	
VMP-10	30	VMP-10-30-012622	1/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-10	30	VMP-10-30-042922	4/29/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.01			< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-10	30	VMP-10-30-072722	7/27/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-11	5	VMP-11-5-110121	11/1/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.012	U		0.0066	J		< 0.0066	U		< 0.0052	U		< 0.0048	U	
VMP-11	5	VMP-11-5-011922	1/19/2022	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0061	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-11	5	VMP-11-5-050422	5/4/2022	< 0.0051	U		0.028			0.035			< 0.012	U		0.0095	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-11	5	VMP-11-5-072822	7/28/2022	< 0.0058	U		< 0.0048	U		0.0050			< 0.014	U		0.0087	J		0.0038	J		0.043			< 0.0058	U	
VMP-11	8	VMP-11-8-110121	11/1/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0080	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-11	8	VMP-11-8-011922	1/19/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.06			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-11	8	VMP-11-8-050422	5/4/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0065	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-11	8	VMP-11-8-072822	7/28/2022	< 0.0053	U		< 0.0044	U		0.0012	J		< 0.013	U		< 0.011	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-11	29	VMP-11-29-110121	11/1/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-11	29	VMP-11-29-110121-DUP	11/1/2021	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.0053	U		< 0.0049	U	
VMP-11	29	VMP-11-29-050422	5/4/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.027			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-11	29	VMP-11-29-072822	7/28/2022	< 0.0053	U		< 0.0044	U		0.0052			< 0.013	U		< 0.01	U		< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-11	38	VMP-11-38-110121	11/1/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0038	J		< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-11	38	VMP-11-38-050422	5/4/2022	0.0028	J		0.0044			0.0045			< 0.012	U		0.0082	J		< 0.0071	U		< 0.0056	U		0.0041	J	
VMP-11	38	VMP-11-38-072822	7/28/2022	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0048	J		0.0025	J		< 0.0063	U		< 0.0057	U	
VMP-12	5	VMP-12-5-102621	10/26/2021	0.0063			0.0026	J		0.0069			< 0.013	U		0.023			< 0.0074	U		< 0.0059	U		0.0063		
VMP-12	5	VMP-12-5-012522	1/25/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.046		J	< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-12	5	VMP-12-5-012522-DUP	1/25/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.022		J	< 0.0071	U		< 0.0056	U		< 0.0052	U	
VMP-12	5	VMP-12-5-050422	5/4/2022	< 0.0052	U		< 0.0043	U		0.0011	J		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-12	5	VMP-12-5-050422-DUP	5/4/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0059	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-12	5	VMP-12-5-080122	8/1/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-12	5	VMP-12-5-080122-DUP	8/1/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-12	11.5	VMP-12-11.5-102621	10/26/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.044			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-12	11.5	VMP-12-11.5-012522	1/25/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.01	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-12	11.5	VMP-12-11.5-050422	5/4/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.012			0.0018	J		< 0.0058	U		< 0.0052	U	
VMP-12	11.5	VMP-12-11.5-080122	8/1/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.0043	J		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-12	25	VMP-12-25-102621	10/26/2021	1.3	J		12			68			1100			3.2	J		< 3.7	U		< 2.9	U		1.1	J	
VMP-12	25	VMP-12-25-012522	1/25/2022	1.4	J		37			220			2100			1.5	J		< 3.4	U		< 2.7	U		1.3	J	
VMP-12	25	VMP-12-25-050422	5/4/2022	< 4.8	U		6			69			650			20			< 6.6	U		< 5.3	U		< 4.8	U	
VMP-12	25	VMP-12-25-080122	8/1/2022	2	J		41			360			2500			< 6.9	U		< 3.8	U		< 3	U		1.4	J	
VMP-12	39	VMP-12-39-050422	5/4/2022	< 13	U		230			1500			6100			26	J		< 18	U		< 14	U		< 13	U	
VMP-12	39	VMP-12-39-080122	8/1/2022	< 5.8	U		160			1600			7300			< 14	U		< 7.9	U		< 6.3	U		< 5.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			4			12					
				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-13	5	VMP-13-5-102921	10/29/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0098	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-13	5	VMP-13-5-012622	1/26/2022	< 0.0046	U		< 0.0038	U		0.0012	J		< 0.011	U		0.012			< 0.0063	U		< 0.0050	U		< 0.0046	U	
VMP-13	5	VMP-13-5-042922	4/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.019			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-13	5	VMP-13-5-072722	7/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0044	J		0.0056	J		< 0.0058	U		< 0.0053	U	
VMP-13	10.5	VMP-13-10.5-102921	10/29/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.029			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-13	10.5	VMP-13-10.5-012622	1/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0037	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-13	10.5	VMP-13-10.5-042922	4/29/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0040	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-13	10.5	VMP-13-10.5-072722	7/27/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-13	21.5	VMP-13-21.5-102921	10/29/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.048		J	0.0063	J		< 0.0057	U		< 0.0052	U	
VMP-13	21.5	VMP-13-21.5-102921-DUP	10/29/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.0080	J	J	0.0056	J		< 0.0054	U		< 0.0050	U	
VMP-13	21.5	VMP-13-21.5-012622	1/26/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.061			0.0044	J		< 0.0056	U		< 0.0051	U	
VMP-13	21.5	VMP-13-21.5-042922	4/29/2022	< 0.0052	U		< 0.0044	U		0.0019	J		< 0.012	U		0.032			0.0037	J		< 0.0057	U		< 0.0052	U	
VMP-13	21.5	VMP-13-21.5-072722	7/27/2022	0.0042	J		< 0.0045	U		0.0060			0.025			< 0.011	U		0.0034	J		0.0096			0.0083		
VMP-13	29.5	VMP-13-29.5-102921	10/29/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0069	U		< 0.0055	U		< 0.0050	U	
VMP-13	29.5	VMP-13-29.5-012622	1/26/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0060	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-13	29.5	VMP-13-29.5-012622-DUP	1/26/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0044	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-13	29.5	VMP-13-29.5-050222	5/2/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0082	J		< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-14	5	VMP-14-5-102921	10/29/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-14	5	VMP-14-5-050322	5/3/2022	< 0.0056	U		0.0030	J		0.0038	J		< 0.013	U		0.022			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-14	5	VMP-14-5-072722	7/27/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0035	J		< 0.0070	U		0.0025	J		< 0.0051	U	
VMP-14	11.5	VMP-14-11.5-102921	10/29/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.0086	J		< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-14	11.5	VMP-14-11.5-050322	5/3/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0055	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-14	11.5	VMP-14-11.5-072722	7/27/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-14	11.5	VMP-14-11.5-072722-DUP	7/27/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0056	J		< 0.0069	U		< 0.0055	U		< 0.0050	U	
VMP-14	20	VMP-14-20-102921	10/29/2021	< 0.0051	U		< 0.0042	U		0.0016	J		< 0.012	U		0.011			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-14	20	VMP-14-20-012722	1/27/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-14	20	VMP-14-20-050322	5/3/2022	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.013	U		0.0092	J		< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-14	20	VMP-14-20-050322-DUP	5/3/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.014			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-14	20	VMP-14-20-072722	7/27/2022	< 0.0056	U		< 0.0046	U		0.0044			< 0.013	U		0.0043	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-14	29	VMP-14-29-102921	10/29/2021	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.05			< 0.0072	U		< 0.0058	U		< 0.0052	U	
VMP-14	29	VMP-14-29-012722	1/27/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.0065	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-14	29	VMP-14-29-050322	5/3/2022	< 0.0062	U		< 0.0052	U		< 0.0044	U		< 0.015	U		0.016			0.0027	J		< 0.0068	U		< 0.0062	U	
VMP-14	29	VMP-14-29-072722	7/27/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.014	U		0.0039	J		< 0.0078	U		< 0.0062	U		< 0.0056	U	
VMP-15	5	VMP-15-5-102721	10/27/2021	< 0.0051	U		0.0024	J		0.0055			< 0.012	U		0.018			< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-15	5	VMP-15-5-012422	1/24/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.0075	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-15	5	VMP-15-5-050322	5/3/2022	< 0.0056	U		< 0.0047	U		0.0026	J		< 0.014	U		0.021			0.0079			< 0.0062	U		< 0.0056	U	
VMP-15	5	VMP-15-5-072822	7/28/2022	< 0.0053	U		< 0.0044	U		0.0019	J		< 0.013	U		< 0.011	U		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-15	21.5	VMP-15-21.5-102721	10/27/2021	< 0.0089	U		< 0.0074	U		< 0.0064	U		< 0.021	U		< 0.018	U		< 0.012	U		< 0.0097	U		< 0.0089	U	
VMP-15	21.5	VMP-15-21.5-012422	1/24/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.0043	J		< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-15	21.5	VMP-15-21.5-050322	5/3/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0070	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-15	21.5	VMP-15-21.5-072822	7/28/2022	< 0.0056	U		< 0.0046	U		0.0015	J		< 0.013	U		0.0050	J		0.0024	J		0.0036	J		< 0.0056	U	
VMP-15	21.5	VMP-15-21.5-072822-DUP	7/28/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0065	J		< 0.0075	U		0.0049	J		< 0.0054	U	
VMP-15	25.5	VMP-15-25.5-102721	10/27/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.026			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-15	25.5	VMP-15-25.5-012422	1/24/2022	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.0078	J		< 0.0079	U		< 0.0063	U		< 0.0058	U	
VMP-15	25.5	VMP-15-25.5-050322	5/3/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		0.032			0.014			< 0.0071	U		< 0.0056	U		< 0.0051	U	
VMP-15	25.5	VMP-15-25.5-072822	7/28/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		0.023			< 0.011	U		0.0026	J		< 0.0061	U		< 0.0056	U	
VMP-15	29	VMP-15-29-050322	5/3/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		0.012			0.0058	J		< 0.0070	U		< 0.0056	U		< 0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			4			12					
				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	VMP-16-5-102621	10/26/2021	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.017			0.0037	J		< 0.0059	U		< 0.0054	U	
VMP-16	5	VMP-16-5-102621-DUP	10/26/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.027			0.0037	J		< 0.0056	U		< 0.0051	U	
VMP-16	5	VMP-16-5-012522	1/25/2022	< 0.053	U		< 0.044	U		< 0.038	U		0.66			< 0.1	U		< 0.072	U		< 0.058	U		< 0.052	U	
VMP-16	5	VMP-16-5-050422	5/4/2022	< 0.0051	U		< 0.0042	U		0.0054			0.013			0.0085	J		0.0028	J		< 0.0055	U		< 0.0051	U	
VMP-16	5	VMP-16-5-080122	8/1/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0037	J		0.01			< 0.0058	U		< 0.0052	U	
VMP-16	13.5	VMP-16-13.5-102621	10/26/2021	< 1.3	U		< 1.1	U		15			130			< 2.6	U		< 1.8	U		< 1.4	U		< 1.3	U	
VMP-16	13.5	VMP-16-13.5-012522	1/25/2022	< 1.2	U		4.1			54			260			< 3	U		< 1.7	U		< 1.3	U		< 1.2	U	
VMP-16	13.5	VMP-16-13.5-050422	5/4/2022	< 4	U		9.6			87			360			23			< 5.6	U		< 4.4	U		< 4	U	
VMP-16	13.5	VMP-16-13.5-080122	8/1/2022	2.1	J		84			630			3300			< 6.9	U		< 3.8	U		< 3	U		< 2.8	U	
VMP-16	19	VMP-16-19-102621	10/26/2021	3.6			32			520			1400			2.7	J		< 3.4	U		< 2.7	U		1	J	
VMP-16	19	VMP-16-19-012522	1/25/2022	0.85	J		30			350			1200			< 3.3	U		< 1.8	U		< 1.4	U		< 1.3	U	
VMP-16	19	VMP-16-19-050422	5/4/2022	< 10	U		81			480			1300			23			< 14	U		< 12	U		< 10	U	
VMP-16	19	VMP-16-19-080122	8/1/2022	2.1	J		140			800			2600			< 9.3	U		< 5.1	U		< 4	U		0.96	J	
VMP-16	31	VMP-16-31-102621	10/26/2021	40			980			4000			2500			6.7	J		< 8.2	U		< 6.5	U		19		
VMP-16	31	VMP-16-31-012522	1/25/2022	13			830			3300			3400			< 13	U		< 7	U		< 5.5	U		3.1	J	
VMP-16	31	VMP-16-31-050422	5/4/2022	31		J	1000			3100			2500			20	J		< 18	U		< 15	U		23		
VMP-16	31	VMP-16-31-080122	8/1/2022	17			1000			4100			4100			< 13	U		< 7.4	U		< 5.8	U		12		
VMP-17	5	VMP-17-5-102721	10/27/2021	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.012	U		0.032			< 0.0068	U		< 0.0054	U		< 0.0050	U	
VMP-17	5	VMP-17-5-012422	1/24/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.03			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-17	5	VMP-17-5-042722	4/27/2022	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.013	U		0.013			< 0.0074	U		< 0.0059	U		< 0.0054	U	
VMP-17	5	VMP-17-5-072522	7/25/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-25	5	VMP-25-5-102721	10/27/2021	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.037			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-25	5	VMP-25-5-102721-DUP	10/27/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.017			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-25	5	VMP-25-5-012422	1/24/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0054	J		< 0.0075	U		< 0.0060	U		< 0.0054	U	
VMP-25	5	VMP-25-5-012422-DUP	1/24/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-25	5	VMP-25-5-050322	5/3/2022	< 5.3	U		19			97			580			21			< 7.3	U		< 5.8	U		< 5.3	U	
VMP-25	5	VMP-25-5-050322-DUP	5/3/2022	< 5.4	U		21			96			590			22			< 7.5	U		< 6	U		< 5.4	U	
VMP-25	5	VMP-25-5-062422-R	6/24/2022	< 0.18	U		< 0.15	U		0.22			1.4			0.78			< 0.24	U		< 0.19	U		< 0.18	U	
VMP-25	5	VMP-25-5-072722	7/27/2022	< 0.02	U		< 0.017	U		0.068			1.2			< 0.04	U		< 0.028	U		< 0.022	U		< 0.02	U	
VMP-29	10	VMP-29-10-102921	10/29/2021	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.015			< 0.0070	U		< 0.0056	U		< 0.0051	U	
VMP-29	10	VMP-29-10-012622	1/26/2022	0.0025	J		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0079	J		< 0.0071	U		< 0.0056	U		0.0023	J	J
VMP-29	10	VMP-29-10-050322	5/3/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.013			< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-29	10	VMP-29-10-072722	7/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0043	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-29	18	VMP-29-18-102921	10/29/2021	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.013	U		0.025			< 0.0076	U		< 0.0060	U		< 0.0055	U	
VMP-29	18	VMP-29-18-012622	1/26/2022	< 0.0050	U		< 0.0042	U		0.0032	J		< 0.012	U		0.0059	J		< 0.0070	U		< 0.0055	U		< 0.0050	U	
VMP-29	18	VMP-29-18-050322	5/3/2022	< 0.0054	U		< 0.0045	U		0.0016	J		< 0.013	U		0.01	J		< 0.0074	U		< 0.0058	U		< 0.0054	U	
VMP-29	18	VMP-29-18-072722	7/27/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0089	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-29	18	VMP-29-18-072722-DUP	7/27/2022	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.013	U		0.01	J		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-29	26	VMP-29-26-102921	10/29/2021	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0057	J		< 0.0069	U		< 0.0054	U		< 0.0050	U	
VMP-29	26	VMP-29-26-012622	1/26/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0039	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-29	26	VMP-29-26-050322	5/3/2022	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.012	U		0.0099	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-29	26	VMP-29-26-072722	7/27/2022	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0058	J		0.051			< 0.0056	U		< 0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			Isopentane			2-Propanol			Tetrachloroethene			Trichloroethene			1,2,4-Trimethylbenzene		
																			4			12					
				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-30	10	VMP-30-10-102921	10/29/2021	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.016			0.0044	J		< 0.0054	U		< 0.0049	U	
VMP-30	10	VMP-30-10-012622	1/26/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.029			0.0019	J		< 0.0057	U		< 0.0052	U	
VMP-30	10	VMP-30-10-050322	5/3/2022	< 0.0063	U		< 0.0052	U		< 0.0045	U		< 0.015	U		0.021			< 0.0087	U		< 0.0069	U		< 0.0063	U	
VMP-30	10	VMP-30-10-072722	7/27/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.017			0.0056	J		< 0.0058	U		< 0.0052	U	
VMP-30	18	VMP-30-18-102921	10/29/2021	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0060	J		0.0030	J		< 0.0057	U		< 0.0052	U	
VMP-30	18	VMP-30-18-012622	1/26/2022	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0060	J	J	0.0042	J		< 0.0055	U		< 0.0050	U	
VMP-30	18	VMP-30-18-012622-DUP	1/26/2022	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.012	U		0.16		J	0.0028	J		< 0.0054	U		< 0.0049	U	
VMP-30	18	VMP-30-18-050322	5/3/2022	< 0.0053	U		< 0.0044	U		0.0014	J		< 0.013	U		0.014			< 0.0074	U		< 0.0058	U		< 0.0053	U	
VMP-30	18	VMP-30-18-072722	7/27/2022	< 0.0052	U		< 0.0043	U		0.0018	J		< 0.012	U		0.0085	J		0.0037	J		< 0.0057	U		< 0.0052	U	
VMP-30	26	VMP-30-26-102921	10/29/2021	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		0.022			0.0072			< 0.0052	U		< 0.0048	U	
VMP-30	26	VMP-30-26-012622	1/26/2022	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.011	U		< 0.0095	U		0.0099			0.011			< 0.0048	U	
VMP-30	26	VMP-30-26-050322	5/3/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0092	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-30	26	VMP-30-26-072722	7/27/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.0048	J		< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-41	10	VMP-41-10-102921	10/29/2021	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.014	U		0.026			< 0.0080	U		< 0.0063	U		< 0.0058	U	
VMP-41	10	VMP-41-10-012622	1/26/2022	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.012	U		0.01			< 0.0067	U		0.13			< 0.0049	U	
VMP-41	10	VMP-41-10-042922	4/29/2022	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.012	U		0.02			< 0.0072	U		< 0.0057	U		< 0.0052	U	
VMP-41	10	VMP-41-10-042922-DUP	4/29/2022	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.012	U		0.0072	J		< 0.0070	U		< 0.0055	U		< 0.0051	U	
VMP-41	10	VMP-41-10-072722	7/27/2022	< 0.0054	U		< 0.0045	U		0.0017	J		< 0.013	U		0.0038	J		< 0.0075	U		0.0072			< 0.0054	U	
VMP-41	20	VMP-41-20-102921	10/29/2021	0.0054			< 0.0043	U		0.0036	J		< 0.012	U		0.025			< 0.0071	U		< 0.0056	U		0.0050	J	
VMP-41	20	VMP-41-20-042922	4/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.0095	J		< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-41	20	VMP-41-20-072722	7/27/2022	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0063	J		< 0.0075	U		< 0.0060	U		< 0.0054	U	
VMP-41	26	VMP-41-26-102921	10/29/2021	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.013	U		0.0079	J		< 0.0075	U		< 0.0059	U		< 0.0054	U	
VMP-41	26	VMP-41-26-012622	1/26/2022	< 0.0049	U		< 0.0041	U		0.0016	J		< 0.012	U		0.014			< 0.0068	U		< 0.0054	U		< 0.0049	U	
VMP-41	26	VMP-41-26-042922	4/29/2022	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.013	U		0.013			< 0.0073	U		< 0.0058	U		< 0.0053	U	
VMP-41	26	VMP-41-26-072722	7/27/2022	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.0061	U		< 0.0056	U	
VMP-55	20	VMP-55-20-102721	10/27/2021	< 1.8	U		< 1.5	U		30		J	1800		J	< 3.6	U		0.96	J	J	< 2	U		< 1.8	U	
VMP-55	20	VMP-55-20-012422	1/24/2022	< 1.4	U		< 1.2	U		29			1300			< 3.5	U		< 1.9	U		< 1.5	U		< 1.4	U	
VMP-55	20	VMP-55-20-050322	5/3/2022	< 2.5	U		< 2.1	U		110			2400			< 6.3	U		< 3.4	U		< 2.7	U		< 2.5	U	
VMP-55	20	VMP-55-20-072822	7/28/2022	< 0.15	U		< 0.13	U		< 0.11	U		9.6			0.22	J		< 0.21	U		< 0.16	U		< 0.15	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										580			790		
				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-10	5	VMP-10-5-102921	10/29/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-10	5	VMP-10-5-012622	1/26/2022	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-10	5	VMP-10-5-042922	4/29/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-10	5	VMP-10-5-072722	7/27/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-10	10	VMP-10-10-102921	10/29/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-10	10	VMP-10-10-012622	1/26/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-10	10	VMP-10-10-042922	4/29/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-10	10	VMP-10-10-072722	7/27/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-10	20	VMP-10-20-102921	10/29/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-10	20	VMP-10-20-102921-DUP	10/29/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-10	20	VMP-10-20-012622	1/26/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-10	20	VMP-10-20-042922	4/29/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-10	20	VMP-10-20-072722	7/27/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-10	30	VMP-10-30-012622	1/26/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-10	30	VMP-10-30-042922	4/29/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	
VMP-10	30	VMP-10-30-072722	7/27/2022	< 0.0054	J	U	< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-11	5	VMP-11-5-110121	11/1/2021	< 0.0048	U		< 0.0046	U		< 0.0042	U		< 0.0042	U	
VMP-11	5	VMP-11-5-011922	1/19/2022	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-11	5	VMP-11-5-050422	5/4/2022	< 0.0051	U		**0.097**			**0.022**			**0.0056**		
VMP-11	5	VMP-11-5-072822	7/28/2022	< 0.0058	U		**0.0052**	J		< 0.0051	U		< 0.0051	U	
VMP-11	8	VMP-11-8-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-11	8	VMP-11-8-011922	1/19/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-11	8	VMP-11-8-050422	5/4/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-11	8	VMP-11-8-072822	7/28/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-11	29	VMP-11-29-110121	11/1/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-11	29	VMP-11-29-110121-DUP	11/1/2021	< 0.0049	U		< 0.0046	U		< 0.0043	U		< 0.0043	U	
VMP-11	29	VMP-11-29-050422	5/4/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-11	29	VMP-11-29-072822	7/28/2022	< 0.0053	U		**0.0070**			< 0.0046	U		< 0.0046	U	
VMP-11	38	VMP-11-38-110121	11/1/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-11	38	VMP-11-38-050422	5/4/2022	< 0.0052	U		**0.016**			**0.0079**			**0.0032**	J	
VMP-11	38	VMP-11-38-072822	7/28/2022	< 0.0057	U		< 0.0054	U		< 0.0050	U		< 0.0050	U	
VMP-12	5	VMP-12-5-102621	10/26/2021	**0.0019**	J		**0.015**			**0.0081**			**0.0035**	J	
VMP-12	5	VMP-12-5-012522	1/25/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-12	5	VMP-12-5-012522-DUP	1/25/2022	< 0.0052	U		**0.0017**	J		< 0.0046	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050422	5/4/2022	< 0.0052	U		**0.0017**	J		< 0.0046	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050422-DUP	5/4/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-12	5	VMP-12-5-080122	8/1/2022	< 0.0056	U		< 0.0053	U		**0.0034**	J		**0.0016**	J	
VMP-12	5	VMP-12-5-080122-DUP	8/1/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-12	11.5	VMP-12-11.5-102621	10/26/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-012522	1/25/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-050422	5/4/2022	< 0.0053	U		**0.0019**	J		< 0.0046	U		< 0.0046	U	
VMP-12	11.5	VMP-12-11.5-080122	8/1/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-12	25	VMP-12-25-102621	10/26/2021	**1**	J		**270**			**4.7**		J	**1.1**	J	
VMP-12	25	VMP-12-25-012522	1/25/2022	**1.7**	J		**360**			**9.3**		J	**2.1**	J	
VMP-12	25	VMP-12-25-050422	5/4/2022	< 4.8	U		**220**			**4.6**		J	< 4.2	U	
VMP-12	25	VMP-12-25-080122	8/1/2022	**4.6**			**460**			**3.2**			< 2.4	U	
VMP-12	39	VMP-12-39-050422	5/4/2022	**4.2**	J		**2100**			**19**		J	**4.3**	J	
VMP-12	39	VMP-12-39-080122	8/1/2022	< 5.8	U		**1400**			< 5.1	U		< 5.1	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										580			790		
				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-13	5	VMP-13-5-102921	10/29/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-13	5	VMP-13-5-012622	1/26/2022	< 0.0046	U		0.0044			< 0.0040	U		< 0.0040	U	
VMP-13	5	VMP-13-5-042922	4/29/2022	< 0.0053	U		< 0.0050	U		0.0018	J		< 0.0046	U	
VMP-13	5	VMP-13-5-072722	7/27/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-13	10.5	VMP-13-10.5-102921	10/29/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-13	10.5	VMP-13-10.5-012622	1/26/2022	< 0.0052	U		0.0025	J		< 0.0046	U		< 0.0046	U	
VMP-13	10.5	VMP-13-10.5-042922	4/29/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-13	10.5	VMP-13-10.5-072722	7/27/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-102921	10/29/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-102921-DUP	10/29/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-13	21.5	VMP-13-21.5-012622	1/26/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-13	21.5	VMP-13-21.5-042922	4/29/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-13	21.5	VMP-13-21.5-072722	7/27/2022	0.0050	J		0.0055			0.0033	J		0.0023	J	
VMP-13	29.5	VMP-13-29.5-102921	10/29/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-13	29.5	VMP-13-29.5-012622	1/26/2022	< 0.0054	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-13	29.5	VMP-13-29.5-012622-DUP	1/26/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-13	29.5	VMP-13-29.5-050222	5/2/2022	< 0.0053	U		< 0.0051	U		< 0.0047	U		< 0.0047	U	
VMP-14	5	VMP-14-5-102921	10/29/2021	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-14	5	VMP-14-5-050322	5/3/2022	< 0.0056	U		0.012			0.0040	J		< 0.0049	U	
VMP-14	5	VMP-14-5-072722	7/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-102921	10/29/2021	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-14	11.5	VMP-14-11.5-050322	5/3/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-14	11.5	VMP-14-11.5-072722	7/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-072722-DUP	7/27/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-14	20	VMP-14-20-102921	10/29/2021	< 0.0051	U		0.0026	J		< 0.0045	U		< 0.0045	U	
VMP-14	20	VMP-14-20-012722	1/27/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-14	20	VMP-14-20-050322	5/3/2022	< 0.0055	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-14	20	VMP-14-20-050322-DUP	5/3/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-14	20	VMP-14-20-072722	7/27/2022	< 0.0056	U		0.0089			< 0.0049	U		< 0.0049	U	
VMP-14	29	VMP-14-29-102921	10/29/2021	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-14	29	VMP-14-29-012722	1/27/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-14	29	VMP-14-29-050322	5/3/2022	< 0.0062	U		< 0.0059	U		< 0.0055	U		< 0.0055	U	
VMP-14	29	VMP-14-29-072722	7/27/2022	< 0.0056	U		0.0019	J		< 0.0050	U		< 0.0050	U	
VMP-15	5	VMP-15-5-102721	10/27/2021	< 0.0051	U		0.011			0.0025	J		< 0.0045	U	
VMP-15	5	VMP-15-5-012422	1/24/2022	< 0.0056	U		0.0018	J		< 0.0049	U		< 0.0049	U	
VMP-15	5	VMP-15-5-050322	5/3/2022	< 0.0056	U		0.0020	J		< 0.0050	U		< 0.0050	U	
VMP-15	5	VMP-15-5-072822	7/28/2022	< 0.0053	U		0.0078			< 0.0047	U		< 0.0047	U	
VMP-15	21.5	VMP-15-21.5-102721	10/27/2021	< 0.0089	U		< 0.0084	U		< 0.0078	U		< 0.0078	U	
VMP-15	21.5	VMP-15-21.5-012422	1/24/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-15	21.5	VMP-15-21.5-050322	5/3/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-15	21.5	VMP-15-21.5-072822	7/28/2022	< 0.0056	U		0.0019	J		< 0.0049	U		< 0.0049	U	
VMP-15	21.5	VMP-15-21.5-072822-DUP	7/28/2022	< 0.0054	U		0.0019	J		< 0.0048	U		< 0.0048	U	
VMP-15	25.5	VMP-15-25.5-102721	10/27/2021	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-15	25.5	VMP-15-25.5-012422	1/24/2022	< 0.0058	U		0.0037	J		< 0.0051	U		< 0.0051	U	
VMP-15	25.5	VMP-15-25.5-050322	5/3/2022	< 0.0051	U		1.8			< 0.0045	U		< 0.0045	U	
VMP-15	25.5	VMP-15-25.5-072822	7/28/2022	< 0.0056	U		0.75			< 0.0049	U		< 0.0049	U	
VMP-15	29	VMP-15-29-050322	5/3/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	

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

Location	Depth	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
										580			790		
				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	VMP-16-5-102621	10/26/2021	< 0.0054	U		< 0.0052	U		0.0054			0.0019	J	
VMP-16	5	VMP-16-5-102621-DUP	10/26/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-16	5	VMP-16-5-012522	1/25/2022	< 0.053	U		14			< 0.046	U		< 0.046	U	
VMP-16	5	VMP-16-5-050422	5/4/2022	< 0.0051	U		0.0033	J		0.0042	J		< 0.0045	U	
VMP-16	5	VMP-16-5-080122	8/1/2022	< 0.0053	U		0.0019	J		< 0.0046	U		< 0.0046	U	
VMP-16	13.5	VMP-16-13.5-102621	10/26/2021	< 1.3	U		890			< 1.1	U		< 1.1	U	
VMP-16	13.5	VMP-16-13.5-012522	1/25/2022	< 1.2	U		550			< 1.1	U		< 1.1	U	
VMP-16	13.5	VMP-16-13.5-050422	5/4/2022	< 4	U		720			1.2	J	J	< 3.6	U	
VMP-16	13.5	VMP-16-13.5-080122	8/1/2022	< 2.8	U		2800			1.7	J		< 2.4	U	
VMP-16	19	VMP-16-19-102621	10/26/2021	< 2.5	U		1600			2.7		J	< 2.2	U	
VMP-16	19	VMP-16-19-012522	1/25/2022	< 1.3	U		1200			< 1.2	U		0.36	J	
VMP-16	19	VMP-16-19-050422	5/4/2022	< 10	U		1400			< 9.3	U		< 9.3	U	
VMP-16	19	VMP-16-19-080122	8/1/2022	< 3.7	U		2000			5			< 3.3	U	
VMP-16	31	VMP-16-31-102621	10/26/2021	11			4400			490		J	140		
VMP-16	31	VMP-16-31-012522	1/25/2022	3.3	J		3800			370		J	88		
VMP-16	31	VMP-16-31-050422	5/4/2022	16			5000			390		J	84		
VMP-16	31	VMP-16-31-080122	8/1/2022	11			4600			310			21		
VMP-17	5	VMP-17-5-102721	10/27/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-17	5	VMP-17-5-012422	1/24/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-17	5	VMP-17-5-042722	4/27/2022	< 0.0054	U		< 0.0051	U		< 0.0048	U		< 0.0048	U	
VMP-17	5	VMP-17-5-072522	7/25/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-25	5	VMP-25-5-102721	10/27/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-25	5	VMP-25-5-102721-DUP	10/27/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-25	5	VMP-25-5-012422	1/24/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-25	5	VMP-25-5-012422-DUP	1/24/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-25	5	VMP-25-5-050322	5/3/2022	< 5.3	U		160			< 4.7	U		< 4.7	U	
VMP-25	5	VMP-25-5-050322-DUP	5/3/2022	< 5.4	U		170			< 4.8	U		< 4.8	U	
VMP-25	5	VMP-25-5-062422-R	6/24/2022	< 0.18	U		32			< 0.16	U		< 0.16	U	
VMP-25	5	VMP-25-5-072722	7/27/2022	0.0073	J		6.4			< 0.018	U		< 0.018	U	
VMP-29	10	VMP-29-10-102921	10/29/2021	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-29	10	VMP-29-10-012622	1/26/2022	< 0.0052	U		0.0013	J		0.0021	J		< 0.0046	U	
VMP-29	10	VMP-29-10-050322	5/3/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-29	10	VMP-29-10-072722	7/27/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-29	18	VMP-29-18-102921	10/29/2021	< 0.0055	U		< 0.0052	U		< 0.0049	U		< 0.0049	U	
VMP-29	18	VMP-29-18-012622	1/26/2022	< 0.0050	U		0.016			< 0.0044	U		< 0.0044	U	
VMP-29	18	VMP-29-18-050322	5/3/2022	< 0.0054	U		0.0020	J		0.0061			0.0019	J	
VMP-29	18	VMP-29-18-072722	7/27/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-29	18	VMP-29-18-072722-DUP	7/27/2022	< 0.0056	U		< 0.0053	U		< 0.0050	U		< 0.0050	U	
VMP-29	26	VMP-29-26-102921	10/29/2021	< 0.0050	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-29	26	VMP-29-26-012622	1/26/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-29	26	VMP-29-26-050322	5/3/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-29	26	VMP-29-26-072722	7/27/2022	< 0.0051	U		< 0.0049	U		< 0.0045	U		< 0.0045	U	

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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			m,p-Xylene			o-Xylene		
										580			790		
				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-30	10	VMP-30-10-102921	10/29/2021	< 0.0049	U		< 0.0047	U		< 0.0043	U		< 0.0043	U	
VMP-30	10	VMP-30-10-012622	1/26/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-30	10	VMP-30-10-050322	5/3/2022	< 0.0063	U		< 0.0060	U		< 0.0056	U		< 0.0056	U	
VMP-30	10	VMP-30-10-072722	7/27/2022	< 0.0053	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-30	18	VMP-30-18-102921	10/29/2021	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-30	18	VMP-30-18-012622	1/26/2022	< 0.0050	U		< 0.0048	U		< 0.0044	U		< 0.0044	U	
VMP-30	18	VMP-30-18-012622-DUP	1/26/2022	< 0.0049	U		< 0.0047	U		< 0.0044	U		< 0.0044	U	
VMP-30	18	VMP-30-18-050322	5/3/2022	< 0.0053	U		**0.0062**			< 0.0047	U		< 0.0047	U	
VMP-30	18	VMP-30-18-072722	7/27/2022	< 0.0052	U		**0.0086**			< 0.0046	U		< 0.0046	U	
VMP-30	26	VMP-30-26-102921	10/29/2021	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-30	26	VMP-30-26-012622	1/26/2022	< 0.0048	U		< 0.0045	U		< 0.0042	U		< 0.0042	U	
VMP-30	26	VMP-30-26-050322	5/3/2022	< 0.0052	U		< 0.0050	U		< 0.0046	U		< 0.0046	U	
VMP-30	26	VMP-30-26-072722	7/27/2022	< 0.0052	U		**0.0034**	J		< 0.0046	U		< 0.0046	U	
VMP-41	10	VMP-41-10-102921	10/29/2021	< 0.0058	U		< 0.0055	U		< 0.0051	U		< 0.0051	U	
VMP-41	10	VMP-41-10-012622	1/26/2022	< 0.0049	U		< 0.0046	U		**0.0036**	J		**0.0015**	J	
VMP-41	10	VMP-41-10-042922	4/29/2022	< 0.0052	U		< 0.0049	U		< 0.0046	U		< 0.0046	U	
VMP-41	10	VMP-41-10-042922-DUP	4/29/2022	< 0.0051	U		< 0.0048	U		< 0.0045	U		< 0.0045	U	
VMP-41	10	VMP-41-10-072722	7/27/2022	< 0.0054	U		**0.0067**			< 0.0048	U		< 0.0048	U	
VMP-41	20	VMP-41-20-102921	10/29/2021	**0.0018**	J		**0.0069**			**0.0060**			**0.0024**	J	
VMP-41	20	VMP-41-20-042922	4/29/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-41	20	VMP-41-20-072722	7/27/2022	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-41	26	VMP-41-26-102921	10/29/2021	< 0.0054	U		< 0.0052	U		< 0.0048	U		< 0.0048	U	
VMP-41	26	VMP-41-26-012622	1/26/2022	< 0.0049	U		**0.0047**			< 0.0043	U		< 0.0043	U	
VMP-41	26	VMP-41-26-042922	4/29/2022	< 0.0053	U		< 0.0050	U		< 0.0047	U		< 0.0047	U	
VMP-41	26	VMP-41-26-072722	7/27/2022	< 0.0056	U		< 0.0053	U		< 0.0049	U		< 0.0049	U	
VMP-55	20	VMP-55-20-102721	10/27/2021	< 1.8	U		**380**		J	< 1.6	U		< 1.6	U	
VMP-55	20	VMP-55-20-012422	1/24/2022	< 1.4	U		**240**			< 1.2	U		< 1.2	U	
VMP-55	20	VMP-55-20-050322	5/3/2022	< 2.5	U		**420**			< 2.2	U		< 2.2	U	
VMP-55	20	VMP-55-20-072822	7/28/2022	< 0.15	U		**50**			**0.066**	J		**0.045**	J	

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

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 reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
In November 2020 a gasoline release was discovered at a pipeline owned and operated by Buckeye Partners LP.
In the vicinity of the release site, increased petroleum concentrations have been observed at VMP-12 and VMP-16, and groundwater monitoring well P-66, which are in the WRR.

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5	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**		
VMP-1	5	VMP-1-5-022222	2/22/2022	**0.12**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		**79**			**21**		
VMP-1	5	VMP-1-5-050222	5/2/2022	**0.055**			< 0.023	U		< 0.0023	U		< 0.0023	U		**3.0**			**0.00023**			**76**			**21**		
VMP-1	5	VMP-1-5-072822	7/28/2022	**0.64**			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		**79**			**20**		
VMP-1	8.5	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	8.5	VMP-1-8.5-012422	1/24/2022	**0.11**			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		**0.00023**			**79**			**21**		
VMP-1	8.5	VMP-1-8.5-050222	5/2/2022	**0.15**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.76**			**0.000096**	J		**78**			**21**		
VMP-1	8.5	VMP-1-8.5-072822	7/28/2022	**0.61**			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		**79**			**20**		
VMP-1	23.5	VMP-1-23.5-102621	10/26/2021	**0.40**			< 0.025	U		< 0.0025	U		< 0.0025	U		< 0.13	U		< 0.00025	U		**79**			**21**		
VMP-1	23.5	VMP-1-23.5-012422	1/24/2022	**0.11**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		**0.00033**			**79**			**21**		
VMP-1	23.5	VMP-1-23.5-012422-DUP	1/24/2022	**0.11**			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		**0.00034**			**79**			**21**		
VMP-1	23.5	VMP-1-23.5-050222	5/2/2022	**0.15**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.62**			**0.000084**	J		**78**			**21**		
VMP-1	23.5	VMP-1-23.5-072822	7/28/2022	**0.60**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**20**		
VMP-1	38.5	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-1	38.5	VMP-1-38.5-012422	1/24/2022	**0.11**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		**0.00017**	J		**79**			**21**		
VMP-1	38.5	VMP-1-38.5-050222	5/2/2022	**0.14**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.31**			**0.000067**	J		**78**			**21**		
VMP-1	38.5	VMP-1-38.5-072822	7/28/2022	**0.53**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.033**	J		< 0.00022	U		**79**			**20**		
VMP-2	5	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	5	VMP-2-5-012122	1/21/2022	**0.076**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		**0.00017**	J		**79**			**21**		
VMP-2	5	VMP-2-5-042822	4/28/2022	**0.15**			< 0.031	U		< 0.0031	U		< 0.0031	U		< 0.15	U		**0.00016**	J		**79**			**21**		
VMP-2	5	VMP-2-5-072922	7/29/2022	**0.40**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		**0.00010**	J		**80**			**20**		
VMP-2	8.5	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-2	8.5	VMP-2-8.5-012122	1/21/2022	**0.12**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		**79**			**21**		
VMP-2	8.5	VMP-2-8.5-042822	4/28/2022	**0.20**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.0080**	J		< 0.00020	U		**79**			**21**		
VMP-2	8.5	VMP-2-8.5-042822-DUP	4/28/2022	**0.20**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.0061**	J		**0.000083**	J		**79**			**21**		
VMP-2	8.5	VMP-2-8.5-072922	7/29/2022	**0.67**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.11**			**0.00015**	J		**79**			**20**		
VMP-2	22	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-2	22	VMP-2-22-012122	1/21/2022	**0.29**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.0028**	J		< 0.00021	U		**80**			**20**		
VMP-2	22	VMP-2-22-042822	4/28/2022	**0.32**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**21**		
VMP-2	22	VMP-2-22-072922	7/29/2022	**1.0**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.21**			**0.00012**	J		**79**			**20**		
VMP-3	5	VMP-3-5-102721	10/27/2021	**0.31**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.016**	J		**0.00020**	J		**80**			**20**		
VMP-3	5	VMP-3-5-012522	1/25/2022	**0.084**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.14**			**0.00021**			**79**			**21**		
VMP-3	5	VMP-3-5-050422	5/4/2022	**0.47**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		**80**			**20**		
VMP-3	5	VMP-3-5-072922	7/29/2022	**0.25**			< 0.023	U		< 0.0023	U		< 0.0023	U		**0.49**			**0.00021**	J		**78**			**21**		
VMP-3	10	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**		
VMP-3	10	VMP-3-10-050422	5/4/2022	**0.50**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.81**			**0.00021**			**78**			**20**		
VMP-3	10	VMP-3-10-050422-DUP	5/4/2022	**0.46**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.72**			**0.000095**	J		**79**			**20**		
VMP-3	10	VMP-3-10-072922	7/29/2022	**1.4**			< 0.023	U		< 0.0023	U		< 0.0023	U		**0.024**	J		< 0.00023	U		**79**			**20**		
VMP-3	10	VMP-3-10-072922-DUP	7/29/2022	**1.4**			< 0.024	U		< 0.0024	U		< 0.0024	U		**0.028**	J		< 0.00024	U		**79**			**20**		
VMP-3	22	VMP-3-22-102721	10/27/2021	**2.0**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**19**		
VMP-3	22	VMP-3-22-012522	1/25/2022	**1.0**			< 0.019	U		< 0.0019	U		< 0.0019	U		**0.038**	J		< 0.00019	U		**79**			**20**		
VMP-3	22	VMP-3-22-050422	5/4/2022	**0.64**			< 0.025	U		< 0.0025	U		< 0.0025	U		< 0.12	U		**0.000095**	J		**78**			**21**		
VMP-3	22	VMP-3-22-072922	7/29/2022	**1.8**			< 0.023	U		< 0.0023	U		< 0.0023	U		**0.0089**	J		< 0.00023	U		**78**			**20**		
VMP-3	31.5	VMP-3-31.5-102721	10/27/2021	**9.6**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		**0.00032**			**82**			**8.5**		
VMP-3	31.5	VMP-3-31.5-012522	1/25/2022	**4.2**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**79**			**17**		
VMP-3	31.5	VMP-3-31.5-012522-DUP	1/25/2022	**4.1**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**79**			**17**		
VMP-3	31.5	VMP-3-31.5-050422	5/4/2022	**1.3**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.030**	J		**0.000094**	J		**79**			**20**		
VMP-3	31.5	VMP-3-31.5-072922	7/29/2022	**3.0**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.11**	J		< 0.00022	U		**80**			**17**		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-4	5	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		
VMP-4	5	VMP-4-5-011922	1/19/2022	0.12			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-4	5	VMP-4-5-042722	4/27/2022	0.46			< 0.021	U		< 0.0021	U		< 0.0021	U		0.026	J		< 0.00021	U		80			20		
VMP-4	5	VMP-4-5-072822	7/28/2022	0.94			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0058	J		< 0.00022	U		80			19		
VMP-4	12	VMP-4-12-102521	10/25/2021	3.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00020	J		79			18		
VMP-4	12	VMP-4-12-011922	1/19/2022	1.3			< 0.020	U		< 0.0020	U		< 0.0020	U		0.016	J		< 0.00020	U		79			20		
VMP-4	12	VMP-4-12-042722	4/27/2022	1.0			< 0.023	U		< 0.0023	U		< 0.0023	U		0.013	J		< 0.00023	U		79			20		
VMP-4	12	VMP-4-12-072822	7/28/2022	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0060	J		< 0.00022	U		78			19		
VMP-4	23.5	VMP-4-23.5-102521	10/25/2021	3.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			16		
VMP-4	23.5	VMP-4-23.5-011922	1/19/2022	3.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			18		
VMP-4	23.5	VMP-4-23.5-042722	4/27/2022	1.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-4	23.5	VMP-4-23.5-072822	7/28/2022	1.8			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		80			18		
VMP-5	5	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		
VMP-5	5	VMP-5-5-011922	1/19/2022	0.061			< 0.022	U		< 0.0022	U		< 0.0022	U		0.016	J		0.00014	J		79			21		
VMP-5	5	VMP-5-5-042822	4/28/2022	0.15			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00012	J		79			21		
VMP-5	5	VMP-5-5-072522	7/25/2022	0.76			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0098	J		0.00011	J		79			20		
VMP-5	12.5	VMP-5-12.5-102521	10/25/2021	2.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			19		
VMP-5	12.5	VMP-5-12.5-102521-DUP	10/25/2021	2.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			19		
VMP-5	12.5	VMP-5-12.5-011922	1/19/2022	0.44			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0043	J		< 0.00021	U		78			21		
VMP-5	12.5	VMP-5-12.5-042822	4/28/2022	0.48			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0090	J		< 0.00021	U		80			20		
VMP-5	12.5	VMP-5-12.5-072522	7/25/2022	1.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.11			< 0.00022	U		79			19		
VMP-5	12.5	VMP-5-12.5-072522-DUP	7/25/2022	1.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.12			< 0.00022	U		79			19		
VMP-5	31	VMP-5-31-102521	10/25/2021	2.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.080	J		< 0.00021	U		79			19		
VMP-5	31	VMP-5-31-042822	4/28/2022	1.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00017	J		80			19		
VMP-5	31	VMP-5-31-072522	7/25/2022	1.9			< 0.023	U		< 0.0023	U		< 0.0023	U		0.56			< 0.00023	U		79			19		
VMP-5	40	VMP-5-40-011922	1/19/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.014	J		0.00018	J		78			20		
VMP-5	40	VMP-5-40-042822	4/28/2022	1.6			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0054	J		0.00019	J		79			19		
VMP-5	40	VMP-5-40-072522	7/25/2022	2.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.027	J		< 0.00021	U		80			18		
VMP-6	5	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		
VMP-6	5	VMP-6-5-012522	1/25/2022	0.26			< 0.021	U		< 0.0021	U		< 0.0021	U		0.064	J		0.00021			79			21		
VMP-6	5	VMP-6-5-042822	4/28/2022	0.83			< 0.021	U		< 0.0021	U		< 0.0021	U		0.014	J		0.00013	J		79			20		
VMP-6	5	VMP-6-5-072622	7/26/2022	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.057	J		0.000058	J		81			17		
VMP-6	10	VMP-6-10-102521	10/25/2021	2.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.22			0.000099	J		80			18		
VMP-6	10	VMP-6-10-012522	1/25/2022	1.3			< 0.019	U		< 0.0019	U		< 0.0019	U		0.069	J		< 0.00019	U		79			20		
VMP-6	10	VMP-6-10-042822	4/28/2022	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.080	J		0.00013	J		79			20		
VMP-6	10	VMP-6-10-042822-DUP	4/28/2022	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.081	J		0.00014	J		79			20		
VMP-6	10	VMP-6-10-072622	7/26/2022	4.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.039	J		< 0.00022	U		80			16		
VMP-6	31.5	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		
VMP-6	31.5	VMP-6-31.5-012522	1/25/2022	4.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			17		
VMP-6	31.5	VMP-6-31.5-042822	4/28/2022	3.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			17		
VMP-6	31.5	VMP-6-31.5-072622	7/26/2022	4.4			< 0.023	U		< 0.0023	U		< 0.0023	U		0.027	J		< 0.00023	U		79			17		
VMP-6	39	VMP-6-39-102521	10/25/2021	5.3			< 0.020	U		< 0.0020	U		< 0.0020	U		0.018	J		0.0011			80			15		
VMP-6	39	VMP-6-39-012522	1/25/2022	5.3			< 0.018	U		0.00028	J		< 0.0018	U		< 0.092	U		2.1			77			15		
VMP-6	39	VMP-6-39-042822	4/28/2022	4.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			17		
VMP-6	39	VMP-6-39-072622	7/26/2022	4.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.18			79			16		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-7	5	VMP-7-5-102721	10/27/2021	1.4			< 0.020	U		< 0.0020	U		< 0.0020	U		0.016	J		0.000088	J		79			20		
VMP-7	5	VMP-7-5-012422	1/24/2022	0.78			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0054	J		0.00012	J		79			20		
VMP-7	5	VMP-7-5-050222	5/2/2022	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.38			< 0.00021	U		79			20		
VMP-7	5	VMP-7-5-072522	7/25/2022	3.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00024			80			17		
VMP-7	13.5	VMP-7-13.5-102721	10/27/2021	2.1			< 0.020	U		< 0.0020	U		< 0.0020	U		0.017	J		< 0.00020	U		79			19		
VMP-7	13.5	VMP-7-13.5-012422	1/24/2022	1.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-7	13.5	VMP-7-13.5-050222	5/2/2022	1.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.027	J		< 0.00022	U		80			19		
VMP-7	13.5	VMP-7-13.5-072522	7/25/2022	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			18		
VMP-7	13.5	VMP-7-13.5-072522-DUP	7/25/2022	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			17		
VMP-7	29.5	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	VMP-7-29.5-102721-DUP	10/27/2021	3.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		80			17		
VMP-7	29.5	VMP-7-29.5-012422	1/24/2022	3.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.011	J		< 0.00022	U		79			18		
VMP-7	29.5	VMP-7-29.5-012422-DUP	1/24/2022	3.1			< 0.025	U		< 0.0025	U		< 0.0025	U		< 0.12	U		< 0.00025	U		79			18		
VMP-7	29.5	VMP-7-29.5-050222	5/2/2022	2.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0071	J		< 0.00021	U		79			18		
VMP-7	29.5	VMP-7-29.5-050222-DUP	5/2/2022	2.7			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0067	J		< 0.00020	U		79			18		
VMP-7	29.5	VMP-7-29.5-072522	7/25/2022	3.2			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		80			17		
VMP-7	38	VMP-7-38-050222	5/2/2022	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			18		
VMP-7	38	VMP-7-38-072522	7/25/2022	3.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			17		
VMP-8	5	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		
VMP-8	5	VMP-8-5-011922	1/19/2022	0.45			< 0.021	U		< 0.0021	U		< 0.0021	U		0.077	J		< 0.00021	U		80			20		
VMP-8	5	VMP-8-5-042722	4/27/2022	1.6			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			18		
VMP-8	5	VMP-8-5-072222	7/22/2022	4.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0049	J		< 0.00022	U		78			17		
VMP-8	9.5	VMP-8-9.5-011922	1/19/2022	1.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.13			< 0.00022	U		80			19		
VMP-8	9.5	VMP-8-9.5-042722	4/27/2022	2.4			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			18		
VMP-8	9.5	VMP-8-9.5-042722-DUP	4/27/2022	2.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0066	J		< 0.00022	U		80			18		
VMP-8	9.5	VMP-8-9.5-072222	7/22/2022	3.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0093	J		< 0.00022	U		79			17		
VMP-8	23.5	VMP-8-23.5-011922	1/19/2022	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.086	J		< 0.00022	U		79			18		
VMP-8	23.5	VMP-8-23.5-042722	4/27/2022	3.0			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		80			17		
VMP-8	23.5	VMP-8-23.5-072222	7/22/2022	3.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.014	J		< 0.00021	U		81			16		
VMP-8	23.5	VMP-8-23.5-072222-DUP	7/22/2022	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.020	J		< 0.00022	U		81			16		
VMP-8	35.5	VMP-8-35.5-011922	1/19/2022	0.37			< 0.021	U		< 0.0021	U		< 0.0021	U		0.12			0.00016	J		80			20		
VMP-8	35.5	VMP-8-35.5-042722	4/27/2022	1.7			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.000093	J		83			15		
VMP-8	35.5	VMP-8-35.5-072222	7/22/2022	3.0			< 0.023	U		< 0.0023	U		< 0.0023	U		0.20			0.00013	J		79			18		
VMP-9	5	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		
VMP-9	5	VMP-9-5-011922	1/19/2022	0.15			< 0.022	U		< 0.0022	U		< 0.0022	U		0.13			0.00015	J		79			21		
VMP-9	5	VMP-9-5-042722	4/27/2022	0.84			< 0.033	U		< 0.0033	U		< 0.0033	U		0.032	J		< 0.00033	U		80			19		
VMP-9	5	VMP-9-5-072222	7/22/2022	3.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000097	J		79			18		
VMP-9	11.5	VMP-9-11.5-102221	10/22/2021	1.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-9	11.5	VMP-9-11.5-011922	1/19/2022	0.40			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0076	J		< 0.00020	U		80			20		
VMP-9	11.5	VMP-9-11.5-042722	4/27/2022	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-9	11.5	VMP-9-11.5-072222	7/22/2022	3.1			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			17		
VMP-9	25.5	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		
VMP-9	25.5	VMP-9-25.5-011922	1/19/2022	2.0			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			19		
VMP-9	25.5	VMP-9-25.5-042722	4/27/2022	1.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			19		
VMP-9	25.5	VMP-9-25.5-042722-DUP	4/27/2022	1.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			19		
VMP-9	25.5	VMP-9-25.5-072222	7/22/2022	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			18		
VMP-9	25.5	VMP-9-25.5-072222-DUP	7/22/2022	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		80			18		
VMP-9	38.5	VMP-9-38.5-102221	10/22/2021	2.7			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			18		
VMP-9	38.5	VMP-9-38.5-011922	1/19/2022	2.6			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		78			19		
VMP-9	38.5	VMP-9-38.5-011922-DUP	1/19/2022	2.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			19		
VMP-9	38.5	VMP-9-38.5-042722	4/27/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0056	J		< 0.00022	U		79			19		
VMP-9	38.5	VMP-9-38.5-072222	7/22/2022	1.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0091	J		< 0.00022	U		80			18		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-10	5	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		
VMP-10	5	VMP-10-5-012622	1/26/2022	0.097			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		79			21		
VMP-10	5	VMP-10-5-042922	4/29/2022	0.69			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0042	J		< 0.00021	U		78			21		
VMP-10	5	VMP-10-5-072722	7/27/2022	0.96			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-10	10	VMP-10-10-102921	10/29/2021	0.27			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0026	J		0.00013	J		79			21		
VMP-10	10	VMP-10-10-012622	1/26/2022	0.11			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			21		
VMP-10	10	VMP-10-10-042922	4/29/2022	0.36			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-10	10	VMP-10-10-072722	7/27/2022	1.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00019	J		79			20		
VMP-10	20	VMP-10-20-102921	10/29/2021	0.44			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			21		
VMP-10	20	VMP-10-20-102921-DUP	10/29/2021	0.44			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			21		
VMP-10	20	VMP-10-20-012622	1/26/2022	0.21			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-10	20	VMP-10-20-042922	4/29/2022	0.24			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-10	20	VMP-10-20-072722	7/27/2022	0.87			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-10	30	VMP-10-30-012622	1/26/2022	0.56			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0050	J		< 0.00021	U		78			21		
VMP-10	30	VMP-10-30-042922	4/29/2022	0.42			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			21		
VMP-10	30	VMP-10-30-072722	7/27/2022	0.76			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-11	5	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		
VMP-11	5	VMP-11-5-011922	1/19/2022	0.045			< 0.022	U		< 0.0022	U		< 0.0022	U		0.52			0.00018	J		79			21		
VMP-11	5	VMP-11-5-050422	5/4/2022	0.36			< 0.021	U		< 0.0021	U		< 0.0021	U		1.8			0.00016	J		78			20		
VMP-11	5	VMP-11-5-072822	7/28/2022	1.5			< 0.024	U		< 0.0024	U		< 0.0024	U		3.4			0.00023	J		79			16		
VMP-11	8	VMP-11-8-110121	11/1/2021	0.080			< 0.021	U		< 0.0021	U		< 0.0021	U		0.022	J		0.00021			79			21		
VMP-11	8	VMP-11-8-011922	1/19/2022	0.072			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			20		
VMP-11	8	VMP-11-8-050422	5/4/2022	0.84			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0040	J		< 0.00021	U		79			20		
VMP-11	8	VMP-11-8-072822	7/28/2022	2.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0037	J		< 0.00022	U		82			16		
VMP-11	29	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		
VMP-11	29	VMP-11-29-110121-DUP	11/1/2021	0.22			< 0.020	U		< 0.0020	U		< 0.0020	U		0.023	J		0.00010	J		79			21		
VMP-11	29	VMP-11-29-050422	5/4/2022	0.66			< 0.021	U		< 0.0021	U		< 0.0021	U		0.11			< 0.00021	U		79			20		
VMP-11	29	VMP-11-29-072822	7/28/2022	1.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.027	J		< 0.00022	U		81			18		
VMP-11	38	VMP-11-38-110121	11/1/2021	0.057			< 0.020	U		< 0.0020	U		< 0.0020	U		0.088	J		0.00015	J		79			21		
VMP-11	38	VMP-11-38-050422	5/4/2022	0.64			< 0.021	U		< 0.0021	U		< 0.0021	U		0.082	J		< 0.00021	U		79			20		
VMP-11	38	VMP-11-38-072822	7/28/2022	2.2			< 0.023	U		< 0.0023	U		< 0.0023	U		0.078	J		0.000094	J		82			16		
VMP-12	5	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		
VMP-12	5	VMP-12-5-012522	1/25/2022	0.091			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0041	J		0.00034			80			20		
VMP-12	5	VMP-12-5-012522-DUP	1/25/2022	0.090			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0025	J		0.00032			80			20		
VMP-12	5	VMP-12-5-050422	5/4/2022	0.15			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0056	J		0.00013	J		80			20		
VMP-12	5	VMP-12-5-050422-DUP	5/4/2022	0.16			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00013	J		80			20		
VMP-12	5	VMP-12-5-080122	8/1/2022	0.19			< 0.023	U		< 0.0023	U		< 0.0023	U		0.010	J		0.000079	J		80			20		
VMP-12	5	VMP-12-5-080122-DUP	8/1/2022	0.20			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0040	J		0.000076	J		80			20		
VMP-12	11.5	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		
VMP-12	11.5	VMP-12-11.5-012522	1/25/2022	0.42			< 0.021	U		< 0.0021	U		< 0.0021	U		0.026	J		0.00054			80			20		
VMP-12	11.5	VMP-12-11.5-050422	5/4/2022	2.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		81			17		
VMP-12	11.5	VMP-12-11.5-080122	8/1/2022	3.3			< 0.023	U		< 0.0023	U		< 0.0023	U		0.025	J		< 0.00023	U		83			14		
VMP-12	25	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		
VMP-12	25	VMP-12-25-012522	1/25/2022	14			< 0.020	U		0.00080	J		< 0.0020	U		< 0.099	U		12			72			1.2		
VMP-12	25	VMP-12-25-050422	5/4/2022	10			< 0.020	U		0.00030	J		< 0.0020	U		0.0066	J		7.8			78			4.2		
VMP-12	25	VMP-12-25-080122	8/1/2022	13			< 0.023	U		0.00031	J		< 0.0023	U		0.0049	J		11			75			1.4		
VMP-12	39	VMP-12-39-050422	5/4/2022	13			< 0.021	U		0.0013	J		< 0.0021	U		< 0.11	U		26			58			1.2		
VMP-12	39	VMP-12-39-080122	8/1/2022	13			< 0.023	U		0.00095	J		< 0.0023	U		0.0060	J		30			55			1.1		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-13	5	VMP-13-5-102921	10/29/2021	0.25			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-13	5	VMP-13-5-012622	1/26/2022	0.11			< 0.019	U		< 0.0019	U		< 0.0019	U		0.24			< 0.00019	U		79			21		
VMP-13	5	VMP-13-5-042922	4/29/2022	0.16			< 0.021	U		< 0.0021	U		< 0.0021	U		0.017	J		< 0.00021	U		79			21		
VMP-13	5	VMP-13-5-072722	7/27/2022	0.85			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0051	J		< 0.00022	U		80			19		
VMP-13	10.5	VMP-13-10.5-102921	10/29/2021	0.34			< 0.020	U		< 0.0020	U		< 0.0020	U		0.011	J		< 0.00020	U		79			21		
VMP-13	10.5	VMP-13-10.5-012622	1/26/2022	0.16			< 0.021	U		< 0.0021	U		< 0.0021	U		0.011	J		< 0.00021	U		79			21		
VMP-13	10.5	VMP-13-10.5-042922	4/29/2022	0.11			< 0.021	U		< 0.0021	U		< 0.0021	U		1.8			< 0.00021	U		78			20		
VMP-13	10.5	VMP-13-10.5-072722	7/27/2022	0.37			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0041	J		< 0.00021	U		80			20		
VMP-13	21.5	VMP-13-21.5-102921	10/29/2021	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-13	21.5	VMP-13-21.5-102921-DUP	10/29/2021	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-13	21.5	VMP-13-21.5-012622	1/26/2022	0.57			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-13	21.5	VMP-13-21.5-042922	4/29/2022	0.35			< 0.021	U		< 0.0021	U		< 0.0021	U		0.012	J		< 0.00021	U		79			21		
VMP-13	21.5	VMP-13-21.5-072722	7/27/2022	0.26			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			20		
VMP-13	29.5	VMP-13-29.5-102921	10/29/2021	0.30			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0047	J		< 0.00020	U		80			20		
VMP-13	29.5	VMP-13-29.5-012622	1/26/2022	0.13			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0052	J		< 0.00022	U		79			21		
VMP-13	29.5	VMP-13-29.5-012622-DUP	1/26/2022	0.13			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-13	29.5	VMP-13-29.5-050222	5/2/2022	0.11			< 0.022	U		< 0.0022	U		< 0.0022	U		0.013	J		< 0.00022	U		79			21		
VMP-14	5	VMP-14-5-102921	10/29/2021	0.28			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0060	J		0.00013	J		80			20		
VMP-14	5	VMP-14-5-050322	5/3/2022	0.52			< 0.022	U		< 0.0022	U		< 0.0022	U		0.019	J		< 0.00022	U		79			20		
VMP-14	5	VMP-14-5-072722	7/27/2022	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		0.000095	J		81			18		
VMP-14	11.5	VMP-14-11.5-102921	10/29/2021	0.27			< 0.020	U		< 0.0020	U		< 0.0020	U		0.22			0.00011	J		79			21		
VMP-14	11.5	VMP-14-11.5-050322	5/3/2022	0.53			< 0.022	U		< 0.0022	U		< 0.0022	U		0.21			< 0.00022	U		78			21		
VMP-14	11.5	VMP-14-11.5-072722	7/27/2022	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.36			0.00011	J		80			18		
VMP-14	11.5	VMP-14-11.5-072722-DUP	7/27/2022	1.4			< 0.020	U		< 0.0020	U		< 0.0020	U		0.36			0.00014	J		79			19		
VMP-14	20	VMP-14-20-102921	10/29/2021	8.7			< 0.021	U		< 0.0021	U		< 0.0021	U		0.021	J		0.00020	J		79			12		
VMP-14	20	VMP-14-20-012722	1/27/2022	7.9			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00020	J		81			11		
VMP-14	20	VMP-14-20-050322	5/3/2022	6.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.029	J		0.00012	J		81			13		
VMP-14	20	VMP-14-20-050322-DUP	5/3/2022	6.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.022	J		0.00011	J		81			13		
VMP-14	20	VMP-14-20-072722	7/27/2022	7.8			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.00016	J		81			11		
VMP-14	29	VMP-14-29-102921	10/29/2021	6.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.0015			79			15		
VMP-14	29	VMP-14-29-012722	1/27/2022	5.8			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		79			15		
VMP-14	29	VMP-14-29-050322	5/3/2022	4.5			< 0.025	U		< 0.0025	U		< 0.0025	U		< 0.13	U		< 0.00025	U		80			16		
VMP-14	29	VMP-14-29-072722	7/27/2022	4.8			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.000057	J		81			14		
VMP-15	5	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		
VMP-15	5	VMP-15-5-012422	1/24/2022	3.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		82			15		
VMP-15	5	VMP-15-5-050322	5/3/2022	3.8			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0069	J		< 0.00023	U		82			14		
VMP-15	5	VMP-15-5-072822	7/28/2022	4.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000087	J		88			8.0		
VMP-15	21.5	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		
VMP-15	21.5	VMP-15-21.5-012422	1/24/2022	14			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		82			3.9		
VMP-15	21.5	VMP-15-21.5-050322	5/3/2022	13			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0058	J		< 0.00021	U		85			2.4		
VMP-15	21.5	VMP-15-21.5-072822	7/28/2022	13			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.010			85			1.8		
VMP-15	21.5	VMP-15-21.5-072822-DUP	7/28/2022	13			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.010			85			1.6		
VMP-15	25.5	VMP-15-25.5-102721	10/27/2021	16			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			2.7		
VMP-15	25.5	VMP-15-25.5-012422	1/24/2022	16			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		0.00020	J		82			1.8		
VMP-15	25.5	VMP-15-25.5-050322	5/3/2022	16			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.062			82			1.7		
VMP-15	25.5	VMP-15-25.5-072822	7/28/2022	16			< 0.030	U		< 0.0030	U		< 0.0030	U		< 0.15	U		0.28			82			1.5		
VMP-15	29	VMP-15-29-050322	5/3/2022	16			< 0.021	U		< 0.0021	U		< 0.0021	U		0.024	J		0.0019			82			1.5		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-16	5	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	VMP-16-5-102621-DUP	10/26/2021	5.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		80			15		
VMP-16	5	VMP-16-5-012522	1/25/2022	1.6			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0055	J		< 0.00022	U		79			19		
VMP-16	5	VMP-16-5-050422	5/4/2022	3.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0091	J		< 0.00021	U		80			17		
VMP-16	5	VMP-16-5-080122	8/1/2022	16			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		80			4.4		
VMP-16	13.5	VMP-16-13.5-102621	10/26/2021	18			< 0.021	U		0.00022	J		< 0.0021	U		< 0.10	U		2.3			78			1.5		
VMP-16	13.5	VMP-16-13.5-012522	1/25/2022	13			< 0.020	U		0.00010	J		< 0.0020	U		< 0.099	U		1.4			81			4.2		
VMP-16	13.5	VMP-16-13.5-050422	5/4/2022	15			< 0.020	U		0.00026	J		< 0.0020	U		< 0.10	U		5.4			78			1.4		
VMP-16	13.5	VMP-16-13.5-080122	8/1/2022	16			< 0.023	U		0.00052	J		< 0.0023	U		< 0.11	U		22			60			1.5		
VMP-16	19	VMP-16-19-102621	10/26/2021	18			< 0.020	U		0.0012	J		< 0.0020	U		0.0063	J		11			69			1.2		
VMP-16	19	VMP-16-19-012522	1/25/2022	17			< 0.022	U		0.00074	J		< 0.0022	U		0.012	J		13			68			1.4		
VMP-16	19	VMP-16-19-050422	5/4/2022	16			< 0.022	U		0.00065	J		< 0.0022	U		< 0.11	U		20			62			1.2		
VMP-16	19	VMP-16-19-080122	8/1/2022	16			< 0.023	U		0.00060	J		< 0.0023	U		< 0.11	U		25			58			1.2		
VMP-16	31	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-16	31	VMP-16-31-012522	1/25/2022	18			< 0.021	U		0.0013	J		< 0.0021	U		0.0050	J		17			62			1.1		
VMP-16	31	VMP-16-31-050422	5/4/2022	16			< 0.022	U		0.00071	J		< 0.0022	U		0.0052	J		24			58			1.2		
VMP-16	31	VMP-16-31-080122	8/1/2022	16			< 0.022	U		0.00057	J		< 0.0022	U		< 0.11	U		28			53			1.2		
VMP-17	5	VMP-17-5-102721	10/27/2021	0.069			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00015	J		80			20		
VMP-17	5	VMP-17-5-012422	1/24/2022	0.058			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			21		
VMP-17	5	VMP-17-5-042722	4/27/2022	0.67			< 0.022	U		< 0.0022	U		< 0.0022	U		0.020	J		< 0.00022	U		79			20		
VMP-17	5	VMP-17-5-072522	7/25/2022	1.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		78			20		
VMP-18	8.5	VMP-18-8.5-110221	11/2/2021	0.28			< 0.020	U		< 0.0020	U		< 0.0020	U		0.032	J		0.000086	J		79			21		
VMP-18	8.5	VMP-18-8.5-012022	1/20/2022	0.12			< 0.023	U		< 0.0023	U		< 0.0023	U		0.022	J		< 0.00023	U		79			21		
VMP-18	8.5	VMP-18-8.5-042722	4/27/2022	0.40			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0086	J		< 0.00023	U		80			20		
VMP-18	8.5	VMP-18-8.5-072222	7/22/2022	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.011	J		< 0.00022	U		81			17		
VMP-19	5	VMP-19-5-102621	10/26/2021	0.090			< 0.023	U		< 0.0023	U		< 0.0023	U		0.55			0.00026			80			20		
VMP-19	5	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-19	5	VMP-19-5-012022	1/20/2022	0.058			< 0.021	U		< 0.0021	U		< 0.0021	U		0.17			0.0016			79			21		
VMP-19	5	VMP-19-5-050222	5/2/2022	0.33			< 0.023	U		< 0.0023	U		< 0.0023	U		0.018	J		< 0.00023	U		80			20		
VMP-19	5	VMP-19-5-050222-DUP	5/2/2022	0.32			< 0.022	U		< 0.0022	U		< 0.0022	U		0.016	J		< 0.00022	U		80			20		
VMP-19	5	VMP-19-5-072222	7/22/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.014	J		< 0.00022	U		79			19		
VMP-20	5	VMP-20-5-110121	11/1/2021	3.6			< 0.021	U		< 0.0021	U		< 0.0021	U		0.020	J		< 0.00021	U		78			18		
VMP-20	5	VMP-20-5-012522	1/25/2022	1.1			< 0.023	U		< 0.0023	U		< 0.0023	U		0.035	J		< 0.00023	U		79			20		
VMP-20	5	VMP-20-5-042922	4/29/2022	2.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0095	J		< 0.00022	U		78			19		
VMP-20	5	VMP-20-5-080122	8/1/2022	8.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0069	J		< 0.00022	U		80			12		
VMP-20	10	VMP-20-10-110121	11/1/2021	6.4			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0043	J		< 0.00020	U		78			16		
VMP-20	10	VMP-20-10-012522	1/25/2022	2.1			< 0.019	U		< 0.0019	U		< 0.0019	U		5.2			< 0.00019	U		80			18		
VMP-20	10	VMP-20-10-042922	4/29/2022	3.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			17		
VMP-20	10	VMP-20-10-080122	8/1/2022	9.9			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			11		
VMP-20	25	VMP-20-25-110121	11/1/2021	6.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			16		
VMP-20	25	VMP-20-25-012522	1/25/2022	3.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0050	J		< 0.00022	U		78			18		
VMP-20	25	VMP-20-25-042922	4/29/2022	2.3			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		< 0.00019	U		79			19		
VMP-20	25	VMP-20-25-080122	8/1/2022	4.1			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		79			17		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-21	5	VMP-21-5-102521	10/25/2021	6.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			15		
VMP-21	5	VMP-21-5-012122	1/21/2022	1.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			20		
VMP-21	5	VMP-21-5-042922	4/29/2022	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		80			18		
VMP-21	5	VMP-21-5-072922	7/29/2022	5.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.54			< 0.00021	U		80			14		
VMP-21	10	VMP-21-10-102521	10/25/2021	7.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			13		
VMP-21	10	VMP-21-10-012122	1/21/2022	4.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			17		
VMP-21	10	VMP-21-10-042922	4/29/2022	3.7			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		78			18		
VMP-21	10	VMP-21-10-072922	7/29/2022	5.7			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			15		
VMP-21	25	VMP-21-25-102521	10/25/2021	3.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			15		
VMP-21	25	VMP-21-25-012122	1/21/2022	4.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			16		
VMP-21	25	VMP-21-25-012122-DUP	1/21/2022	4.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			16		
VMP-21	25	VMP-21-25-042922	4/29/2022	3.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			17		
VMP-21	25	VMP-21-25-072922	7/29/2022	3.8			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		79			17		
VMP-21	33	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	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-21	33	VMP-21-33-012122	1/21/2022	4.4			< 0.019	U		< 0.0019	U		< 0.0019	U		0.024	J		< 0.00019	U		80			16		
VMP-21	33	VMP-21-33-042922	4/29/2022	4.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.10	J		< 0.00022	U		79			17		
VMP-21	33	VMP-21-33-072922	7/29/2022	3.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0097	J		< 0.00022	U		79			17		
VMP-22	5	VMP-22-5-110121	11/1/2021	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0064	J		< 0.00020	U		79			20		
VMP-22	5	VMP-22-5-012722	1/27/2022	0.30			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0072	J		< 0.00022	U		79			21		
VMP-22	5	VMP-22-5-072622	7/26/2022	0.86			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0042	J		0.000059	J		80			19		
VMP-22	10	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	10	VMP-22-10-012722	1/27/2022	0.19			< 0.021	U		< 0.0021	U		< 0.0021	U		0.055	J		0.00016	J		79			21		
VMP-22	10	VMP-22-10-050522	5/5/2022	3.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			17		
VMP-22	10	VMP-22-10-072622	7/26/2022	0.33			< 0.020	U		< 0.0020	U		< 0.0020	U		0.032	J		0.00025			83			17		
VMP-22	18	VMP-22-18-012722	1/27/2022	0.84			< 0.021	U		< 0.0021	U		< 0.0021	U		0.090	J		0.00014	J		79			20		
VMP-22	18	VMP-22-18-050522	5/5/2022	3.9			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			17		
VMP-22	38	VMP-22-38-110121	11/1/2021	0.57			< 0.021	U		< 0.0021	U		< 0.0021	U		0.47			0.00013	J		79			20		
VMP-22	38	VMP-22-38-012722	1/27/2022	0.18			< 0.021	U		< 0.0021	U		< 0.0021	U		0.24			0.00017	J		79			21		
VMP-22	38	VMP-22-38-050522	5/5/2022	3.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			18		
VMP-23	5	VMP-23-5-102521	10/25/2021	1.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-23	5	VMP-23-5-011922	1/19/2022	0.27			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			21		
VMP-23	5	VMP-23-5-050422	5/4/2022	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-23	5	VMP-23-5-072522	7/25/2022	2.6			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		78			19		
VMP-23	10	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		
VMP-23	10	VMP-23-10-011922	1/19/2022	0.39			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		< 0.00019	U		79			21		
VMP-23	10	VMP-23-10-050422	5/4/2022	0.82			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			20		
VMP-23	10	VMP-23-10-072522	7/25/2022	2.3			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-23	25	VMP-23-25-102521	10/25/2021	3.8			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			18		
VMP-23	25	VMP-23-25-011922	1/19/2022	2.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			19		
VMP-23	25	VMP-23-25-050422	5/4/2022	1.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-23	25	VMP-23-25-072522	7/25/2022	2.4			< 0.023	U		< 0.0023	U		< 0.0023	U		0.014	J		< 0.00023	U		80			18		
VMP-23	40	VMP-23-40-050422	5/4/2022	3.0			< 0.029	U		< 0.0029	U		< 0.0029	U		0.012	J		< 0.00029	U		78			19		
VMP-23	40	VMP-23-40-050422-DUP	5/4/2022	3.0			< 0.023	U		< 0.0023	U		< 0.0023	U		0.077	J		< 0.00023	U		78			19		

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Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-24	5	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		
VMP-24	5	VMP-24-5-012822	1/28/2022	2.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00021			79			19		
VMP-24	5	VMP-24-5-050322	5/3/2022	2.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.042	J		< 0.00021	U		78			19		
VMP-24	5	VMP-24-5-072522	7/25/2022	3.6			< 0.021	U		< 0.0021	U		< 0.0021	U		0.079	J		0.000087	J		78			18		
VMP-24	10	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	VMP-24-10-102221-DUP	10/22/2021	4.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			17		
VMP-24	10	VMP-24-10-012822	1/28/2022	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.23			0.00018	J		78			20		
VMP-24	10	VMP-24-10-050322	5/3/2022	2.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.70			0.000083	J		79			19		
VMP-24	10	VMP-24-10-072522	7/25/2022	3.7			< 0.021	U		< 0.0021	U		< 0.0021	U		0.51			0.000093	J		78			18		
VMP-24	22	VMP-24-22-102221	10/22/2021	3.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.090	J		< 0.00021	U		79			18		
VMP-24	22	VMP-24-22-012822	1/28/2022	0.38			< 0.020	U		< 0.0020	U		< 0.0020	U		0.98			0.00028			79			20		
VMP-24	22	VMP-24-22-050322	5/3/2022	0.28			< 0.021	U		< 0.0021	U		< 0.0021	U		3.8			0.00020	J		80			20		
VMP-24	22	VMP-24-22-050322-DUP	5/3/2022	0.28			< 0.021	U		< 0.0021	U		< 0.0021	U		3.9			0.00021	J		80			20		
VMP-24	22	VMP-24-22-072522	7/25/2022	4.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.065	J		< 0.00021	U		78			17		
VMP-24	34	VMP-24-34-102221	10/22/2021	5.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			16		
VMP-24	34	VMP-24-34-012822	1/28/2022	3.1			< 0.020	U		< 0.0020	U		< 0.0020	U		0.041	J		< 0.00020	U		79			18		
VMP-24	34	VMP-24-34-050322	5/3/2022	3.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.043	J		< 0.00021	U		78			18		
VMP-24	34	VMP-24-34-072522	7/25/2022	3.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.45			0.000096	J		78			18		
VMP-25	5	VMP-25-5-102721	10/27/2021	5.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		89			6.4		
VMP-25	5	VMP-25-5-102721-DUP	10/27/2021	5.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		89			6.3		
VMP-25	5	VMP-25-5-012422	1/24/2022	3.6			< 0.022	U		< 0.0022	U		< 0.0022	U		0.011	J		< 0.00022	U		91			5.4		
VMP-25	5	VMP-25-5-012422-DUP	1/24/2022	3.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.016	J		< 0.00020	U		91			5.3		
VMP-25	5	VMP-25-5-050322	5/3/2022	7.3			< 0.022	U		0.030			0.000084	J		< 0.11	U		6.4			85			1.6		
VMP-25	5	VMP-25-5-050322-DUP	5/3/2022	7.6			< 0.022	U		0.030			0.000090	J		< 0.11	U		6.5			84			1.5		
VMP-25	5	VMP-25-5-062422-R	6/24/2022	7.5			< 0.023	U		0.011			< 0.0023	U		< 0.12	U		1.8			89			1.7		
VMP-25	5	VMP-25-5-072722	7/27/2022	8.2			< 0.023	U		0.0049			< 0.0023	U		< 0.11	U		0.74			83			8.1		
VMP-29	10	VMP-29-10-102921	10/29/2021	0.29			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-29	10	VMP-29-10-012622	1/26/2022	0.17			< 0.021	U		< 0.0021	U		< 0.0021	U		0.012	J		< 0.00021	U		79			21		
VMP-29	10	VMP-29-10-050322	5/3/2022	0.066			< 0.023	U		< 0.0023	U		< 0.0023	U		0.40			0.00017	J		79			21		
VMP-29	10	VMP-29-10-072722	7/27/2022	0.46			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000060	J		80			20		
VMP-29	18	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		
VMP-29	18	VMP-29-18-012622	1/26/2022	0.32			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			20		
VMP-29	18	VMP-29-18-050322	5/3/2022	0.079			< 0.022	U		< 0.0022	U		< 0.0022	U		2.1			0.00018	J		79			21		
VMP-29	18	VMP-29-18-072722	7/27/2022	0.39			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0045	J		0.000088	J		80			20		
VMP-29	18	VMP-29-18-072722-DUP	7/27/2022	0.41			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.000076	J		80			20		
VMP-29	26	VMP-29-26-102921	10/29/2021	1.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-29	26	VMP-29-26-012622	1/26/2022	0.68			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0057	J		< 0.00022	U		79			20		
VMP-29	26	VMP-29-26-050322	5/3/2022	0.082			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0099	J		0.00023			79			21		
VMP-29	26	VMP-29-26-072722	7/27/2022	0.63			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		80			19		
VMP-30	10	VMP-30-10-102921	10/29/2021	0.087			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0091	J		< 0.00020	U		79			21		
VMP-30	10	VMP-30-10-012622	1/26/2022	0.059			< 0.021	U		< 0.0021	U		< 0.0021	U		0.13			< 0.00021	U		79			21		
VMP-30	10	VMP-30-10-050322	5/3/2022	0.061			< 0.026	U		< 0.0026	U		< 0.0026	U		0.091	J		0.00018	J		78			22		
VMP-30	10	VMP-30-10-072722	7/27/2022	0.19			< 0.021	U		< 0.0021	U		< 0.0021	U		0.016	J		< 0.00021	U		79			21		
VMP-30	18	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		
VMP-30	18	VMP-30-18-012622	1/26/2022	0.20			< 0.020	U		< 0.0020	U		< 0.0020	U		0.015	J		< 0.00020	U		79			21		
VMP-30	18	VMP-30-18-012622-DUP	1/26/2022	0.19			< 0.034	U		< 0.0034	U		< 0.0034	U		0.026	J		< 0.00034	U		76			24		
VMP-30	18	VMP-30-18-050322	5/3/2022	0.074			< 0.022	U		< 0.0022	U		< 0.0022	U		1.3			0.00020	J		79			21		
VMP-30	18	VMP-30-18-072722	7/27/2022	0.14			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		0.000060	J		80			20		
VMP-30	26	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-30	26	VMP-30-26-012622	1/26/2022	0.51			< 0.019	U		< 0.0019	U		< 0.0019	U		0.024	J		< 0.00019	U		79			20		
VMP-30	26	VMP-30-26-050322	5/3/2022	0.060			< 0.021	U		< 0.0021	U		< 0.0021	U		0.53			0.00018	J		79			21		
VMP-30	26	VMP-30-26-072722	7/27/2022	0.046			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0060	J		0.00014	J		79			21		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-32	5	VMP-32-5-110121	11/1/2021	4.1			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0054	J		< 0.00020	U		79			17		
VMP-32	5	VMP-32-5-012722	1/27/2022	2.4			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-32	5	VMP-32-5-042822	4/28/2022	2.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.00028			79			19		
VMP-32	5	VMP-32-5-072922	7/29/2022	4.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0065	J		< 0.00021	U		80			16		
VMP-32	10	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		
VMP-32	10	VMP-32-10-012722	1/27/2022	2.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.026	J		< 0.00021	U		78			19		
VMP-32	10	VMP-32-10-042822	4/28/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-32	10	VMP-32-10-072922	7/29/2022	3.8			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0053	J		< 0.00023	U		79			17		
VMP-32	10	VMP-32-10-072922-DUP	7/29/2022	3.8			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			17		
VMP-32	20	VMP-32-20-110121	11/1/2021	1.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.78			0.00010	J		78			20		
VMP-32	20	VMP-32-20-042822	4/28/2022	0.66			< 0.021	U		< 0.0021	U		< 0.0021	U		0.036	J		0.00011	J		79			20		
VMP-32	20	VMP-32-20-072922	7/29/2022	0.49			< 0.022	U		< 0.0022	U		< 0.0022	U		0.18			0.00016	J		80			20		
VMP-32	30	VMP-32-30-110121	11/1/2021	3.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.030	J		< 0.00020	U		79			18		
VMP-32	30	VMP-32-30-012722	1/27/2022	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.28			0.00013	J		79			20		
VMP-32	30	VMP-32-30-012722-DUP	1/27/2022	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.29			0.00014	J		79			20		
VMP-32	30	VMP-32-30-042822	4/28/2022	0.11			< 0.022	U		< 0.0022	U		< 0.0022	U		1.0			0.00022	J		79			21		
VMP-41	10	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		
VMP-41	10	VMP-41-10-012622	1/26/2022	0.20			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			21		
VMP-41	10	VMP-41-10-042922	4/29/2022	0.35			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-41	10	VMP-41-10-042922-DUP	4/29/2022	0.36			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		80			20		
VMP-41	10	VMP-41-10-072722	7/27/2022	1.6			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-41	20	VMP-41-20-102921	10/29/2021	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-41	20	VMP-41-20-042922	4/29/2022	0.45			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0051	J		< 0.00022	U		78			21		
VMP-41	20	VMP-41-20-072722	7/27/2022	1.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0085	J		< 0.00022	U		80			19		
VMP-41	26	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		
VMP-41	26	VMP-41-26-012622	1/26/2022	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-41	26	VMP-41-26-042922	4/29/2022	0.77			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0095	J		< 0.00022	U		79			20		
VMP-41	26	VMP-41-26-072722	7/27/2022	1.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			19		
VMP-42	10	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		
VMP-42	10	VMP-42-10-012422	1/24/2022	0.33			< 0.023	U		< 0.0023	U		< 0.0023	U		0.016	J		0.00011	J		79			21		
VMP-42	10	VMP-42-10-042822	4/28/2022	0.37			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		80			20		
VMP-42	10	VMP-42-10-072822	7/28/2022	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0072	J		< 0.00021	U		79			20		
VMP-42	20	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		
VMP-42	20	VMP-42-20-012422	1/24/2022	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-42	20	VMP-42-20-042822	4/28/2022	0.84			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-42	20	VMP-42-20-072822	7/28/2022	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0056	J		< 0.00021	U		79			20		
VMP-42	30	VMP-42-30-102621	10/26/2021	3.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		78			18		
VMP-42	30	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-42	30	VMP-42-30-012422	1/24/2022	2.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			20		
VMP-42	30	VMP-42-30-042822	4/28/2022	1.4			< 0.020	U		< 0.0020	U		< 0.0020	U		0.027	J		< 0.00020	U		79			20		
VMP-42	30	VMP-42-30-072822	7/28/2022	2.1			< 0.023	U		< 0.0023	U		< 0.0023	U		0.011	J		< 0.00023	U		79			19		
VMP-43	10	VMP-43-10-102621	10/26/2021	0.83			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-43	10	VMP-43-10-012722	1/27/2022	0.24			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-43	10	VMP-43-10-050222	5/2/2022	0.20			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0047	J		0.00017	J		79			21		
VMP-43	10	VMP-43-10-072822	7/28/2022	0.74			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00013	J		79			20		
VMP-43	20	VMP-43-20-102621	10/26/2021	1.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-43	20	VMP-43-20-012722	1/27/2022	0.46			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0049	J		< 0.00021	U		80			20		
VMP-43	20	VMP-43-20-050222	5/2/2022	0.54			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000098	J		78			21		
VMP-43	20	VMP-43-20-072822	7/28/2022	0.96			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0052	J		< 0.00022	U		79			20		
VMP-43	20	VMP-43-20-072822-DUP	7/28/2022	0.97			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-43	30	VMP-43-30-102621	10/26/2021	0.22			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.000096	J		80			20		
VMP-43	30	VMP-43-30-012722	1/27/2022	0.054			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00021			79			21		
VMP-43	30	VMP-43-30-050222	5/2/2022	0.35			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.00062			79			21		
VMP-43	30	VMP-43-30-050222-DUP	5/2/2022	0.36			< 0.022	U		< 0.0022	U		< 0.0022	U		0.014	J		0.00068			79			21		
VMP-43	30	VMP-43-30-072822	7/28/2022	0.58			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000097	J		79			20		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-45	10	VMP-45-10-102721	10/27/2021	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-45	10	VMP-45-10-012422	1/24/2022	0.28			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0055	J		< 0.00023	U		79			21		
VMP-45	10	VMP-45-10-050222	5/2/2022	0.43			< 0.023	U		< 0.0023	U		< 0.0023	U		0.011	J		< 0.00023	U		78			21		
VMP-45	10	VMP-45-10-050222-DUP	5/2/2022	0.44			< 0.022	U		< 0.0022	U		< 0.0022	U		0.012	J		< 0.00022	U		78			21		
VMP-45	10	VMP-45-10-072522	7/25/2022	1.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0055	J		< 0.00022	U		79			20		
VMP-45	20	VMP-45-20-102721	10/27/2021	1.1			< 0.019	U		< 0.0019	U		< 0.0019	U		0.010	J		< 0.00019	U		79			20		
VMP-45	20	VMP-45-20-012422	1/24/2022	0.33			< 0.022	U		< 0.0022	U		< 0.0022	U		0.025	J		< 0.00022	U		80			20		
VMP-45	20	VMP-45-20-050222	5/2/2022	0.41			< 0.022	U		< 0.0022	U		< 0.0022	U		0.11			< 0.00022	U		78			21		
VMP-45	20	VMP-45-20-072522	7/25/2022	1.2			< 0.024	U		< 0.0024	U		< 0.0024	U		0.064	J		< 0.00024	U		79			20		
VMP-45	30	VMP-45-30-102721	10/27/2021	0.64			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0051	J		0.000097	J		79			20		
VMP-45	30	VMP-45-30-102721-DUP	10/27/2021	0.64			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00011	J		79			20		
VMP-45	30	VMP-45-30-012422	1/24/2022	0.23			< 0.022	U		< 0.0022	U		< 0.0022	U		0.45			< 0.00022	U		80			20		
VMP-45	30	VMP-45-30-050222	5/2/2022	0.28			< 0.021	U		< 0.0021	U		< 0.0021	U		0.33			0.00015	J		78			21		
VMP-45	30	VMP-45-30-072522	7/25/2022	0.56			< 0.023	U		< 0.0023	U		< 0.0023	U		0.42			0.00015	J		79			20		
VMP-47	5	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		
VMP-47	5	VMP-47-5-022222	2/22/2022	0.11			< 0.021	U		< 0.0021	U		< 0.0021	U		0.017	J		0.00021	J		79			21		
VMP-47	5	VMP-47-5-050522	5/5/2022	0.48			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000082	J		78			21		
VMP-47	5	VMP-47-5-080222	8/2/2022	1.6			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0069	J		0.000094	J		79			19		
VMP-47	10	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		
VMP-47	10	VMP-47-10-022222	2/22/2022	0.58			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0065	J		< 0.00022	U		79			20		
VMP-47	10	VMP-47-10-050522	5/5/2022	1.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			21		
VMP-47	10	VMP-47-10-080222	8/2/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-47	10	VMP-47-10-080222-DUP	8/2/2022	2.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			19		
VMP-47	20	VMP-47-20-110121	11/1/2021	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0074	J		< 0.00020	U		79			20		
VMP-47	20	VMP-47-20-012122	1/21/2022	0.43			< 0.020	U		< 0.0020	U		< 0.0020	U		0.20			< 0.00020	U		79			20		
VMP-47	20	VMP-47-20-050522	5/5/2022	0.92			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-47	20	VMP-47-20-080222	8/2/2022	2.2			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			19		
VMP-47	30	VMP-47-30-110121	11/1/2021	2.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0084	J		< 0.00020	U		79			19		
VMP-47	30	VMP-47-30-012122	1/21/2022	1.6			< 0.021	U		< 0.0021	U		< 0.0021	U		0.096	J		< 0.00021	U		78			20		
VMP-47	30	VMP-47-30-050522	5/5/2022	0.96			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			20		
VMP-47	30	VMP-47-30-080222	8/2/2022	1.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0082	J		< 0.00022	U		80			19		
VMP-48	5	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		
VMP-48	5	VMP-48-5-012122	1/21/2022	0.40			< 0.020	U		< 0.0020	U		< 0.0020	U		0.036	J		< 0.00020	U		79			21		
VMP-48	5	VMP-48-5-042922	4/29/2022	1.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-48	5	VMP-48-5-072922	7/29/2022	3.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		80			17		
VMP-48	10	VMP-48-10-110121	11/1/2021	1.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-48	10	VMP-48-10-042922	4/29/2022	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		0.016	J		< 0.00021	U		79			20		
VMP-48	10	VMP-48-10-042922-DUP	4/29/2022	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.015	J		< 0.00021	U		79			20		
VMP-48	10	VMP-48-10-072922	7/29/2022	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			17		
VMP-48	20	VMP-48-20-110121	11/1/2021	3.7			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			18		
VMP-48	20	VMP-48-20-012122	1/21/2022	1.7			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0027	J		< 0.00019	U		78			20		
VMP-48	20	VMP-48-20-042922	4/29/2022	0.91			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-48	20	VMP-48-20-072922	7/29/2022	2.2			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0071	J		< 0.00023	U		79			19		
VMP-48	30	VMP-48-30-110121	11/1/2021	4.9			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			17		
VMP-48	30	VMP-48-30-042922	4/29/2022	2.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.050	J		< 0.00020	U		78			20		
VMP-48	30	VMP-48-30-072922	7/29/2022	2.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.043	J		< 0.00022	U		80			18		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-49	5	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		
VMP-49	5	VMP-49-5-012122	1/21/2022	0.62			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0075	J		< 0.00021	U		79			20		
VMP-49	5	VMP-49-5-050422	5/4/2022	0.99			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			20		
VMP-49	5	VMP-49-5-080122	8/1/2022	1.5			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		80			19		
VMP-49	5	VMP-49-5-080122-DUP	8/1/2022	1.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		80			19		
VMP-49	10	VMP-49-10-102721	10/27/2021	2.8			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0053	J		< 0.00020	U		79			18		
VMP-49	10	VMP-49-10-012122	1/21/2022	0.83			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			20		
VMP-49	10	VMP-49-10-050422	5/4/2022	1.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.062	J		0.000087	J		79			20		
VMP-49	10	VMP-49-10-080122	8/1/2022	2.7			< 0.024	U		< 0.0024	U		< 0.0024	U		0.0038	J		< 0.00024	U		80			17		
VMP-49	20	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	20	VMP-49-20-012122	1/21/2022	0.33			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0064	J		< 0.00021	U		80			20		
VMP-49	20	VMP-49-20-050422	5/4/2022	1.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.025	J		< 0.00022	U		79			20		
VMP-49	20	VMP-49-20-080122	8/1/2022	2.8			< 0.024	U		< 0.0024	U		< 0.0024	U		0.0060	J		0.00011	J		80			17		
VMP-49	30	VMP-49-30-102721	10/27/2021	0.80			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0079	J		< 0.00022	U		79			20		
VMP-49	30	VMP-49-30-012122	1/21/2022	0.51			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-49	30	VMP-49-30-050422	5/4/2022	0.60			< 0.022	U		< 0.0022	U		< 0.0022	U		0.25			< 0.00022	U		78			21		
VMP-49	30	VMP-49-30-080122	8/1/2022	0.75			< 0.024	U		< 0.0024	U		< 0.0024	U		0.083	J		< 0.00024	U		79			20		
VMP-50	5	VMP-50-5-102521	10/25/2021	5.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0070	J		< 0.00020	U		79			15		
VMP-50	5	VMP-50-5-012022	1/20/2022	0.88			< 0.021	U		< 0.0021	U		< 0.0021	U		0.034	J		< 0.00021	U		79			20		
VMP-50	5	VMP-50-5-050522	5/5/2022	1.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0034	J		0.000089	J		80			19		
VMP-50	5	VMP-50-5-072622	7/26/2022	6.7			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		< 0.00021	U		81			12		
VMP-50	10	VMP-50-10-102521	10/25/2021	5.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		81			14		
VMP-50	10	VMP-50-10-012022	1/20/2022	3.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.054	J		< 0.00022	U		79			18		
VMP-50	10	VMP-50-10-050522	5/5/2022	2.2			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.096	U		< 0.00019	U		80			18		
VMP-50	10	VMP-50-10-050522-DUP	5/5/2022	2.2			< 0.019	U		< 0.0019	U		< 0.0019	U		0.011	J		< 0.00019	U		80			18		
VMP-50	10	VMP-50-10-072622	7/26/2022	4.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0089	J		< 0.00020	U		81			15		
VMP-50	10	VMP-50-10-072622-DUP	7/26/2022	4.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0051	J		< 0.00020	U		81			15		
VMP-50	20	VMP-50-20-102521	10/25/2021	2.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		82			15		
VMP-50	20	VMP-50-20-012022	1/20/2022	3.2			< 0.018	U		< 0.0018	U		< 0.0018	U		0.053	J		< 0.00018	U		80			17		
VMP-50	20	VMP-50-20-012022-DUP	1/20/2022	3.2			< 0.018	U		< 0.0018	U		< 0.0018	U		0.0084	J		< 0.00018	U		80			17		
VMP-50	20	VMP-50-20-050522	5/5/2022	3.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		0.00014	J		80			17		
VMP-50	20	VMP-50-20-072622	7/26/2022	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0093	J		< 0.00022	U		80			17		
VMP-50	30	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-50	30	VMP-50-30-012022	1/20/2022	2.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.018	J		0.00087			78			19		
VMP-50	30	VMP-50-30-050522	5/5/2022	2.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.0010			79			19		
VMP-50	30	VMP-50-30-072622	7/26/2022	2.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0056	J		0.00083			80			18		
VMP-51	5	VMP-51-5-102521	10/25/2021	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00012	J		79			20		
VMP-51	5	VMP-51-5-012722	1/27/2022	0.21			< 0.020	U		< 0.0020	U		< 0.0020	U		1.7			< 0.00020	U		79			21		
VMP-51	5	VMP-51-5-042822	4/28/2022	0.38			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0084	J		0.00010	J		80			20		
VMP-51	5	VMP-51-5-072522	7/25/2022	1.7			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-51	10	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	10	VMP-51-10-012722	1/27/2022	0.56			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-51	10	VMP-51-10-042822	4/28/2022	0.70			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0084	J		< 0.00021	U		79			20		
VMP-51	10	VMP-51-10-072522	7/25/2022	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0069	J		< 0.00022	U		78			19		
VMP-51	20	VMP-51-20-102521	10/25/2021	3.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			18		
VMP-51	20	VMP-51-20-012722	1/27/2022	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0056	J		< 0.00022	U		79			19		
VMP-51	20	VMP-51-20-042822	4/28/2022	1.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.016	J		< 0.00021	U		80			19		
VMP-51	20	VMP-51-20-072522	7/25/2022	2.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0055	J		< 0.00022	U		79			19		
VMP-51	30	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-51	30	VMP-51-30-012722	1/27/2022	2.8			< 0.023	U		< 0.0023	U		< 0.0023	U		0.011	J		< 0.00023	U		78			19		
VMP-51	30	VMP-51-30-042822	4/28/2022	2.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.023	J		< 0.00022	U		79			19		
VMP-51	30	VMP-51-30-072522	7/25/2022	2.4			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			19		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-52	5	VMP-52-5-110221	11/2/2021	1.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		78			20		
VMP-52	5	VMP-52-5-012722	1/27/2022	0.52			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00024			78			21		
VMP-52	5	VMP-52-5-042822	4/28/2022	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		1.1			< 0.00020	U		80			19		
VMP-52	10	VMP-52-10-110221	11/2/2021	6.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			16		
VMP-52	10	VMP-52-10-012722	1/27/2022	4.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		77			18		
VMP-52	10	VMP-52-10-042822	4/28/2022	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-52	20	VMP-52-20-110221	11/2/2021	3.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			17		
VMP-52	20	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		
VMP-52	20	VMP-52-20-012722	1/27/2022	4.1			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			16		
VMP-52	20	VMP-52-20-012722-DUP	1/27/2022	4.1			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			16		
VMP-52	20	VMP-52-20-042822	4/28/2022	4.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0036	J		< 0.00022	U		80			16		
VMP-52	20	VMP-52-20-072622	7/26/2022	4.3			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			16		
VMP-52	30	VMP-52-30-110221	11/2/2021	3.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		80			17		
VMP-52	30	VMP-52-30-012722	1/27/2022	4.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.22			< 0.00022	U		80			16		
VMP-52	30	VMP-52-30-042822	4/28/2022	4.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			16		
VMP-52	30	VMP-52-30-072622	7/26/2022	4.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.058	J		< 0.00021	U		80			16		
VMP-52	30	VMP-52-30-072622-DUP	7/26/2022	4.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.042	J		< 0.00021	U		80			16		
VMP-53	5	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		
VMP-53	5	VMP-53-5-011922	1/19/2022	0.39			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0036	J		< 0.00022	U		79			21		
VMP-53	5	VMP-53-5-042722	4/27/2022	0.87			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-53	5	VMP-53-5-072222	7/22/2022	3.6			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			17		
VMP-53	10	VMP-53-10-102221	10/22/2021	0.82			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-53	10	VMP-53-10-011922	1/19/2022	0.32			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-53	10	VMP-53-10-042722	4/27/2022	0.64			< 0.021	U		< 0.0021	U		< 0.0021	U		0.014	J		< 0.00021	U		79			20		
VMP-53	10	VMP-53-10-072222	7/22/2022	2.9			< 0.023	U		< 0.0023	U		< 0.0023	U		0.052	J		< 0.00023	U		79			18		
VMP-53	20	VMP-53-20-102221	10/22/2021	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.014	J		< 0.00020	U		79			20		
VMP-53	20	VMP-53-20-011922	1/19/2022	0.61			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			21		
VMP-53	20	VMP-53-20-042722	4/27/2022	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-53	20	VMP-53-20-072222	7/22/2022	1.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.038	J		< 0.00022	U		80			18		
VMP-53	30	VMP-53-30-102221	10/22/2021	2.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			18		
VMP-53	30	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-53	30	VMP-53-30-011922	1/19/2022	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			20		
VMP-53	30	VMP-53-30-042722	4/27/2022	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			19		
VMP-53	30	VMP-53-30-072222	7/22/2022	2.1			< 0.023	U		< 0.0023	U		< 0.0023	U		0.037	J		< 0.00023	U		80			18		
VMP-54	5	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		
VMP-54	5	VMP-54-5-011922	1/19/2022	1.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.020	J		< 0.00022	U		79			19		
VMP-54	5	VMP-54-5-042722	4/27/2022	2.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			18		
VMP-54	5	VMP-54-5-072222	7/22/2022	4.4			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			16		
VMP-54	10	VMP-54-10-102921	10/29/2021	4.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			17		
VMP-54	10	VMP-54-10-011922	1/19/2022	2.7			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0091	J		< 0.00019	U		79			18		
VMP-54	10	VMP-54-10-011922-DUP	1/19/2022	2.7			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0070	J		< 0.00020	U		79			18		
VMP-54	10	VMP-54-10-042722	4/27/2022	2.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0081	J		< 0.00022	U		80			18		
VMP-54	10	VMP-54-10-072222	7/22/2022	3.5			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0043	J		< 0.00023	U		80			16		
VMP-54	20	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		
VMP-54	20	VMP-54-20-011922	1/19/2022	3.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0087	J		< 0.00021	U		80			17		
VMP-54	20	VMP-54-20-042722	4/27/2022	2.7			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			17		
VMP-54	20	VMP-54-20-072222	7/22/2022	3.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0081	J		< 0.00021	U		81			16		
VMP-54	30	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-54	30	VMP-54-30-011922	1/19/2022	0.50			< 0.022	U		< 0.0022	U		< 0.0022	U		0.034	J		0.00013	J		80			20		
VMP-54	30	VMP-54-30-042722	4/27/2022	1.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.076	J		< 0.00022	U		80			18		
VMP-54	30	VMP-54-30-072222	7/22/2022	3.7			< 0.022	U		< 0.0022	U		< 0.0022	U		0.31			0.000093	J		79			17		
VMP-55	20	VMP-55-20-102721	10/27/2021	17			< 0.022	U		0.0050			< 0.0022	U		0.030	J		14			67			1.4		
VMP-55	20	VMP-55-20-012422	1/24/2022	18			< 0.023	U		0.0041			< 0.0023	U		0.054	J		11			70			1.2		
VMP-55	20	VMP-55-20-050322	5/3/2022	16			< 0.020	U		0.0081			< 0.0020	U		0.0037	J		15			67			1.3		
VMP-55	20	VMP-55-20-072822	7/28/2022	16			< 0.022	U		0.00051	J		< 0.0022	U		0.039	J		1.4			81			1.5		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-56	10	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**		
VMP-56	10	VMP-56-10-012522	1/25/2022	**0.22**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.025**	J		< 0.00022	U		**79**			**21**		
VMP-56	10	VMP-56-10-050422	5/4/2022	**0.72**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.015**	J		**0.00010**	J		**78**			**21**		
VMP-56	10	VMP-56-10-080122	8/1/2022	**0.97**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**20**		
VMP-56	10	VMP-56-10-080122-DUP	8/1/2022	**0.98**			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		**79**			**20**		
VMP-56	25	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**		
VMP-56	25	VMP-56-25-012522	1/25/2022	**0.34**			< 0.023	U		< 0.0023	U		< 0.0023	U		**0.013**	J		**0.00014**	J		**80**			**20**		
VMP-56	25	VMP-56-25-050422	5/4/2022	**1.1**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.014**	J		< 0.00021	U		**79**			**20**		
VMP-56	25	VMP-56-25-080122	8/1/2022	**1.3**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.020**	J		< 0.00022	U		**80**			**19**		
VMP-56	38.5	VMP-56-38.5-050422	5/4/2022	**0.57**			< 0.022	U		**0.00045**	J		< 0.0022	U		**4.2**			**0.00055**			**73**			**19**		
VMP-56	38.5	VMP-56-38.5-080122	8/1/2022	**1.4**			< 0.023	U		**0.00025**	J		< 0.0023	U		**0.035**	J		**0.00095**			**76**			**18**		
VMP-62	5	VMP-62-5-110121	11/1/2021	**2.9**			< 0.028	U		< 0.0028	U		< 0.0028	U		**0.010**	J		< 0.00028	U		**78**			**19**		
VMP-62	5	VMP-62-5-012022	1/20/2022	**0.86**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.13**			< 0.00020	U		**79**			**20**		
VMP-62	5	VMP-62-5-050522	5/5/2022	**1.8**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.019**	J		< 0.00022	U		**79**			**19**		
VMP-62	5	VMP-62-5-080222	8/2/2022	**6.8**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**14**		
VMP-62	10	VMP-62-10-110121	11/1/2021	**3.5**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		**78**			**18**		
VMP-62	10	VMP-62-10-012022	1/20/2022	**1.5**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.013**	J		< 0.00020	U		**78**			**20**		
VMP-62	10	VMP-62-10-050522	5/5/2022	**1.8**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**79**			**19**		
VMP-62	10	VMP-62-10-080222	8/2/2022	**5.6**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.0067**	J		< 0.00021	U		**79**			**15**		
VMP-62	20	VMP-62-20-110121	11/1/2021	**3.6**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.015**	J		< 0.00020	U		**78**			**18**		
VMP-62	20	VMP-62-20-050522	5/5/2022	**1.6**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.038**	J		< 0.00021	U		**79**			**19**		
VMP-62	20	VMP-62-20-080222	8/2/2022	**5.0**			< 0.023	U		< 0.0023	U		< 0.0023	U		**0.010**	J		< 0.00023	U		**79**			**16**		
VMP-62	30	VMP-62-30-110121	11/1/2021	**2.6**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.0036**	J		< 0.00020	U		**78**			**19**		
VMP-62	30	VMP-62-30-110121-DUP	11/1/2021	**2.6**			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.093	U		< 0.00019	U		**78**			**19**		
VMP-62	30	VMP-62-30-012022	1/20/2022	**1.7**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**78**			**20**		
VMP-62	30	VMP-62-30-012022-DUP	1/20/2022	**1.7**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.0038**	J		< 0.00020	U		**79**			**19**		
VMP-62	30	VMP-62-30-050522	5/5/2022	**1.6**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.032**	J		< 0.00021	U		**78**			**20**		
VMP-62	30	VMP-62-30-080222	8/2/2022	**2.2**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**80**			**18**		
VMP-63	5	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**		
VMP-63	5	VMP-63-5-012422	1/24/2022	**0.14**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.013**	J		**0.000098**	J		**79**			**21**		
VMP-63	5	VMP-63-5-050222	5/2/2022	**0.55**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.011**	J		< 0.00022	U		**78**			**21**		
VMP-63	5	VMP-63-5-072922	7/29/2022	**1.1**			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		**79**			**20**		
VMP-63	10	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**		
VMP-63	10	VMP-63-10-012422	1/24/2022	**0.22**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.012**	J		< 0.00022	U		**79**			**21**		
VMP-63	10	VMP-63-10-050222	5/2/2022	**0.54**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.026**	J		< 0.00022	U		**78**			**21**		
VMP-63	10	VMP-63-10-072922	7/29/2022	**1.4**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		**79**			**20**		
VMP-63	20	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**		
VMP-63	20	VMP-63-20-012422	1/24/2022	**0.50**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.0068**	J		< 0.00022	U		**78**			**21**		
VMP-63	20	VMP-63-20-050222	5/2/2022	**0.43**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.0055**	J		< 0.00022	U		**78**			**21**		
VMP-63	20	VMP-63-20-072922	7/29/2022	**1.9**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.012**	J		< 0.00021	U		**79**			**19**		
VMP-63	30	VMP-63-30-102621	10/26/2021	**2.0**			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		**78**			**20**		
VMP-63	30	VMP-63-30-102621-DUP	10/26/2021	**2.0**			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		**78**			**20**		
VMP-63	30	VMP-63-30-012422	1/24/2022	**1.1**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**20**		
VMP-63	30	VMP-63-30-012422-DUP	1/24/2022	**1.1**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**79**			**20**		
VMP-63	30	VMP-63-30-050222	5/2/2022	**0.64**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.0038**	J		< 0.00021	U		**79**			**20**		
VMP-63	30	VMP-63-30-072922	7/29/2022	**1.1**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.014**	J		< 0.00021	U		**79**			**20**		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-64	5	VMP-64-5-110121	11/1/2021	**1.2**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**78**			**21**		
VMP-64	5	VMP-64-5-012122	1/21/2022	**0.44**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**80**			**20**		
VMP-64	5	VMP-64-5-050522	5/5/2022	**0.53**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		**79**			**20**		
VMP-64	5	VMP-64-5-080122	8/1/2022	**1.4**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		**0.00020**	J		**83**			**16**		
VMP-64	10	VMP-64-10-110121	11/1/2021	**4.8**			< 0.020	U		< 0.0020	U		< 0.0020	U		**0.0098**	J		< 0.00020	U		**78**			**17**		
VMP-64	10	VMP-64-10-012122	1/21/2022	**2.8**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		**79**			**18**		
VMP-64	10	VMP-64-10-050522	5/5/2022	**1.8**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		**79**			**19**		
VMP-64	10	VMP-64-10-080122	8/1/2022	**2.8**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		**0.00028**			**82**			**15**		
VMP-64	20	VMP-64-20-110121	11/1/2021	**4.8**			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		**79**			**16**		
VMP-64	20	VMP-64-20-012122	1/21/2022	**4.1**			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		< 0.00019	U		**78**			**18**		
VMP-64	20	VMP-64-20-012122-DUP	1/21/2022	**4.1**			< 0.017	U		< 0.0017	U		< 0.0017	U		**0.062**	J		< 0.00017	U		**78**			**18**		
VMP-64	20	VMP-64-20-050522	5/5/2022	**3.0**			< 0.021	U		< 0.0021	U		< 0.0021	U		**0.0046**	J		< 0.00021	U		**79**			**18**		
VMP-64	20	VMP-64-20-050522-DUP	5/5/2022	**3.0**			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		**79**			**18**		
VMP-64	20	VMP-64-20-080122	8/1/2022	**2.9**			< 0.022	U		< 0.0022	U		< 0.0022	U		**0.0084**	J		< 0.00022	U		**80**			**17**		
VMP-64	20	VMP-64-20-080122-DUP	8/1/2022	**2.9**			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		**79**			**18**		

Notes:
Bold results are detections above the reporting limit (RL), or estimated detections between the method detection limit (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

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-03R	400.71-410.71 (31-41)	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-03R		1/18/2022	14:15	NM	36 98	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		2/21/2022	12:53	-0.56	37.40	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		3/24/2022	12:21	-1.11	38 20	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		4/27/2022	11:50	-0.62	38.16	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		5/24/2022	07:43	-11.00	37 03	0.0	0	1 3	19.7	3.1	16.9	1.1	15.8	
SVE-03R		6/21/2022	08:16	-10.50	36 80	0.0	0	1 3	19.6	2 8	10.4	0	10.4	
SVE-03R		7/20/2022	14:33	-9.70	36 62	0.0	0	1.4	19.3	2 5	6 8	0.6	6.2	
SVE-03R		8/24/2022	08:50	-9.61	36.45	0.0	0	1.7	19.2	3 5	22.9	17.1	5.8	
SVE-03R		9/21/2022	09:13	-9.50	37.76	0.0	0	1 5	19.3	0 6	4 5	0	4.5	
SVE-04	427 04-437.04 (5-15)	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-04		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/21/2022	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)	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-05		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/21/2022	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)	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.
SVE-06		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-07	423.71-433.71 (10-20)	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-07		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/21/2022	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)	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-08		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/21/2022	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)	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-09		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/21/2022	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)	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.
SVE-10		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-11	423 56-433.56 (10-20)	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-11		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		9/21/2022	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)	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-12		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		9/21/2022	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)	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-13		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		9/21/2022	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)	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.
SVE-14		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-15	424.15-434.15 (10-20)	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-15		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/21/2022	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)	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-16		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/21/2022	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)	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-17		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		9/21/2022	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)	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.
SVE-18		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-19	423.44-433.44 (11-21)	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-19		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		9/21/2022	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)	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-20		1/17/2022	14:10	-9.53	36 54	20.6	OVR	12.0	2.1	289	77810	64970	12840	
SVE-20		2/21/2022	10:24	-10.86	37.18	46.1	OVR	11.3	2.6	342	115000	102000	13000	
SVE-20		3/23/2022	11:00	-50.20	33.45	48.7	OVR	8 3	9.0	467	107000	84520	22480	
SVE-20		4/21/2022	09:07	-67.90	NE	56.8	OVR	10.2	5.7	459	102000	96300	5700	
SVE-20		4/26/2022	11:05	-68.00	32 39	39.1	OVR	10.0	6.1	475	93140	77280	15860	
SVE-20		5/23/2022	14:52	-77.60	NE	32.8	OVR	8 2	8.6	613	74240	48150	26090	
SVE-20		6/22/2022	08:27	-74.60	NE	29.1	OVR	10.3	5.0	431	86960	68790	18170	
SVE-20		7/20/2022	11:13	-75.70	NE	31.9	OVR	10.1	4.9	446	97820	76450	21370	
SVE-20		8/23/2022	12:42	-77.30	NE	40.0	OVR	9 8	5.8	373	94300	80150	14150	
SVE-20		9/20/2022	10:18	-77.40	NE	25.7	OVR	11.0	4.1	353	77800	58000	19800	
SVE-21	408 29-418.29 (25-35)	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	34.15	2.5	50	1 8	18.7	187	9128	5457	3671	
SVE-21		1/17/2022	14:52	-7.40	34 30	2.4	47	1.7	18.9	298	6469	4242	2227	
SVE-21		2/21/2022	12:32	-6.39	34.16	4.3	87	2 3	17.7	383	7952	4963	2989	
SVE-21		3/23/2022	14:53	-9.10	34.16	2.1	42	1.7	18.8	292	4695	3019	1676	
SVE-21		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	404 37-414.37 (25-35)	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.
SVE-22		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-23	405.75-415.75 (15-25)	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-23		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/21/2022	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)	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-24		1/17/2022	15:20	-8.30	20 91	0.7	15	3 6	16.6	87.9	3876	3622	254	
SVE-24		2/21/2022	12:02	-8.06	22.71	0.9	19	4.7	13.7	112	3648	3043	605	
SVE-24		3/24/2022	11:15	-37.60	25 06	1.3	27	3.4	16.9	107	8335	7364	971	
SVE-24		4/26/2022	13:01	-66.20	NE	0.9	19	3.4	16.7	123	6005	5397	608	
SVE-24		5/24/2022	09:00	-68.60	16 02	1.2	25	3 9	15.6	119	8712	8236	476	
SVE-24		6/21/2022	08:39	-74.20	19 51	1.0	20	3.7	16.0	117	6103	5531	572	
SVE-24		7/20/2022	15:11	-74.40	19 27	0.7	15	4 0	15.4	88.9	4760	4610	150	
SVE-24		8/24/2022	07:50	-79.30	NE	0.7	14	4 5	14.9	109	4688	4296	392	
SVE-24		9/21/2022	09:42	-77.20	19 80	0.6	11	3 9	16.0	105	3208	2631	577	
SVE-25	422-432 (10-20)	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-25		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/22/2022	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)	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.
SVE-26		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/22/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-27	405 93-415.93 (20-30)	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-27		1/17/2022	15:06	-8.30	28 00	59.2	OVR	8 0	9.0	1355	40340	17930	22410	
SVE-27		2/21/2022	12:16	-10.01	27 85	OVR	OVR	10.4	5.1	1361	65530	33070	32460	
SVE-27		3/24/2022	11:28	-57.40	30 60	OVR	OVR	7 2	10.0	1366	90270	38450	51820	
SVE-27		4/19/2022	10:43	-71.40	NE	OVR	OVR	5 9	12.2	1138	58300	36150	22150	
SVE-27		4/21/2022	09:36	-67.50	NE	OVR	OVR	6.1	11.5	962	66250	38440	27810	
SVE-27		4/26/2022	13:23	-66.30	NE	OVR	OVR	5.7	12.2	1141	62780	33790	28990	
SVE-27		5/24/2022	09:30	-78.50	NE	OVR	OVR	5 8	11.9	1293	62890	33720	29170	
SVE-27		6/21/2022	09:21	-74.10	NE	82.3	OVR	5 8	11.8	1362	65320	36750	28570	
SVE-27		7/20/2022	14:58	-74.90	NE	82.0	OVR	5 8	11.8	1187	61100	39520	21580	
SVE-27		8/24/2022	08:11	-78.40	NE	OVR	OVR	6.4	11.3	1023	66850	39930	26920	
SVE-27		9/21/2022	09:56	-76.90	NE	66.8	OVR	5.7	12.1	1236	51420	33110	18310	
SVE-28	392 94-402.94 (41-51)	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-28		1/18/2022	00:00	NM	43.18	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		2/21/2022	00:00	NM	41 69	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		3/23/2022	00:00	NM	42.18	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		4/25/2022	00:00	NM	42.73	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/25/2022	00:00	NM	42 65	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		6/21/2022	00:00	NM	42 31	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		7/20/2022	00:00	NM	42 08	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/24/2022	00:00	NM	41 90	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		9/21/2022	00:00	NM	41 92	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412 93-422.93 (21-31)	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-29		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/21/2022	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)	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	
SVE-30		1/17/2022	13:21	-51.10	34 05	2.7	54	5 3	14.1	216	4676	3017	1659	
SVE-30		2/21/2022	11:11	-48.10	33 86	6.0	OVR	5 3	13.5	374	6709	3796	2913	
SVE-30		3/24/2022	10:08	-45.60	33 95	9.4	OVR	5 8	12.6	393	18220	10670	7550	
SVE-30		4/26/2022	12:00	-48.30	33 83	8.4	OVR	5.4	13.5	491	14980	8590	6390	
SVE-30		5/23/2022	15:44	-59.50	33.72	4.1	83	5.1	14.2	349	8955	6049	2906	
SVE-30		6/21/2022	14:02	-56.00	33 56	4.0	81	4 6	14.7	375	9200	5165	4035	
SVE-30		7/20/2022	13:21	-65.20	NE	5.5	OVR	4 6	14.2	475	8282	6595	1687	
SVE-30		8/23/2022	13:47	-62.00	33 07	7.4	OVR	5.4	12.4	455	13840	9140	4700	
SVE-30		9/20/2022	11:09	-64.90	NE	7.8	OVR	5 2	13.5	482	15360	8530	6830	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-31	407 81-417.81 (25-35)	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-31		1/17/2022	13:32	-50.70	32.10	4.3	87	2 3	18.1	562	7415	3604	3811	
SVE-31		2/21/2022	11:02	-47.00	32.11	10.6	OVR	2.4	17.5	716	12200	7263	4937	
SVE-31		3/23/2022	11:29	-44.30	32 50	1.2	24	2 2	17.9	271	2151	721	1430	
SVE-31		4/26/2022	11:44	-48.80	32.71	1.3	26	2 0	18.5	271	3337	1395	1942	
SVE-31		5/23/2022	15:28	-58.50	32.49	9.9	OVR	3 5	16.4	738	14400	8511	5889	
SVE-31		6/22/2022	08:55	-56.20	32 60	11.3	OVR	3.1	16.8	789	17400	10321	7079	
SVE-31		7/20/2022	13:13	-65.30	NE	27.7	OVR	3.4	16.0	982	28700	17262	11438	
SVE-31		8/23/2022	13:34	-63.70	35 04	27.8	OVR	3 8	15.2	1015	27700	13529	14171	
SVE-31		9/20/2022	10:55	-65.20	NE	19.2	OVR	3 6	16.4	922	26500	13400	13100	
SVE-32	408 63-418.63 (25-35)	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-32		1/17/2022	13:44	-51.00	34 91	60.9	OVR	6.4	11.4	596	93110	65120	27990	
SVE-32		2/21/2022	10:51	-46.10	34 21	OVR	OVR	6 9	9.6	608	114000	81490	32510	
SVE-32		3/23/2022	11:18	-48.50	35 05	OVR	OVR	7 9	7.9	594	114000	81950	32050	
SVE-32		4/26/2022	11:34	-49.30	35 50	OVR	OVR	6.7	10.5	625	101000	78810	22190	
SVE-32		5/23/2022	15:16	-59.80	34 58	OVR	OVR	7 5	9.4	692	154000	112000	42000	
SVE-32		6/22/2022	08:43	-57.80	34 20	OVR	OVR	6.1	11.2	746	121000	83290	37710	
SVE-32		7/20/2022	13:50	-65.30	NE	OVR	OVR	7.7	8.7	715	143000	106000	37000	
SVE-32		8/23/2022	13:17	-77.30	NE	OVR	OVR	7 8	8.1	670	131000	93420	37580	
SVE-32		9/20/2022	10:44	-65.90	29 60	OVR	OVR	7 2	9.8	538	137000	100000	37000	
SVE-33	408.46-418.46 (25-35)	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-33		1/17/2022	13:58	-51.90	34 20	2.2	45	6 3	12.7	132	13130	11050	2080	
SVE-33		2/21/2022	10:41	-49.20	33 55	7.7	OVR	6.4	11.9	337	28220	22540	5680	
SVE-33		3/24/2022	09:54	-49.70	30 80	6.4	OVR	6 2	12.2	235	37370	22140	15230	
SVE-33		4/26/2022	11:20	-53.30	34 65	4.4	89	5 5	13.1	237	20520	16490	4030	
SVE-33		5/23/2022	15:05	-65.20	35 08	3.3	66	4.7	14.8	236	13800	12477	1323	
SVE-33		6/22/2022	08:38	-58.20	37 50	5.9	OVR	5 5	13.0	245	28440	23330	5110	
SVE-33		7/20/2022	12:57	-66.40	NE	0.2	5	5 3	13.5	40.6	1026	890	136	
SVE-33		8/23/2022	13:00	-67.70	37 51	2.7	54	6 3	11.6	144	14820	12180	2640	
SVE-33		9/20/2022	10:33	-66.40	NE	11.6	OVR	6.7	11.4	301	42200	31600	10600	
SVE-34	398.76-418.76 (25-45)	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.
SVE-34		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-35	402 84-412.84 (31-41)	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-35		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/21/2022	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)	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-36		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/21/2022	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)	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-37		1/17/2022	13:01	-43.00	34 66	0.0	1	2 0	19.1	7.7	85.2	37.3	47.9	
SVE-37		2/21/2022	11:27	-41.60	34 61	0.1	2	1 8	19.0	13.6	111	30.8	80.2	
SVE-37		3/24/2022	10:24	-42.10	35.75	0.1	3	1 8	19.1	18.2	334	179	155	
SVE-37		4/26/2022	12:25	-43.90	34 86	0.3	7	1.7	19.1	56.2	807	391	416	
SVE-37		5/23/2022	16:02	-52.70	34 03	0.3	6	1 2	19.7	45.2	618	236	382	
SVE-37		6/21/2022	13:27	-50.20	34.16	0.5	11	1 8	18.7	94.7	1276	480	796	
SVE-37		7/20/2022	13:41	-53.00	33.18	0.6	12	1 9	18.7	93.7	1650	826	824	
SVE-37		8/23/2022	14:06	-53.80	33.46	0.6	13	2 2	18.1	109	1566	959	607	
SVE-37		9/20/2022	11:26	-55.80	NE	0.6	12	2 2	18.6	95.2	1779	932	847	
SVE-38	409-419 (25-35)	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.
SVE-38		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		9/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-39	409.5-419.5 (25-35)	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-39		1/17/2022	14:36	-41.10	30 51	0.9	18	3.1	17.1	85.3	2667	1966	701	
SVE-39		2/21/2022	12:45	-36.41	30.18	1.1	23	3.1	16.8	133	2749	1848	901	
SVE-39		3/23/2022	14:26	-39.30	30 51	1.4	29	3 3	16.5	151	3748	2685	1063	
SVE-39		4/26/2022	14:11	-41.70	30 94	1.3	27	3 2	16.4	189	3834	2589	1245	
SVE-39		5/24/2022	08:40	-51.10	30 86	1.6	32	3.4	16.1	204	4622	2653	1969	
SVE-39		6/21/2022	07:54	-52.60	33.10	1.6	33	3.4	15.9	237	4166	2595	1571	
SVE-39		7/20/2022	14:15	-52.40	NE	1.7	34	3 5	15.8	222	4536	2980	1556	
SVE-39		8/24/2022	08:34	-54.30	NE	2.0	40	3.7	15.4	235	5546	3713	1833	
SVE-39		9/21/2022	08:19	-57.20	NE	1.4	29	3 8	15.7	177	5001	3348	1653	
SVE-40	409-419 (25-35)	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-40		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		9/21/2022	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)	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-41		1/18/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/23/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/25/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/21/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		7/20/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/24/2022	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/21/2022	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)	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.
SVE-42		1/18/2022	14:07	NM	34 85	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		2/21/2022	13:13	-0.12	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		3/24/2022	12:01	-0.03	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		4/27/2022	08:02	-0.77	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		5/25/2022	08:18	-0.69	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		6/20/2022	14:00	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		7/21/2022	08:21	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		8/24/2022	09:15	-1.96	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		9/21/2022	08:28	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-43	407.12-417.12 (25-35)	10/22/2021	13:44	0.00	NE	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	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		1/18/2022	14:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/21/2022	13:17	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/24/2022	12:07	-3.35	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		4/27/2022	08:09	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/25/2022	08:25	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/20/2022	14:10	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		7/21/2022	08:16	-0.09	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/24/2022	09:18	-0.11	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/21/2022	08:37	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44	407.46-417.46 (25-35)	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-44		1/18/2022	13:54	NM	34 59	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/21/2022	13:20	-0.01	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/24/2022	12:16	-0.09	34 80	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		4/27/2022	08:12	-0.15	34 84	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/25/2022	08:29	-0.48	34 82	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/20/2022	14:17	-0.53	34 53	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		7/21/2022	08:10	-0.81	34.43	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/24/2022	09:22	-0.52	34.43	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/21/2022	08:46	-0.60	34.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	400 58-405.58 (37-42)	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-45		1/18/2022	13:46	NM	38 38	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		2/21/2022	13:23	-0.05	38 69	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		3/23/2022	14:38	-12.10	38 85	0.1	3	0 6	20.4	14.7	325	207	118	
SVE-45		4/26/2022	12:46	-18.10	38.72	0.1	3	0 8	20.0	39.2	266	104	162	
SVE-45		5/24/2022	07:59	-18.00	38 02	0.0	1	1 2	20.0	15.8	93.3	28.9	64.4	
SVE-45		6/21/2022	08:26	-18.90	37 80	0.0	1	1 5	19.7	20.7	108	29.6	78.4	
SVE-45		7/20/2022	14:41	-18.38	37 63	0.3	6	1 5	19.7	76.7	485	47.9	437.1	
SVE-45		8/24/2022	09:02	-21.81	37 37	0.0	1	1.1	19.0	29.3	138	28.4	109 6	
SVE-45		9/21/2022	08:55	-13.80	38 06	0.0	0	1.4	19.8	24.2	280	150	130	
SVE-46	417 85-427.85 (15-25)	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	NM	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.
SVE-46		1/18/2022	13:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/21/2022	13:09	-0.09	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/24/2022	11:54	-0.20	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/27/2022	08:27	-0.23	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/25/2022	08:14	-0.85	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/20/2022	14:29	-0.74	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		7/21/2022	08:02	-0.90	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/24/2022	09:31	-0.49	24 87	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/21/2022	09:23	-0.70	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-47	419 01-429.01 (15-25)	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.
SVE-47		1/18/2022	13:32	NM	24 94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		2/21/2022	13:06	-0.01	24 56	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		3/24/2022	11:45	0.00	24 68	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		4/27/2022	08:23	0.00	24.76	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		5/25/2022	08:10	0.00	24.48	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		6/20/2022	14:23	0.00	23.15	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		7/21/2022	07:55	0.00	23 09	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		8/24/2022	09:28	0.00	22.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		9/21/2022	09:31	0.00	22 55	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.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	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-1-5	1/18/2022	09:40	-0.85	-0.57	0.0	0	0.1	20.8	0.0	6.8	6.8	0.0	
VMP-1-5	2/21/2022	15 00	-0.85	-0.44	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-5	3/24/2022	09:45	-1.26	-0.58	0.0	0	0.1	20.6	0.0	1.9	1.9	0.0	
VMP-1-5	4/26/2022	10 25	-0.25	-0.62	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-5	5/25/2022	09 53	-0.98	-0.56	0.0	0	0 2	20.4	0.0	0.0	0.0	0.0	
VMP-1-5	6/21/2022	12 53	-1.55	-0.44	0.0	0	0 3	20.2	0.0	0.0	0.0	0.0	
VMP-1-5	7/20/2022	13 35	-0.95	-0.42	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-1-5	8/24/2022	08 25	-1.06	-0.53	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-1-5	9/21/2022	11 30	-1.05	-0.69	0.0	0	0 5	20.1	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-1-8.5	1/18/2022	09:41	-2.17	-0.55	0.0	0	0 0	20.9	0.0	0.8	0.8	0.0	
VMP-1-8.5	1/18/2022	09:41	NM	NM	0.0	0	0 0	20.9	0.0	0.3	0.3	0.0	Duplicate sample.
VMP-1-8.5	2/21/2022	15 01	-0.65	-0.60	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	3/24/2022	09:46	-2.44	-0.74	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-1-8.5	4/26/2022	10 26	-1.52	-0.63	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	5/25/2022	09 54	-1.02	-0.74	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-1-8.5	6/21/2022	12 54	-0.47	-0.46	0.0	0	0.1	20.5	0.1	0.4	0.0	0.4	
VMP-1-8.5	7/20/2022	13 36	-0.62	-0.45	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-1-8.5	8/24/2022	08 26	-1.06	-0.53	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-1-8.5	9/21/2022	11 31	-3.55	-0.70	0.0	0	0 2	20.4	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	
VMP-1-23.5	1/18/2022	09:42	-10.50	-0.36	0.0	0	0 0	20.9	0.0	1.2	1.2	0.0	
VMP-1-23.5	2/21/2022	15 02	-2.25	-0.92	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-23.5	3/24/2022	09:47	-2.54	-1.04	0.0	0	0 0	20.8	0.0	0.4	0.4	0.0	
VMP-1-23.5	4/26/2022	10 27	-2.99	-0.98	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-23.5	5/25/2022	09 55	-0.90	-1.75	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-23.5	6/21/2022	12 56	-0.45	-0.43	0.0	0	0.1	20.4	0.0	1.0	0.0	1.0	
VMP-1-23.5	7/20/2022	13 37	-0.45	-0.40	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-1-23.5	8/24/2022	08 27	3.20	-0.41	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-23.5	9/21/2022	11 32	-10.94	-0.72	0.0	0	0.1	20.4	1.0	1.5	0.0	1.5	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-38.5	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-1-38.5	1/18/2022	09:43	-1.07	-0.66	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-38.5	2/21/2022	15 03	-0.85	-1.05	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-38.5	3/24/2022	09:48	-1.04	-1.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-38.5	4/26/2022	10 28	-1.63	-0.94	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-1-38.5	5/25/2022	09 56	-2.04	-1.22	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-1-38.5	6/21/2022	12 56	-0.16	-0.63	0.0	0	0 3	20.2	0.0	0.0	0.0	0.0	
VMP-1-38.5	7/20/2022	13 38	-0.59	-0.59	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-1-38.5	8/24/2022	08 28	-1.06	-0.94	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	9/21/2022	11 33	-0.74	-0.74	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-1-38.5	9/21/2022	11 33	NM	NM	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
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-2-5	1/18/2022	09 55	-0.22	0.39	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-2-5	2/22/2022	10:10	-0.12	-0.11	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-2-5	3/24/2022	10 00	-0.11	-0.12	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-2-5	4/26/2022	10:40	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	5/25/2022	10 37	-0.11	-0.12	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	5/25/2022	10 37	NM	NM	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-5	6/21/2022	13 25	0.00	-0.09	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-2-5	7/20/2022	14 00	0.00	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-2-5	8/24/2022	08 50	0.00	0.00	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	9/21/2022	10 55	0.00	0.00	0.0	0	0.1	20.6	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	
VMP-2-8.5	1/18/2022	09 56	-0.58	-0.55	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-8.5	1/18/2022	09 56	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-8.5	2/22/2022	10:11	-0.75	-0.79	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-8.5	3/24/2022	10 01	-0.96	-0.73	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	4/26/2022	10:41	-0.74	-0.73	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/25/2022	10 38	-0.86	-0.82	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	6/21/2022	13 26	-0.58	-0.73	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	7/20/2022	14 01	-0.67	-0.67	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-2-8.5	7/20/2022	14 02	NM	NM	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-8.5	8/24/2022	08 51	-0.74	-0.72	0.0	0	1 0	20.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	9/21/2022	10 56	-0.61	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-2-22	1/18/2022	09 57	-2.73	-2.66	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-2-22	2/22/2022	10:12	-3.05	-3.12	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-2-22	2/22/2022	10:12	NM	NM	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	3/24/2022	10 03	0.00	0.43	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-2-22	4/26/2022	10:42	-3.13	-3.07	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-2-22	5/25/2022	10 39	-2.38	-3.29	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	6/21/2022	13 27	-2.85	-3.05	0.0	0	0 8	19.9	0.0	3.4	3.4	0.0	
VMP-2-22	7/20/2022	14 02	-3.11	-3.03	0.0	0	0 9	19.9	0.0	6.3	6.3	0.0	
VMP-2-22	8/24/2022	08 52	-3.41	-3.36	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-2-22	9/21/2022	10 57	-0.23	-2.51	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-2-42	10/21/2021	13 08	32.32	1.00	OVR	OVR	8 9	0.6	228	500000	500000	0.0	FID 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-2-42	1/18/2022	09 58	-15.00	1.20	OVR	OVR	9.1	0.8	216	500000	500000	0.0	FID flame-out occurred on THC and methane scrubber. 10:1 dilution probe was used.
VMP-2-42	2/22/2022	10:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/24/2022	10 03	0.00	0.43	OVR	OVR	9.1	1.1	148	500000	500000	0.0	FID flame-out occurred on THC and methane scrubber.
VMP-2-42	4/26/2022	10:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/25/2022	10:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/21/2022	13 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/20/2022	14 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/24/2022	08 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/21/2022	10 58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-3-5	1/18/2022	10:11	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-3-5	2/22/2022	09 54	0.00	0.00	0.0	0	0.1	20.3	0.0	0.0	0.0	0.0	
VMP-3-5	3/24/2022	12:40	0.83	0.00	0.0	0	0 0	18.4	0.0	0.0	0.0	0.0	
VMP-3-5	4/26/2022	11 55	0.00	0.00	0.0	0	0 2	17.8	0.0	0.0	0.0	0.0	
VMP-3-5	5/25/2022	12 51	-0.09	-0.11	0.0	0	2 5	17.9	0.0	0.0	0.0	0.0	
VMP-3-5	6/22/2022	10 05	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-5	7/21/2022	09 30	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-3-5	8/24/2022	09 30	0.00	0.00	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-3-5	9/21/2022	09 50	0.00	0.00	0.0	0	0 0	20.8	0.0	0.7	0.7	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-10	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-3-10	1/18/2022	10:12	-0.30	0.00	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-3-10	2/22/2022	09 55	0.00	0.00	0.0	0	0 3	19.6	0.0	0.0	0.0	0.0	
VMP-3-10	3/24/2022	12:41	-0.40	-0.10	0.0	0	0 2	20.0	0.0	0.0	0.0	0.0	
VMP-3-10	4/26/2022	11 56	-1.19	-0.09	0.0	0	0.4	19.1	0.0	0.0	0.0	0.0	
VMP-3-10	5/25/2022	12 52	-1.88	-0.13	0.0	0	2 3	17.9	0.0	0.0	0.0	0.0	
VMP-3-10	5/25/2022	12 52	NM	NM	0.0	0	2 3	17.9	0.0	0.0	0.0	0.0	
VMP-3-10	6/22/2022	10 06	-0.49	-0.22	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-3-10	7/21/2022	09 31	-0.21	-0.22	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-3-10	8/24/2022	09 31	-0.22	-0.20	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-10	9/21/2022	09 51	-0.14	-0.14	0.0	0	0.1	20.8	0.0	0.8	0.8	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-3-22	1/18/2022	10:13	0.00	-0.19	0.0	0	1 3	19.9	0.0	0.0	0.0	0.0	
VMP-3-22	2/22/2022	09 56	-0.53	-0.54	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-3-22	3/24/2022	12:42	-0.29	-0.35	0.0	0	0 8	20.2	0.0	0.0	0.0	0.0	
VMP-3-22	4/26/2022	11 57	-0.42	-0.43	0.0	0	0 9	19.7	0.0	0.0	0.0	0.0	
VMP-3-22	5/25/2022	12 53	-0.20	-0.27	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-3-22	6/22/2022	10 07	-0.48	-0.58	0.0	0	1 6	19.2	0.0	0.0	0.0	0.0	
VMP-3-22	7/21/2022	09 32	-0.49	-0.49	0.0	0	1 9	19.1	0.0	0.0	0.0	0.0	
VMP-3-22	7/21/2022	09 32	NM	NM	0.0	0	2 0	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-3-22	8/24/2022	09 32	-0.54	-0.53	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-3-22	9/21/2022	09 52	-0.39	-0.35	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
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	
VMP-3-31.5	1/18/2022	10:14	-1.22	-1.06	0.0	0	5.7	14.1	0.1	0.0	0.0	0.0	
VMP-3-31.5	1/18/2022	10:14	NM	NM	0.0	0	5 6	14.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-3-31.5	2/22/2022	09 57	-1.56	-1.54	0.0	0	5 8	13.7	0.0	0.0	0.0	0.0	
VMP-3-31.5	3/24/2022	12:43	-1.11	-1.27	0.0	0	4 6	15.5	0.0	0.0	0.0	0.0	
VMP-3-31.5	4/26/2022	11 58	-1.31	-1.28	0.0	0	3 0	17.5	0.0	0.0	0.0	0.0	
VMP-3-31.5	5/25/2022	12 54	-0.50	-0.35	0.0	0	3.4	15.9	0.0	0.0	0.0	0.0	
VMP-3-31.5	6/21/2022	10 08	-1.68	-1.77	0.0	0	2 9	17.2	0.0	0.0	0.0	0.0	
VMP-3-31.5	7/21/2022	09 33	-1.44	-1.77	0.0	0	3 2	16.7	0.0	0.0	0.0	0.0	
VMP-3-31.5	8/24/2022	09 33	-1.72	-1.81	0.0	0	4.7	14.0	0.0	0.0	0.0	0.0	
VMP-3-31.5	9/21/2022	09 53	-1.60	-1.53	0.0	0	4 2	14.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	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-3-39	1/18/2022	10:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/22/2022	09 58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	3/24/2022	12:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/26/2022	11 59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/25/2022	12 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/22/2022	10 09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/21/2022	09 34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/24/2022	09 34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/21/2022	09 54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-4-5	1/18/2022	09 07	0.16	-0.19	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	2/22/2022	08 33	0.24	-0.18	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	3/24/2022	12 00	-0.09	-0.15	0.0	0	0 8	20.0	0.0	0.0	0.0	0.0	
VMP-4-5	4/26/2022	12 32	-0.16	-0.10	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-4-5	5/25/2022	10 20	-0.09	-0.13	0.0	0	0 6	20.1	0.0	0.0	0.0	0.0	
VMP-4-5	6/22/2022	13:45	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-4-5	7/21/2022	11 20	0.00	0.00	0.0	0	1 2	19.8	0.0	0.0	0.0	0.0	
VMP-4-5	8/24/2022	13:45	0.00	0.00	0.0	0	1 8	19.6	0.0	0.0	0.0	0.0	
VMP-4-5	9/20/2022	14 05	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-4-5	9/20/2022	14 05	NM	NM	0.0	0	1.1	20.0	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	
VMP-4-12	1/18/2022	09 08	0.00	0.00	0.0	0	1 5	19.9	0.0	0.0	0.0	0.0	
VMP-4-12	2/22/2022	08 34	-0.11	-0.11	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-4-12	3/24/2022	12 01	-0.15	-0.15	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	4/26/2022	12 33	-0.15	-0.12	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-4-12	5/25/2022	10 21	-0.11	0.00	0.0	0	1 8	19.2	0.0	0.0	0.0	0.0	
VMP-4-12	6/22/2022	13:46	-0.13	-0.09	0.0	0	2 2	18.8	0.0	0.0	0.0	0.0	
VMP-4-12	7/21/2022	11 21	0.00	0.00	0.0	0	2.7	18.4	0.0	0.0	0.0	0.0	
VMP-4-12	8/24/2022	13:46	0.00	0.00	0.0	0	3 0	17.4	0.0	0.0	0.0	0.0	
VMP-4-12	9/20/2022	14 06	0.00	0.00	0.0	0	3 2	18.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-23.5	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-4-23.5	1/18/2022	09 09	-0.89	-2.78	0.0	0	2 9	18.4	0.0	0.0	0.0	0.0	
VMP-4-23.5	2/22/2022	08 35	-2.51	-2.46	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-4-23.5	2/22/2022	08 35	NM	NM	0.0	0	2.4	18.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-23.5	3/24/2022	12 02	-2.33	-2.23	0.0	0	2 9	17.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	4/26/2022	12 34	-2.90	-2.72	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-4-23.5	5/25/2022	10 22	-2.86	-2.67	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	6/22/2022	13:47	-3.39	-3.32	0.0	0	1 8	18.6	0.0	0.0	0.0	0.0	
VMP-4-23.5	7/21/2022	11 22	-2.32	-2.31	0.0	0	1 8	18.7	0.0	0.0	0.0	0.0	
VMP-4-23.5	8/24/2022	13:47	-2.60	-2.58	0.0	0	2.7	16.3	0.0	0.0	0.0	0.0	
VMP-4-23.5	9/20/2022	14 07	-2.12	-2.12	0.0	0	3 3	17.0	0.0	0.0	0.0	0.0	
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-4-39	1/18/2022	09:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/22/2022	08 36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/24/2022	12 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/26/2022	12 35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/25/2022	10 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/22/2022	13:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/21/2022	11 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/24/2022	13:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/20/2022	14 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-5-5	1/18/2022	08:14	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	2/21/2022	14 22	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	3/24/2022	10:47	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	4/26/2022	11 05	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	5/25/2022	09:45	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-5-5	6/22/2022	13 38	0.00	0.00	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-5-5	7/21/2022	11 54	0.00	0.00	0.0	0	0 9	20.0	0.0	0.0	0.0	0.0	
VMP-5-5	8/24/2022	09 33	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-5-5	8/24/2022	09 33	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-5	9/20/2022	13 38	0.00	0.00	0.0	0	0 8	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12.5	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-5-12.5	1/18/2022	08:15	-0.12	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	1/18/2022	08:15	NM	NM	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-12.5	2/21/2022	14 23	0.00	0.00	0.0	0	0 3	20.3	0.0	0.0	0.0	0.0	
VMP-5-12.5	3/24/2022	10:48	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	3/24/2022	10:48	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-12.5	4/26/2022	11 06	0.00	0.28	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-5-12.5	5/25/2022	09:46	0.00	0.00	0.0	0	0 8	19.9	0.0	0.0	0.0	0.0	
VMP-5-12.5	6/22/2022	13 39	0.00	0.00	0.0	0	1 2	19.9	0.0	0.0	0.0	0.0	
VMP-5-12.5	7/21/2022	11 55	0.00	0.00	0.0	0	1 9	19.0	0.0	0.0	0.0	0.0	
VMP-5-12.5	8/24/2022	09 34	0.00	0.00	0.0	0	2.7	18.3	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/20/2022	13 39	0.00	0.00	0.0	0	1 9	19.4	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/20/2022	13 39	NM	NM	0.0	0	1 9	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
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-5-31	1/18/2022	08:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-31	2/21/2022	14 24	0.00	0.00	0.0	0	2 0	19.3	0.0	0.0	0.0	0.0	
VMP-5-31	3/24/2022	10:49	-0.56	-0.49	0.0	0	1 8	19.4	0.0	0.0	0.0	0.0	
VMP-5-31	4/26/2022	11 07	-0.50	-0.55	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-5-31	5/25/2022	09:47	-0.48	-0.30	0.0	0	1 8	19.0	0.0	0.0	0.0	0.0	
VMP-5-31	6/22/2022	13:40	-0.52	-0.49	0.0	0	1 9	18.8	0.0	0.0	0.0	0.0	
VMP-5-31	7/21/2022	11 56	-0.38	-0.36	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-5-31	8/24/2022	09 35	-0.56	-0.54	0.0	0	2 3	18.5	0.0	0.0	0.0	0.0	
VMP-5-31	9/20/2022	13:40	-0.28	-0.16	0.0	0	2 5	18.5	0.0	0.0	0.0	0.0	
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	
VMP-5-40	1/18/2022	08:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	2/21/2022	14 25	0.16	0.00	0.0	0	2 0	19.2	0.0	0.0	0.0	0.0	
VMP-5-40	3/24/2022	10 50	-0.56	-0.51	0.0	0	1 6	19.3	0.0	0.5	0.5	0.0	
VMP-5-40	4/26/2022	11 08	-0.50	-0.41	0.0	0	0 9	20.0	0.0	0.4	0.4	0.0	
VMP-5-40	5/25/2022	09:48	-0.49	-0.31	0.0	0	2 0	18.9	0.0	0.0	0.0	0.0	
VMP-5-40	6/22/2022	13:41	-0.52	-0.51	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-5-40	7/21/2022	11 57	-0.40	0.00	0.0	0	2 2	18.6	0.0	0.0	0.0	0.0	
VMP-5-40	8/24/2022	09 36	-0.55	-0.54	0.0	0	2 3	18.5	0.0	0.0	0.0	0.0	
VMP-5-40	9/20/2022	13:41	-0.15	-0.29	0.0	0	2 6	18.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-6-5	1/17/2022	13 35	0.00	0.00	0.0	0	0 9	20.3	0.0	0.0	0.0	0.0	
VMP-6-5	2/21/2022	13:40	0.00	0.00	0.0	0	2 3	18.9	0.0	0.0	0.0	0.0	
VMP-6-5	3/24/2022	09 21	0.00	0.00	0.0	0	1 0	19.3	0.4	1.0	0.0	1.0	
VMP-6-5	4/26/2022	10 05	0.00	0.00	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-6-5	5/25/2022	08 33	0.00	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-6-5	5/25/2022	08 33	NM	NM	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-5	6/22/2022	12 05	0.00	0.00	0.0	0	1 9	19.1	0.0	0.0	0.0	0.0	
VMP-6-5	7/20/2022	14:18	0.00	0.00	0.0	0	4 5	16.2	0.0	0.0	0.0	0.0	
VMP-6-5	8/24/2022	08 30	0.00	0.00	0.0	0	3.1	18.5	0.0	0.0	0.0	0.0	
VMP-6-5	8/24/2022	08 30	NM	NM	0.0	0	3 0	18.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-5	9/20/2022	11:15	0.00	0.00	0.0	0	3.1	18.4	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-6-10	1/17/2022	13 36	0.00	-0.09	0.0	0	2 0	19.6	0.0	0.0	0.0	0.0	
VMP-6-10	2/21/2022	13:41	0.17	0.09	0.0	0	2 5	18.7	0.0	0.0	0.0	0.0	
VMP-6-10	3/24/2022	09 27	0.00	0.00	0.0	0	1 8	19.3	0.0	0.0	0.0	0.0	
VMP-6-10	4/26/2022	10 06	0.00	0.00	0.0	0	1 2	20.0	0.0	0.0	0.0	0.0	
VMP-6-10	5/25/2022	08 34	0.00	0.00	0.0	0	2 0	19.1	0.0	0.0	0.0	0.0	
VMP-6-10	6/22/2022	12 06	0.00	0.00	0.0	0	2 5	18.4	0.0	0.0	0.0	0.0	
VMP-6-10	7/20/2022	14:19	-0.25	0.00	0.0	0	3 8	16.9	0.0	0.0	0.0	0.0	
VMP-6-10	8/24/2022	08 31	0.00	0.00	0.0	0	2 9	18.3	0.0	0.0	0.0	0.0	
VMP-6-10	9/20/2022	11:16	0.00	0.00	0.0	0	2.7	18.7	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	
VMP-6-31.5	1/17/2022	13 37	-0.15	-0.23	0.0	0	4 5	17.1	0.0	0.0	0.0	0.0	
VMP-6-31.5	2/21/2022	13:42	0.32	0.20	0.0	0	4.1	17.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	3/24/2022	09 24	-0.10	-0.12	0.0	0	4 2	16.9	0.0	0.0	0.0	0.0	
VMP-6-31.5	4/26/2022	10 07	-0.13	0.00	0.0	0	3 8	17.3	0.0	0.0	0.0	0.0	
VMP-6-31.5	5/25/2022	08 36	0.00	0.00	0.0	0	3 9	17.1	0.0	0.0	0.0	0.0	
VMP-6-31.5	6/22/2022	12 07	0.00	0.00	0.0	0	3 9	16.9	0.0	0.0	0.0	0.0	
VMP-6-31.5	7/20/2022	14 20	-0.25	0.00	0.0	0	4 3	16.3	0.0	0.0	0.0	0.0	
VMP-6-31.5	8/24/2022	08 32	-0.17	0.00	0.0	0	4 8	15.6	0.0	0.0	0.0	0.0	
VMP-6-31.5	9/20/2022	11:17	0.00	0.00	0.0	0	5 0	15.3	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-6-39	1/17/2022	13 38	0.00	-0.19	2.0	40	5 0	15.9	146	9283	8787	496	
VMP-6-39	1/17/2022	13 38	NM	NM	2.1	43	5 2	15.7	159	9656	9271	385	Duplicate sample.
VMP-6-39	2/21/2022	13:43	0.33	0.21	80.9	OVR	5.4	13.5	715	95160	82560	12600	
VMP-6-39	3/24/2022	09 24	-0.12	-0.14	52.7	OVR	5 3	14.0	713	71380	48760	22620	
VMP-6-39	4/26/2022	10 08	-0.14	0.00	0.0	0	4 0	17.2	0.0	0.0	0.0	0.0	
VMP-6-39	5/25/2022	08 36	0.00	0.00	0.0	0	4 2	16.7	0.0	0.0	0.0	0.0	
VMP-6-39	6/22/2022	12 08	0.00	0.00	0.0	0	4 2	16.6	0.0	0.0	0.0	0.0	
VMP-6-39	7/20/2022	14 21	0.00	0.00	0.0	1	1.7	19.1	0.2	424	424	0.0	
VMP-6-39	7/21/2022	10:42	0.00	NM	0.0	1	1 8	19.0	3.1	462	462	0.0	Re-sampled to confirm results of initial sample.
VMP-6-39	8/24/2022	08 33	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-6-39	9/20/2022	11:18	0.00	0.00	1.3	25	1.7	19.3	205	4200	2352	1848	
VMP-6-39	9/21/2022	08:45	-0.10	NM	1.1	23	1 5	19.2	175	4235	3080	1155	Re-sampled to confirm results of initial sample.
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-7-5	1/17/2022	13 06	-0.31	0.00	0.0	0	0 8	20.1	0.0	0.0	0.0	0.0	
VMP-7-5	2/21/2022	13:16	0.32	-0.17	0.0	0	0 8	20.0	0.4	2.5	2.5	0.0	
VMP-7-5	3/24/2022	08 34	-2.48	0.00	0.0	0	0 9	20.0	0.1	2.7	2.7	0.0	
VMP-7-5	4/26/2022	09 50	-1.10	0.00	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-7-5	4/26/2022	09 50	NM	NM	0.0	0	1 0	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	5/25/2022	08:10	-0.71	0.00	0.0	0	1 5	19.5	0.3	16.6	16.6	0.0	
VMP-7-5	6/22/2022	11:40	-0.31	0.00	0.0	0	2.1	18.7	1.2	0.0	0.0	0.0	
VMP-7-5	7/20/2022	13 33	-0.70	0.00	0.0	0	2 9	17.0	0.5	0.0	0.0	0.0	
VMP-7-5	8/23/2022	14:18	-0.10	0.00	0.0	0	3 3	17.0	0.0	0.0	0.0	0.0	
VMP-7-5	9/20/2022	10 55	-0.26	-0.38	0.0	0	3.7	16.5	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	
VMP-7-13.5	1/17/2022	13 07	0.36	-0.14	0.0	0	1 3	19.7	0.0	0.0	0.0	0.0	
VMP-7-13.5	2/21/2022	13:17	0.00	-0.14	0.0	0	1 9	19.1	0.0	0.0	0.0	0.0	
VMP-7-13.5	3/24/2022	08 35	-3.65	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-7-13.5	4/26/2022	09 51	-1.00	0.00	0.0	0	1 0	19.9	0.0	0.0	0.0	0.0	
VMP-7-13.5	5/25/2022	08:11	0.00	-0.12	0.0	0	2.1	18.6	0.0	3.6	3.6	0.0	
VMP-7-13.5	5/25/2022	08:11	NM	NM	0.0	0	2.1	18.6	0.0	3.7	3.7	0.0	Duplicate sample.
VMP-7-13.5	6/22/2022	11:41	-0.39	0.00	0.0	0	2 2	18.3	0.3	0.0	0.0	0.0	
VMP-7-13.5	7/20/2022	13 34	-0.43	0.00	0.0	0	2 8	17.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	8/23/2022	14:19	-0.49	0.45	0.0	0	3 3	16.7	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/20/2022	10 56	0.00	0.00	0.0	0	3.7	16.3	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-7-29.5	1/17/2022	13 08	0.00	-0.17	0.0	0	3 2	18.0	0.0	7.3	7.3	0.0	
VMP-7-29.5	2/21/2022	13:18	0.40	0.14	0.0	0	3.1	18.0	0.0	5.0	5.0	0.0	
VMP-7-29.5	3/24/2022	08 36	-1.70	0.00	0.0	0	2 9	18.0	0.0	0.0	0.0	0.0	
VMP-7-29.5	4/26/2022	09 52	-0.67	1.54	0.0	0	2 9	18.0	0.0	0.0	0.0	0.0	
VMP-7-29.5	5/25/2022	08:12	0.00	0.00	0.0	0	3 0	17.5	0.1	35.2	35.2	0.0	
VMP-7-29.5	6/22/2022	11:42	-0.88	0.00	0.0	0	2 8	17.6	0.0	1.5	1.5	0.0	
VMP-7-29.5	7/20/2022	13 35	-0.40	0.00	0.0	0	3 2	16.8	0.2	0.0	0.0	0.0	
VMP-7-29.5	7/20/2022	13 35	NM	NM	0.0	0	3 2	16.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	8/23/2022	14 20	0.09	0.12	0.0	0	3 6	16.3	0.0	0.0	0.0	0.0	
VMP-7-29.5	9/20/2022	10 57	-0.78	0.00	0.0	0	3.4	16.7	0.5	1.5	0.6	0.9	
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-7-38	1/17/2022	13 09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	2/21/2022	13:19	0.30	0.23	0.0	0	3 2	17.8	0.5	0.0	0.0	0.0	
VMP-7-38	3/24/2022	08 37	-0.60	0.00	0.0	0	3 2	17.7	0.0	0.0	0.0	0.0	
VMP-7-38	4/26/2022	09 53	-1.04	0.09	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-7-38	5/25/2022	08:13	0.00	0.45	0.0	0	3.1	17.6	0.1	31.1	31.1	31.1	
VMP-7-38	6/22/2022	11:43	-0.72	0.00	0.0	0	3 0	17.4	0.0	0.0	0.0	0.0	
VMP-7-38	7/20/2022	13 36	-1.09	0.00	0.0	0	3 2	16.6	0.0	0.0	0.0	0.0	
VMP-7-38	8/23/2022	14 21	-1.02	0.36	0.0	0	3 5	16.2	0.0	0.0	0.0	0.0	
VMP-7-38	9/20/2022	10 58	0.00	0.00	0.0	0	3 6	16.2	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	
VMP-9-5	1/17/2022	11 20	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-9-5	2/21/2022	11 25	0.00	0.00	0.0	0	0 5	19.9	0.0	0.0	0.0	0.0	
VMP-9-5	3/23/2022	13 07	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	4/25/2022	14:13	0.00	0.00	0.0	0	0 8	19.9	0.0	0.0	0.0	0.0	
VMP-9-5	5/24/2022	11 32	0.00	0.00	0.0	0	1 8	18.5	0.0	0.0	0.0	0.0	
VMP-9-5	6/21/2022	13 35	0.00	0.00	0.0	0	3 2	17.5	0.0	0.0	0.0	0.0	
VMP-9-5	7/20/2022	12 07	0.00	0.00	0.0	0	4.1	16.5	0.0	0.0	0.0	0.0	
VMP-9-5	8/23/2022	14 05	0.00	0.00	0.0	0	3.7	17.4	0.0	0.0	0.0	0.0	
VMP-9-5	9/20/2022	10:40	0.00	0.00	0.0	0	4 0	17.3	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-9-11.5	1/17/2022	11 21	-0.13	0.00	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	2/21/2022	11 32	0.00	0.16	0.0	0	1 0	19.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	3/23/2022	13 08	0.00	-0.09	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	4/25/2022	14:15	0.00	0.00	0.0	0	1 0	19.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	5/24/2022	11 33	0.00	0.00	0.0	0	1 6	18.8	0.0	0.0	0.0	0.0	
VMP-9-11.5	6/21/2022	13 36	0.12	0.00	0.0	0	2.1	18.2	0.0	0.0	0.0	0.0	
VMP-9-11.5	7/20/2022	12 08	0.00	0.00	0.0	0	2 8	17.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	8/23/2022	14 06	0.00	0.00	0.0	0	3.7	16.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/20/2022	10:41	0.00	0.00	0.0	0	4.1	16.6	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-9-25.5	1/17/2022	11 22	-0.20	0.00	0.0	0	2 2	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	2/21/2022	11 34	0.00	0.32	0.0	0	2 2	18.9	0.0	0.0	0.0	0.0	
VMP-9-25.5	2/21/2022	11 34	NM	NM	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	3/23/2022	13 09	-0.18	-0.21	0.0	0	1 9	19.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	4/25/2022	14:16	-0.10	-0.16	0.0	0	1 8	19.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	5/24/2022	11 36	0.00	0.00	0.0	0	1.7	18.9	0.0	0.0	0.0	0.0	
VMP-9-25.5	6/21/2022	13 37	0.18	0.00	0.0	0	1 8	18.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	7/20/2022	12 09	0.00	0.00	0.0	0	1 9	18.5	0.0	0.0	0.0	0.0	
VMP-9-25.5	8/23/2022	14 07	0.00	0.11	0.0	0	2 2	17.8	0.0	0.0	0.0	0.0	
VMP-9-25.5	9/20/2022	10:42	0.00	0.00	0.0	0	1 5	19.2	0.0	0.0	0.0	0.0	
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	
VMP-9-38.5	1/17/2022	11 23	-0.48	0.00	0.0	0	2 8	18.4	0.0	0.0	0.0	0.0	
VMP-9-38.5	1/17/2022	11 23	NM	NM	0.0	0	2 9	18.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-38.5	2/21/2022	11 34	0.00	0.31	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-9-38.5	3/23/2022	13:10	-0.18	-0.21	0.0	0	2.4	18.7	0.7	0.0	0.0	0.0	
VMP-9-38.5	4/25/2022	14:18	-0.61	-0.17	0.0	0	2 2	18.8	0.0	0.0	0.0	0.0	
VMP-9-38.5	5/24/2022	11 38	0.10	0.00	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-9-38.5	6/21/2022	13 38	0.17	0.00	0.0	0	2.1	18.4	5.0	5.0	0.0	5.0	
VMP-9-38.5	7/20/2022	12:10	0.00	0.00	0.0	0	2 0	18.5	6.2	6.1	0.0	6.1	
VMP-9-38.5	8/23/2022	14 08	0.00	0.11	0.0	0	2 2	18.8	0.0	0.0	0.0	0.0	
VMP-9-38.5	9/20/2022	10:43	0.00	0.00	0.0	0	2 2	17.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-10-5	1/17/2022	09 53	0.28	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	2/21/2022	09 33	0.46	0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-5	3/23/2022	10:45	0.00	0.00	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-10-5	4/25/2022	09 59	-0.24	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-10-5	5/24/2022	10 05	0.00	0.00	0.0	0	1 0	19.6	0.0	0.0	0.0	0.0	
VMP-10-5	6/22/2022	09:40	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-10-5	7/21/2022	08:19	0.00	0.00	0.0	0	1 3	19.8	0.0	0.0	0.0	0.0	
VMP-10-5	8/23/2022	10 05	0.00	0.00	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	
VMP-10-5	9/20/2022	08:12	0.00	0.00	0.0	0	1 0	20.0	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-10-10	1/17/2022	09 54	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	2/21/2022	09 34	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	3/23/2022	10:46	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	4/25/2022	10 00	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-10-10	5/24/2022	10 06	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-10-10	6/22/2022	09:41	0.00	0.00	0.0	0	1 0	19.7	0.0	0.0	0.0	0.0	
VMP-10-10	7/21/2022	08 20	0.00	0.00	0.0	0	1 2	19.3	0.0	0.0	0.0	0.0	
VMP-10-10	8/23/2022	10 06	0.00	0.00	0.0	0	1 6	19.2	0.0	0.0	0.0	0.0	
VMP-10-10	8/23/2022	10 06	NM	NM	0.0	0	1 6	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-10	9/20/2022	08:13	0.00	0.00	0.0	0	1 3	19.6	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	
VMP-10-20	1/17/2022	09 55	-0.10	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-20	2/21/2022	09 34	0.00	0.00	0.0	0	0 2	20.8	0.0	0.0	0.0	0.0	
VMP-10-20	3/23/2022	10:47	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-10-20	4/25/2022	10 01	0.00	0.00	0.0	0	0 2	20.4	0.0	0.0	0.0	0.0	
VMP-10-20	5/24/2022	10 07	0.00	0.00	0.0	0	0 3	19.5	0.0	0.0	0.0	0.0	
VMP-10-20	6/22/2022	09:42	0.00	0.00	0.0	0	0 6	19.4	0.0	0.0	0.0	0.0	
VMP-10-20	7/21/2022	08 21	0.00	0.00	0.0	0	0 9	19.2	0.0	0.0	0.0	0.0	
VMP-10-20	8/23/2022	10 07	0.00	0.00	0.0	0	1 2	18.9	0.0	0.0	0.0	0.0	
VMP-10-20	9/20/2022	08:14	0.00	0.00	0.0	0	1.4	18.9	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-10-30	1/17/2022	09 56	-0.11	-0.14	0.0	0	0 6	20.5	0.0	3.9	3.9	0.0	
VMP-10-30	2/21/2022	09 36	0.00	0.00	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-10-30	3/23/2022	10:48	0.00	0.00	0.0	0	0 5	20.2	0.0	0.0	0.0	0.0	
VMP-10-30	4/25/2022	10 02	0.00	0.00	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-10-30	5/24/2022	10 08	0.10	0.00	0.0	0	0.4	19.5	0.0	0.0	0.0	0.0	
VMP-10-30	6/22/2022	09:43	0.00	0.00	0.0	0	0 5	19.2	0.0	0.0	0.0	0.0	
VMP-10-30	7/21/2022	08 22	0.00	0.00	0.0	0	0 6	19.0	0.0	0.0	0.0	0.0	
VMP-10-30	8/23/2022	10 08	0.00	0.00	0.0	0	1.1	18.7	0.0	0.0	0.0	0.0	
VMP-10-30	9/20/2022	08:15	0.00	0.00	0.0	0	1.4	18.4	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-11-5	1/17/2022	11 05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-5	2/21/2022	11 04	0.83	0.25	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	3/23/2022	12 35	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	4/25/2022	11 27	0.00	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-11-5	5/24/2022	11:13	0.00	0.00	0.0	0	1 5	18.2	0.0	0.0	0.0	0.0	
VMP-11-5	6/21/2022	11 00	-0.30	0.00	0.0	0	2.4	19.0	0.3	1.8	1.6	0.2	
VMP-11-5	7/21/2022	10 33	-0.24	0.00	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-11-5	8/23/2022	12 20	0.00	0.00	0.0	0	2 2	19.4	0.0	0.0	0.0	0.0	
VMP-11-5	8/23/2022	12 20	NM	NM	0.0	0	2 2	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-11-5	9/20/2022	09 28	0.00	0.00	0.0	0	1 6	19.6	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	
VMP-11-8	1/17/2022	11 06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-8	2/21/2022	11 05	0.27	-0.34	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-11-8	3/23/2022	12 36	-0.73	0.00	0.0	0	0 0	20.9	0.2	0.0	0.0	0.0	
VMP-11-8	4/25/2022	11 28	-0.35	0.00	0.0	0	0 5	19.6	0.0	0.0	0.0	0.0	
VMP-11-8	5/24/2022	11:14	0.00	0.00	0.0	0	1 9	17.5	0.0	0.0	0.0	0.0	
VMP-11-8	5/24/2022	11:14	NM	NM	0.0	0	1 9	17.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-11-8	6/21/2022	11 01	0.00	-0.12	0.0	0	3 0	18.4	0.0	0.0	0.0	0.0	
VMP-11-8	7/21/2022	10 34	-0.25	0.00	0.0	0	3.1	18.2	0.0	0.0	0.0	0.0	
VMP-11-8	8/23/2022	12 21	0.00	0.00	0.0	0	3 0	18.6	0.0	0.0	0.0	0.0	
VMP-11-8	9/20/2022	09 29	0.00	0.00	0.0	0	2 6	18.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-29	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-11-29	1/17/2022	11 07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-29	2/21/2022	11 06	0.30	-0.27	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-11-29	3/23/2022	12 37	-0.57	-0.43	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-11-29	4/25/2022	11 29	-0.57	-0.35	0.0	0	0 5	19.7	0.0	0.0	0.0	0.0	
VMP-11-29	5/24/2022	11:15	0.23	0.00	0.0	0	0 9	19.0	0.0	0.0	0.0	0.0	
VMP-11-29	6/21/2022	11 02	-0.70	0.00	0.0	0	1 2	19.0	1.3	3.5	0.0	3.5	
VMP-11-29	6/21/2022	11 02	NM	NM	0.0	0	1 2	19.0	1.3	3.4	0.0	3.4	Duplicate sample.
VMP-11-29	7/21/2022	10 35	-0.33	-0.09	0.0	0	1 3	18.8	0.0	0.0	0.0	0.0	
VMP-11-29	8/23/2022	12 22	0.50	0.00	0.0	0	1.4	18.6	0.0	0.0	0.0	0.0	
VMP-11-29	9/20/2022	09 30	0.00	0.00	0.0	0	1.7	18.2	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-11-38	1/17/2022	11 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-38	2/21/2022	11 07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	3/23/2022	12 38	-0.26	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-11-38	4/25/2022	11 30	0.00	0.00	0.0	0	0 5	19.6	0.0	0.0	0.0	0.0	
VMP-11-38	5/24/2022	11:16	0.00	-0.24	0.0	0	1 8	17.7	0.3	1.5	1.5	0.0	
VMP-11-38	6/21/2022	11 03	0.00	0.00	0.0	0	2 8	18.6	0.5	2.6	0.0	2.6	
VMP-11-38	7/21/2022	10 36	0.00	0.00	0.0	0	2 8	18.7	0.0	0.0	0.0	0.0	
VMP-11-38	8/23/2022	12 23	0.39	0.00	0.0	0	2 5	19.2	0.0	0.0	0.0	0.0	
VMP-11-38	9/20/2022	09 31	0.00	0.00	0.0	0	2.1	19.2	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	
VMP-12-5	1/17/2022	11:45	0.55	-0.56	0.0	0	0 0	20.9	0.0	3.1	3.1	0.0	
VMP-12-5	2/21/2022	08 50	-0.16	0.15	0.2	4	0 0	20.8	29 6	577	379	198	
VMP-12-5	2/22/2022	10 01	-0.32	NM	3.0	59	0 0	14.4	86 2	11400	11400	0.0	Re-sampled due to elevated concentrations.
VMP-12-5	3/23/2022	08:42	-0.40	-0.41	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-12-5	4/25/2022	09 00	-0.48	-0.41	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-12-5	5/24/2022	09 56	0.00	0.00	0.0	0	0.1	20.1	0.0	0.0	0.0	0.0	
VMP-12-5	5/24/2022	09 56	NM	NM	0.0	0	0.1	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-12-5	6/21/2022	09 25	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-12-5	7/20/2022	08:48	-0.13	0.00	0.0	0	0 2	20.5	0.0	0.8	0.8	0.0	
VMP-12-5	8/23/2022	09:45	-0.22	-0.19	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-12-5	9/20/2022	09:43	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11 5	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-12-11 5	1/17/2022	08:46	-0.18	-0.58	0.0	0	0 0	20.9	0.4	54.9	52.0	2.9	
VMP-12-11 5	2/21/2022	08 51	0.14	0.32	2.0	39	0.1	17.1	76 8	11300	11067	233	
VMP-12-11 5	2/22/2022	10 02	-0.32	NM	21.1	OVR	9 5	0.6	195	88230	77950	10280	Re-sampled due to elevated concentrations.
VMP-12-11 5	3/23/2022	08:43	0.00	-0.42	0.9	18	7 2	1.0	5.4	8720	7740	980	
VMP-12-11 5	4/25/2022	09 01	-0.74	-0.26	0.0	0	7 3	4.5	0.1	0.0	0.0	0.0	
VMP-12-11 5	5/24/2022	09 57	-0.25	0.00	0.0	0	3.1	14.0	0.0	0.0	0.0	0.0	
VMP-12-11 5	6/21/2022	09 26	-0.11	0.00	0.0	0	0.4	20.3	6.1	57.1	32.6	24 5	
VMP-12-11 5	7/20/2022	08:49	-0.17	0.00	0.0	0	1 2	19.4	0.0	0.0	0.0	0.0	
VMP-12-11 5	8/23/2022	09:46	-0.29	-0.24	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-12-11 5	9/20/2022	09:44	-0.10	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
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-12-25	1/17/2022	08:46	-0.18	-0.58	57.8	OVR	12.7	1.6	387	155000	127000	28000	
VMP-12-25	2/21/2022	08 52	-3.36	0.16	3.8	77	7 3	5.7	82 6	28560	26120	2440	
VMP-12-25	2/22/2022	10 03	-3.20	NM	OVR	OVR	11.7	2.6	274	259000	208000	51000	Re-sampled to confirm initial sample.
VMP-12-25	3/23/2022	08:44	-0.20	-0.49	57.9	OVR	7.7	8.3	363	134000	116000	18000	
VMP-12-25	4/25/2022	09 02	-0.64	-0.49	18.3	OVR	8.4	6.5	211	92870	80640	12230	
VMP-12-25	4/25/2022	09 02	NM	NM	18.1	OVR	8.4	6.6	207	92620	80110	12510	Duplicate sample.
VMP-12-25	5/24/2022	09 58	-0.97	0.00	20.1	OVR	8 8	5.9	197	113000	102000	11000	
VMP-12-25	6/21/2022	09 27	0.00	0.25	12.7	OVR	7.7	7.8	181	71650	64890	6760	
VMP-12-25	7/20/2022	08 50	0.00	0.00	19.9	OVR	8.4	7.0	181	102000	92740	9260	
VMP-12-25	8/23/2022	09:47	-0.37	-0.34	25.8	OVR	12.7	0.9	172	115000	101000	14000	
VMP-12-25	9/20/2022	09:45	-0.16	0.00	34.8	OVR	13.1	1.0	197	126000	116000	10000	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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	FID 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.
VMP-12-39	1/17/2022	08:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	2/21/2022	08 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	2/22/2022	10 04	-0.34	-0.33	OVR	OVR	14.4	0.6	252	615000	431000	184000	Screen was not submerged when re-sampling other ports.
VMP-12-39	3/23/2022	08:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	4/25/2022	09 03	-0.53	-0.51	OVR	OVR	12.5	1.0	277	409000	311000	98000	
VMP-12-39	5/24/2022	09 59	-0.23	-0.15	OVR	OVR	11.5	1.2	476	531000	351000	180000	
VMP-12-39	6/21/2022	09 28	-0.20	-0.11	OVR	OVR	12.1	1.0	578	431000	311000	120000	
VMP-12-39	6/21/2022	09 28	NM	NM	OVR	OVR	12.0	1.0	572	426000	309000	117000	Duplicate sample.
VMP-12-39	7/20/2022	08 21	-0.27	-0.20	OVR	OVR	12.4	1.2	356	504000	359000	145000	
VMP-12-39	8/23/2022	09:48	-0.41	-0.37	OVR	OVR	12.1	1.5	342	485000	346000	139000	
VMP-12-39	8/23/2022	09:48	NM	NM	OVR	OVR	12.1	1.5	339	482000	343000	139000	Duplicate sample.
VMP-12-39	9/20/2022	09:46	-0.15	0.00	OVR	OVR	13.0	0.8	364	435000	313000	122000	
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-13-5	1/17/2022	09 02	-0.12	-0.11	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-13-5	2/21/2022	09:43	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-13-5	3/23/2022	09 05	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-5	4/25/2022	09:10	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-13-5	5/24/2022	09 32	0.00	0.00	0.0	0	0 3	19.9	0.0	0.0	0.0	0.0	
VMP-13-5	6/22/2022	08:40	0.00	0.00	0.0	0	0 5	19.7	0.0	0.0	0.0	0.0	
VMP-13-5	7/21/2022	09 20	0.00	0.00	0.0	0	1 0	19.2	0.0	0.0	0.0	0.0	
VMP-13-5	8/23/2022	09:12	0.00	0.00	0.0	0	1 3	18.6	0.0	0.0	0.0	0.0	
VMP-13-5	9/20/2022	08 35	0.00	0.00	0.0	0	1 5	19.4	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-13-10 5	1/17/2022	09 03	-0.50	-0.50	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-10 5	2/21/2022	08:44	-0.11	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10 5	3/23/2022	09 06	-0.30	-0.16	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-10 5	4/25/2022	09:11	-0.16	-0.09	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-13-10 5	5/24/2022	09 33	0.00	0.00	0.0	0	0 0	20.3	0.0	0.0	0.0	0.0	
VMP-13-10 5	6/22/2022	09:41	-0.10	0.00	0.0	0	0.1	20.1	0.0	0.0	0.0	0.0	
VMP-13-10 5	7/21/2022	09 21	0.00	-0.11	0.0	0	0 3	19.7	0.0	0.0	0.0	0.0	
VMP-13-10 5	8/23/2022	09:13	0.00	0.00	0.0	0	0 5	19.2	0.0	0.0	0.0	0.0	
VMP-13-10 5	9/20/2022	08 36	-0.12	-0.16	0.0	0	0 9	19.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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	
VMP-13-21 5	1/17/2022	09 04	-0.63	-0.67	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-21 5	2/21/2022	08:45	-0.14	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-13-21 5	3/23/2022	09 07	-0.40	-0.22	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-13-21 5	3/23/2022	09 07	NM	NM	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21 5	4/25/2022	09:12	-0.20	-0.13	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-13-21 5	5/24/2022	09 34	0.00	0.00	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-13-21 5	5/24/2022	09 34	NM	NM	0.0	0	0 2	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21 5	6/22/2022	08:42	-0.23	-0.10	0.0	0	0 2	20.2	0.0	0.0	0.0	0.0	
VMP-13-21 5	7/21/2022	09 22	-0.16	-0.26	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-13-21 5	8/23/2022	09:14	0.00	0.00	0.0	0	0 2	19.8	0.0	0.0	0.0	0.0	
VMP-13-21 5	9/20/2022	08 37	-0.14	-0.15	0.0	0	0 3	19.9	0.0	0.0	0.0	0.0	
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-13-29 5	1/17/2022	09 05	-0.18	-0.20	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-13-29 5	2/21/2022	08:46	0.32	-0.27	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-13-29 5	3/23/2022	09 08	-0.12	-0.11	0.0	0	0 0	20.8	0.0	0.0	0.0	0.0	
VMP-13-29 5	4/25/2022	09:13	-0.11	0.00	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-13-29 5	4/25/2022	09:13	NM	NM	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-29 5	5/24/2022	09 35	0.00	0.00	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-13-29 5	6/22/2022	08:43	-0.10	0.00	0.0	0	0.1	19.9	0.0	0.0	0.0	0.0	
VMP-13-29 5	7/21/2022	09 23	0.00	0.00	0.0	0	0 3	19.9	0.0	0.0	0.0	0.0	
VMP-13-29 5	8/23/2022	09:15	0.00	0.00	0.0	0	0 5	19.1	0.0	0.0	0.0	0.0	
VMP-13-29 5	9/20/2022	08 38	0.00	0.00	0.0	0	0 9	19.5	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-14-5	1/17/2022	08:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-5	2/21/2022	08 24	0.00	0.00	0.0	0	0 3	20.8	0.0	0.0	0.0	0.0	
VMP-14-5	3/23/2022	08 32	0.00	0.00	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-14-5	4/25/2022	08:48	0.00	0.00	0.0	0	0 8	20.3	0.0	0.0	0.0	0.0	
VMP-14-5	5/24/2022	09:17	0.00	0.00	0.0	0	1 5	19.7	0.0	0.0	0.0	0.0	
VMP-14-5	6/22/2022	08 25	0.00	0.00	0.0	0	0 6	20.5	0.0	0.0	0.0	0.0	
VMP-14-5	7/21/2022	09:40	0.00	0.00	0.0	0	0 9	20.2	0.0	0.0	0.0	0.0	
VMP-14-5	8/23/2022	08 55	0.00	0.00	0.0	0	0 8	20.1	0.0	0.0	0.0	0.0	
VMP-14-5	9/20/2022	08:45	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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	
VMP-14-11 5	1/17/2022	08:46	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-14-11 5	2/21/2022	08 25	0.11	0.00	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-14-11 5	3/23/2022	08 33	0.00	0.00	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-14-11 5	4/25/2022	08:49	0.00	0.00	0.0	0	0 8	20.3	0.0	0.0	0.0	0.0	
VMP-14-11 5	5/24/2022	09:18	0.00	0.00	0.0	0	1 5	19.7	0.0	0.0	0.0	0.0	
VMP-14-11 5	6/22/2022	08 26	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-14-11 5	7/21/2022	09:41	0.00	0.00	0.0	0	0 9	20.2	0.0	0.0	0.0	0.0	
VMP-14-11 5	8/23/2022	08 56	0.00	0.00	0.0	0	0 8	20.2	0.0	0.0	0.0	0.0	
VMP-14-11 5	9/20/2022	08:46	0.00	0.00	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
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-14-20	1/17/2022	08:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-20	2/21/2022	08 26	-0.12	0.00	0.0	0	8 5	9.7	0.0	0.0	0.0	0.0	
VMP-14-20	3/23/2022	08 34	-0.26	-0.29	0.0	0	6 0	13.2	0.0	0.0	0.0	0.0	
VMP-14-20	4/25/2022	08 50	0.00	-0.19	0.0	0	5 8	13.2	0.0	0.0	0.0	0.0	
VMP-14-20	5/24/2022	09:19	-0.10	0.00	0.0	0	5.7	12.7	0.0	0.0	0.0	0.0	
VMP-14-20	6/22/2022	08 27	-0.27	-0.21	0.0	0	6.1	11.9	0.0	0.0	0.0	0.0	
VMP-14-20	6/22/2022	08 27	NM	NM	0.0	0	6 2	11.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	7/21/2022	09:42	-0.16	0.00	0.0	0	7 3	10.7	0.0	0.0	0.0	0.0	
VMP-14-20	8/23/2022	08 57	-0.19	-0.15	0.0	0	8 9	8.4	0.0	0.0	0.0	0.0	
VMP-14-20	9/20/2022	08:47	-0.66	-0.24	0.0	0	10.1	9.1	0.0	0.0	0.0	0.0	
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-14-29	1/17/2022	08:48	-0.44	0.00	0.0	0	5.1	15.5	0.0	0.0	0.0	0.0	
VMP-14-29	2/21/2022	08 27	-0.12	0.00	0.0	0	6 6	12.3	0.0	0.0	0.0	0.0	
VMP-14-29	2/21/2022	08 27	NM	NM	0.0	0	6.4	12.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	3/23/2022	08 35	-0.26	-0.24	0.0	0	4 6	15.3	0.0	0.0	0.0	0.0	
VMP-14-29	4/25/2022	08 51	-0.27	-0.18	0.0	0	4 3	15.3	0.0	0.0	0.0	0.0	
VMP-14-29	5/24/2022	09 20	0.00	0.00	0.0	0	4 2	15.0	0.0	0.0	0.0	0.0	
VMP-14-29	6/22/2022	08 28	-0.30	-0.20	0.0	0	4 2	14.6	0.0	0.0	0.0	0.0	
VMP-14-29	7/21/2022	09:43	0.00	-0.17	0.0	0	4 5	14.0	0.0	0.0	0.0	0.0	
VMP-14-29	8/23/2022	08 58	-0.18	-0.13	0.0	0	5.7	12.0	0.0	0.0	0.0	0.0	
VMP-14-29	9/20/2022	08:48	-0.23	-0.21	0.0	0	6.1	12.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-16-5	5/24/2022	09 03	-0.51	-0.28	0.0	0	12.3	4.8	0.2	0.0	0.0	0.0	
VMP-16-5	6/21/2022	08:10	0.00	0.00	0.0	0	9 0	12.4	0.1	0.0	0.0	0.0	
VMP-16-5	7/20/2022	10 25	0.00	0.00	0.0	0	18.4	1.9	0.2	0.0	0.0	0.0	
VMP-16-5	8/23/2022	09:15	-0.10	0.00	0.0	0	11.4	9.4	0.2	0.0	0.0	0.0	
VMP-16-5	9/20/2022	09 05	0.00	0.00	0.0	0	11.4	8.4	0.0	0.0	0.0	0.0	
VMP-16-13 5	5/24/2022	09 04	0.00	0.00	46.3	OVR	14.9	0.8	312	217000	189000	28000	
VMP-16-13 5	6/21/2022	08:11	-4.54	-0.35	23.5	OVR	16.0	1.0	506	109000	88720	20280	
VMP-16-13 5	7/20/2022	10 26	-0.27	-0.31	67.2	OVR	16.7	0.6	383	264000	219000	45000	
VMP-16-13 5	8/23/2022	09:16	-0.17	-0.21	34.7	OVR	17.6	0.9	333	134000	117000	17000	
VMP-16-13 5	9/20/2022	09 07	-0.12	0.00	30.6	OVR	17.3	1.3	385	125000	108000	17000	
VMP-16-19	5/24/2022	09 05	0.00	0.14	80.3	OVR	14.8	0.9	314	352000	291000	61000	
VMP-16-19	6/21/2022	08:12	-0.13	0.00	83.3	OVR	14.1	2.5	377	286000	235000	51000	
VMP-16-19	7/20/2022	10 27	0.00	0.00	OVR	OVR	14.8	2.1	391	331000	293000	38000	
VMP-16-19	8/23/2022	09:17	-0.17	-0.12	OVR	OVR	16.1	0.9	329	366000	286000	80000	
VMP-16-19	9/20/2022	09 07	0.00	0.00	OVR	OVR	16.1	1.1	350	305000	267000	38000	
VMP-16-31	5/24/2022	09 06	0.00	0.00	OVR	OVR	15.1	0.7	656	576000	363000	213000	
VMP-16-31	6/21/2022	08:13	-0.15	0.00	OVR	OVR	14.6	1.5	717	408000	262000	146000	
VMP-16-31	7/20/2022	10 28	-0.14	0.00	OVR	OVR	14.9	1.8	589	561000	326000	235000	
VMP-16-31	8/23/2022	09:18	-0.18	-0.13	OVR	OVR	16.4	0.7	492	658000	364000	294000	
VMP-16-31	9/20/2022	09 08	-0.12	0.00	OVR	OVR	16.0	1.3	473	422000	281000	141000	
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	
VMP-17-5	1/17/2022	10 53	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	2/21/2022	10 59	0.00	0.18	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	3/23/2022	12 28	-0.11	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	4/25/2022	11 22	0.00	0.00	0.0	0	0 6	19.9	0.0	0.0	0.0	0.0	
VMP-17-5	5/24/2022	11 08	0.00	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-17-5	6/21/2022	12 00	0.00	0.00	0.0	0	1 8	19.6	0.0	0.0	0.0	0.0	
VMP-17-5	7/21/2022	10 25	0.00	0.00	0.0	0	1 6	19.6	0.0	0.0	0.0	0.0	
VMP-17-5	7/21/2022	10 25	NM	NM	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	8/23/2022	12:15	0.09	0.00	0.0	0	1 9	19.6	0.0	0.0	0.0	0.0	
VMP-17-5	9/20/2022	09 25	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-18-8.5	1/17/2022	10:43	-0.11	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	2/21/2022	10 52	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-18-8.5	3/23/2022	12:12	-0.09	-0.11	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	4/25/2022	11:11	0.00	0.00	0.0	0	0.7	19.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	5/24/2022	11 00	0.00	0.00	0.0	0	0 5	18.6	0.0	0.0	0.0	0.0	
VMP-18-8.5	6/21/2022	11:45	0.00	0.00	0.0	0	1 2	17.1	0.0	0.0	0.0	0.0	
VMP-18-8.5	7/21/2022	10:15	0.00	0.00	0.0	0	2 5	16.3	0.0	0.0	0.0	0.0	
VMP-18-8.5	8/23/2022	12:42	0.00	0.00	0.0	0	2 5	15.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/20/2022	09:15	0.00	0.00	0.0	0	3.4	16.0	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/20/2022	09:15	NM	NM	0.0	0	3 3	16.1	0.0	0.0	0.0	0.0	Duplicate sample.
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-19-5	1/17/2022	10:48	-0.19	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	2/21/2022	10 25	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	3/23/2022	12 22	-0.09	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	4/25/2022	11:16	-0.38	0.00	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-19-5	5/24/2022	11 04	0.00	0.00	0.0	0	0 8	19.7	0.0	0.0	0.0	0.0	
VMP-19-5	6/22/2022	08 00	0.00	0.00	0.0	0	1 8	19.1	0.0	0.0	0.0	0.0	
VMP-19-5	7/21/2022	10 20	0.00	0.00	0.0	0	2 2	18.7	0.0	0.0	0.0	0.0	
VMP-19-5	8/23/2022	12 09	0.00	0.00	0.0	0	2 5	18.3	0.0	0.0	0.0	0.0	
VMP-19-5	9/20/2022	09 20	0.00	0.00	0.0	0	2.4	18.6	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	
VMP-29-10	1/17/2022	09 35	0.28	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-29-10	2/21/2022	09:16	0.00	0.22	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-29-10	3/23/2022	10 24	-1.28	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-29-10	4/25/2022	09:40	-0.19	-0.24	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-29-10	5/24/2022	09 55	0.00	0.00	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-29-10	6/22/2022	09 20	-0.16	0.00	0.0	0	0.4	19.9	0.0	0.0	0.0	0.0	
VMP-29-10	7/21/2022	08 36	-0.10	0.00	0.0	0	0 8	19.6	0.0	0.0	0.0	0.0	
VMP-29-10	8/23/2022	09:44	0.00	0.00	0.0	0	0 9	19.8	0.0	0.0	0.0	0.0	
VMP-29-10	9/20/2022	08 22	-0.09	0.00	0.0	0	1 0	19.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-18	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-29-18	1/17/2022	09 36	-0.17	-0.17	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-29-18	2/21/2022	09:17	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-29-18	3/23/2022	10 25	0.00	0.00	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-29-18	4/25/2022	09:41	-1.11	-0.49	0.0	0	0.1	20.6	0.3	0.0	0.0	0.0	
VMP-29-18	5/24/2022	09 56	0.00	0.00	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-29-18	6/22/2022	09 21	0.00	-0.21	0.0	0	0 3	19.8	0.3	1.4	0.0	1.4	
VMP-29-18	7/21/2022	08:41	-0.58	-0.13	0.0	0	0 6	19.6	2.6	4.3	0.0	4.3	
VMP-29-18	8/23/2022	09:45	-0.37	0.00	0.0	0	0 8	19.7	1.3	1.4	0.0	1.4	
VMP-29-18	9/20/2022	08 23	0.00	0.00	0.0	0	0 8	19.8	0.7	0.4	0.0	0.4	
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-29-26	1/17/2022	09 37	-0.18	-0.26	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-29-26	2/21/2022	09:18	0.00	0.00	0.0	0	0 9	19.4	0.0	0.0	0.0	0.0	
VMP-29-26	3/23/2022	10 26	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-29-26	4/25/2022	09:42	-0.40	-0.32	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-29-26	4/25/2022	09:42	NM	NM	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-29-26	5/24/2022	09 58	0.00	-0.24	0.0	0	0.4	19.7	0.0	0.0	0.0	0.0	
VMP-29-26	6/22/2022	09 22	0.00	0.00	0.0	0	0.4	19.6	0.0	0.0	0.0	0.0	
VMP-29-26	7/21/2022	08:45	-0.62	0.00	0.0	0	0 5	19.6	0.0	0.0	0.0	0.0	
VMP-29-26	8/23/2022	09:46	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-29-26	9/20/2022	08 24	0.00	0.00	0.0	0	0 9	19.5	0.0	0.0	0.0	0.0	
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.
VMP-29-40	1/17/2022	09 38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/21/2022	09:19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/23/2022	10 26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/25/2022	09:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/24/2022	09 59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/22/2022	09 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/21/2022	08:46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/23/2022	08:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/20/2022	08 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	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-30-10	1/17/2022	09:14	-0.21	-0.21	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	2/21/2022	08 57	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	3/23/2022	09 57	-0.10	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	4/25/2022	09 30	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	5/24/2022	09:45	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	6/22/2022	09 02	-0.11	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	7/21/2022	08 59	0.00	0.00	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	
VMP-30-10	8/23/2022	09 30	0.00	0.00	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-30-10	9/20/2022	08 30	0.00	0.00	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
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-30-18	1/17/2022	09:15	-0.42	-0.42	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-30-18	2/21/2022	08 57	0.00	0.00	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-30-18	3/23/2022	09 58	-0.20	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-30-18	4/25/2022	09 31	0.00	-0.11	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	5/24/2022	08:46	0.00	0.00	0.0	0	0.1	20.6	1.2	7.7	6.4	1.3	
VMP-30-18	6/22/2022	09 03	-0.18	0.00	0.0	0	0 0	20.9	1.0	2.5	0.0	2.5	
VMP-30-18	7/21/2022	09 05	0.00	0.00	0.0	0	0.1	20.1	0.0	0.0	0.0	0.0	
VMP-30-18	8/23/2022	09 31	0.00	0.00	0.0	0	0 2	20.0	0.0	0.0	0.0	0.0	
VMP-30-18	9/20/2022	08 31	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
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	
VMP-30-26	1/17/2022	09:16	-0.45	-0.42	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-30-26	1/17/2022	09:16	NM	NM	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	2/21/2022	08 59	-0.10	0.00	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-30-26	3/23/2022	09 59	-0.22	-0.15	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-30-26	4/25/2022	09 32	-0.10	-0.12	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-30-26	5/24/2022	09:47	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-30-26	6/22/2022	09 04	-0.19	0.00	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-30-26	7/21/2022	09 07	0.00	0.00	0.0	0	0 2	19.9	0.0	0.0	0.0	0.0	
VMP-30-26	8/23/2022	09 32	0.00	0.00	0.0	0	0 2	20.5	1.7	2.6	0.0	2.6	
VMP-30-26	9/20/2022	08 32	0.00	-0.11	0.0	0	0 2	20.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-30-40	1/17/2022	09:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/21/2022	09 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/23/2022	10 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/25/2022	09 33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/24/2022	09:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/22/2022	09 05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/21/2022	09 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/23/2022	09 33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/20/2022	08 33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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-32-5	1/18/2022	09 20	0.00	0.00	0.0	0	2 8	18.6	0.0	0.0	0.0	0.0	
VMP-32-5	2/22/2022	09 08	0.00	0.00	0.0	0	2 3	18.8	0.0	0.0	0.0	0.0	
VMP-32-5	3/24/2022	12 37	0.00	0.00	0.0	0	2 2	18.7	0.0	0.0	0.0	0.0	
VMP-32-5	4/26/2022	12 57	0.00	0.00	0.0	0	2 3	18.4	0.0	0.0	0.0	0.0	
VMP-32-5	5/25/2022	14 05	0.00	0.00	0.0	0	2 6	18.1	0.0	0.0	0.0	0.0	
VMP-32-5	6/22/2022	12:40	0.00	0.00	0.0	0	3 2	18.0	0.0	0.0	0.0	0.0	
VMP-32-5	7/21/2022	11 00	0.00	0.00	0.0	0	3 9	16.9	0.0	0.0	0.0	0.0	
VMP-32-5	8/24/2022	13 25	0.00	0.00	0.0	0	4.4	15.9	0.0	0.0	0.0	0.0	
VMP-32-5	9/21/2022	09 00	0.00	0.00	0.0	0	4 2	17.0	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	
VMP-32-10	1/18/2022	09 21	0.00	0.00	0.0	0	3.1	18.3	0.0	0.0	0.0	0.0	
VMP-32-10	2/22/2022	09 09	0.00	0.00	0.0	0	2 5	18.6	0.0	0.0	0.0	0.0	
VMP-32-10	3/24/2022	12 38	-0.77	-0.19	0.0	0	2 3	19.0	0.0	0.0	0.0	0.0	
VMP-32-10	4/26/2022	12 58	0.00	0.00	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-32-10	5/25/2022	14 06	0.00	0.00	0.0	0	2.4	18.4	0.0	0.0	0.0	0.0	
VMP-32-10	6/22/2022	12:41	-0.09	0.00	0.0	0	2 9	17.9	0.0	0.0	0.0	0.0	
VMP-32-10	6/22/2022	12:41	NM	NM	0.0	0	2 9	17.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-10	7/21/2022	11 01	0.00	0.00	0.0	0	3 8	16.8	0.0	0.0	0.0	0.0	
VMP-32-10	8/24/2022	13 26	0.00	0.00	0.0	0	4.4	15.6	0.0	0.0	0.0	0.0	
VMP-32-10	9/21/2022	09 01	0.00	0.00	0.0	0	4.7	16.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-32-20	1/18/2022	09 22	-0.09	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-32-20	2/22/2022	09:10	-0.83	0.00	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-32-20	3/24/2022	12 39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-20	4/26/2022	12 59	-0.44	0.00	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-32-20	5/25/2022	14 07	0.00	0.00	0.0	0	0.7	19.4	0.0	0.0	0.0	0.0	
VMP-32-20	6/22/2022	12:42	0.00	0.00	0.0	0	0 9	20.1	0.0	0.0	0.0	0.0	
VMP-32-20	7/21/2022	11 02	0.00	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-32-20	8/24/2022	13 27	0.00	0.00	0.0	0	1 2	19.7	0.0	0.0	0.0	0.0	
VMP-32-20	9/21/2022	09 02	0.00	0.00	0.0	0	0 0	20.7	0.0	0.5	0.5	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-32-30	1/18/2022	09 23	-0.09	0.00	0.0	0	2.4	18.9	0.0	0.0	0.0	0.0	
VMP-32-30	2/22/2022	09:11	0.31	0.00	0.0	0	1 8	19.2	0.0	0.0	0.0	0.0	
VMP-32-30	3/24/2022	12:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	4/26/2022	13 00	-0.35	0.00	0.0	0	0 8	20.1	0.0	0.0	0.0	0.0	
VMP-32-30	5/25/2022	14 08	0.00	0.00	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-32-30	6/22/2022	12:43	0.00	0.00	0.0	0	0 0	20.8	0.0	0.0	0.0	0.0	
VMP-32-30	7/21/2022	11 03	0.00	0.00	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-32-30	8/24/2022	13 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	9/21/2022	09 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-33-10	1/17/2022	11 00	-0.46	-0.50	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	2/21/2022	12 20	-0.44	-0.44	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	3/23/2022	11 00	-0.54	-0.51	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	4/25/2022	11:40	-0.55	-0.52	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	5/24/2022	12 32	-0.53	-0.63	0.0	0	0 0	20.9	0.0	1.1	0.0	1.1	
VMP-33-10	6/21/2022	08 35	-0.39	-0.30	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	7/20/2022	08 55	-0.51	-0.48	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	8/23/2022	11 35	-0.51	-0.46	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	9/20/2022	12 07	-0.38	-0.48	0.0	0	0 0	20.8	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-33-20	1/17/2022	11 01	-2.58	-2.37	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	2/21/2022	12 21	-2.35	-2.12	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	3/23/2022	11 01	-2.80	-2.77	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	4/25/2022	11:41	-3.16	-2.83	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	5/24/2022	12 33	-3.41	-3.23	0.0	0	0 0	20.9	0.0	2.3	0.0	2.3	
VMP-33-20	6/21/2022	08 36	-3.46	-2.83	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	7/20/2022	08 56	-3.45	-3.45	0.0	0	0 0	20.9	0.0	2.5	2.5	0.0	
VMP-33-20	8/23/2022	11 36	-3.27	3.19	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	9/20/2022	12 08	-3.12	-3.10	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-33-30	1/17/2022	11 02	-0.41	-0.39	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	2/21/2022	12 22	-0.25	-0.27	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	3/23/2022	11 02	-0.55	-0.54	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	4/25/2022	11:42	-0.56	-0.55	0.0	0	0 0	20.9	0.5	4.1	1.2	2.9	
VMP-33-30	5/24/2022	12 34	-0.62	-0.55	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	6/21/2022	08 37	-0.51	-0.47	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	7/20/2022	08 57	-0.70	-0.64	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	8/23/2022	11 37	-1.81	-0.96	0.0	0	0 3	20.1	0.0	0.0	0.0	0.0	
VMP-33-30	9/20/2022	12 09	-1.05	-0.76	0.0	0	0 0	20.8	0.0	0.0	0.0	0.0	
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.
VMP-34-10	1/17/2022	10:45	-0.39	-0.41	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-34-10	2/21/2022	11 30	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-34-10	3/23/2022	11:13	-0.30	-0.27	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-34-10	4/25/2022	11 20	-0.46	-0.42	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-34-10	5/24/2022	12 09	-0.14	-0.24	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-34-10	5/24/2022	12 09	NM	NM	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-10	6/21/2022	08 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	7/20/2022	09 20	-0.32	-0.36	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-34-10	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	9/20/2022	00 00	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-20	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-34-20	1/17/2022	10:46	-1.00	-1.02	0.0	0	0 8	20.2	0.0	0.0	0.0	0.0	
VMP-34-20	1/17/2022	10:46	NM	NM	0.0	0	0 8	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	2/21/2022	11 31	-0.32	-0.18	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-34-20	3/23/2022	11:14	-0.69	-0.67	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-34-20	4/25/2022	11 21	-1.19	-1.17	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-34-20	5/24/2022	12:10	-0.62	-0.65	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-34-20	6/21/2022	08 01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	7/20/2022	09 21	-0.85	-0.78	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-34-20	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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-34-30	1/17/2022	10:47	-0.85	-1.05	0.0	0	1 3	20.1	0.0	0.0	0.0	0.0	
VMP-34-30	2/21/2022	11 32	-3.00	-0.29	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-34-30	3/23/2022	11:15	-0.66	-0.72	0.0	0	1 3	19.8	0.0	0.0	0.0	0.0	
VMP-34-30	4/25/2022	11 22	-1.33	-1.31	0.0	0	1 3	19.9	0.0	0.0	0.0	0.0	
VMP-34-30	5/24/2022	12:11	-0.60	-0.74	0.0	0	1 0	20.1	0.0	0.0	0.0	0.0	
VMP-34-30	6/21/2022	08 02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	7/20/2022	09 22	-0.91	-0.91	0.0	0	0 9	19.8	0.0	1.7	1.7	0.0	
VMP-34-30	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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	
VMP-35-10	1/17/2022	10 35	-1.06	-0.98	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	2/21/2022	11 05	-0.50	-0.50	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	3/23/2022	11 29	-1.14	-1.07	0.0	0	0 2	15.5	0.0	0.0	0.0	0.0	
VMP-35-10	4/25/2022	11 05	-1.83	-1.65	0.0	0	3 0	12.4	0.0	0.0	0.0	0.0	
VMP-35-10	5/24/2022	11 58	-1.11	-1.09	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	6/21/2022	08 53	-1.15	-1.03	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	7/20/2022	09 35	-0.99	-0.92	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/23/2022	11 05	-0.95	-0.84	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/23/2022	11 05	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-10	9/20/2022	12 26	-0.86	-0.86	0.0	0	0 0	20.8	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-35-20	1/17/2022	10 36	-0.75	-0.61	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	2/21/2022	11 06	-0.30	-0.34	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	3/23/2022	11 30	-1.27	-1.05	0.0	0	0 0	17.5	0.0	0.0	0.0	0.0	
VMP-35-20	4/25/2022	11 06	-1.91	-1.46	0.0	0	0 6	17.3	0.0	0.0	0.0	0.0	
VMP-35-20	5/24/2022	11 59	-0.80	-0.76	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	6/21/2022	08 54	-0.71	-0.62	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	6/21/2022	08 54	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	7/20/2022	09 36	-0.64	-0.58	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	8/23/2022	11 06	-0.54	-0.48	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	9/20/2022	12 27	-0.56	-0.58	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	
VMP-35-20	9/20/2022	12 27	NM	NM	0.0	0	0 0	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
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-35-30	1/17/2022	10 37	-0.24	-0.51	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	2/21/2022	11 07	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	3/23/2022	11 31	-1.31	-1.12	0.0	0	0.1	16.6	0.0	0.0	0.0	0.0	
VMP-35-30	4/25/2022	11 07	-1.79	-1.43	0.0	0	0 8	18.2	0.2	2.1	0.8	1.3	
VMP-35-30	4/25/2022	11 07	NM	NM	0.0	0	0 8	18.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	5/24/2022	12 00	-0.74	-0.70	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	6/21/2022	08 55	-0.56	-0.50	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	7/20/2022	09 37	-0.53	-0.49	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	8/23/2022	11 07	-0.41	-0.36	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	9/20/2022	12 28	-0.46	-0.50	0.0	0	0 0	20.7	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	
VMP-36-10	1/17/2022	10 20	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	2/21/2022	10:45	0.00	0.09	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	3/23/2022	10 00	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	4/25/2022	10:10	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	5/24/2022	11 37	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	6/21/2022	09:15	0.00	0.10	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	7/20/2022	10 24	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	8/23/2022	10 55	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	9/20/2022	10 59	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	9/20/2022	10 59	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-36-20	1/17/2022	10 21	0.00	-0.10	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	2/21/2022	10:46	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	3/23/2022	10 01	0.30	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	4/25/2022	10:11	-0.15	-0.18	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	5/24/2022	11 38	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	6/21/2022	09:16	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	7/20/2022	10 25	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	8/23/2022	10 56	-0.10	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	9/20/2022	11 00	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-36-30	1/17/2022	10 22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	2/21/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	3/23/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	4/25/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	5/24/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	6/21/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	7/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	8/23/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
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.
VMP-37-10	1/17/2022	09:40	-0.30	-0.28	0.0	0	5 6	12.8	0.0	0.0	0.0	0.0	
VMP-37-10	2/21/2022	09 55	0.00	0.10	0.0	0	9 6	5.3	0.0	0.0	0.0	0.0	
VMP-37-10	3/23/2022	09:44	-0.24	-0.11	0.0	0	11.0	3.1	0.0	0.0	0.0	0.0	
VMP-37-10	4/25/2022	10 00	-0.40	-0.27	0.0	0	11.1	3.7	0.0	0.0	0.0	0.0	
VMP-37-10	5/24/2022	10 57	0.00	0.00	0.0	0	9 8	6.8	0.0	0.0	0.0	0.0	
VMP-37-10	6/21/2022	09:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-10	7/20/2022	10:10	0.00	-0.13	0.0	0	16.1	2.5	0.3	1.0	0.0	1.0	
VMP-37-10	8/23/2022	10:46	-0.15	0.00	0.0	0	5 5	13.2	0.0	0.0	0.0	0.0	
VMP-37-10	9/20/2022	10:45	-0.10	0.00	0.0	0	4.1	15.2	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-37-20	1/17/2022	09:41	-0.55	-0.54	0.0	0	7 6	11.8	0.2	0.5	0.5	0.0	
VMP-37-20	2/21/2022	09 56	0.00	0.09	0.0	0	8 9	8.5	0.0	2.0	2.0	0.0	
VMP-37-20	2/21/2022	09 56	NM	NM	0.0	0	8 9	8.6	0.0	2.0	2.0	0.0	Duplicate sample.
VMP-37-20	3/23/2022	09:45	-0.42	-0.21	0.0	0	9 2	7.5	0.0	1.0	1.0	0.0	
VMP-37-20	4/25/2022	10 01	-0.71	-0.51	0.0	0	8 5	8.8	0.0	2.0	2.0	0.0	
VMP-37-20	5/24/2022	10 58	-0.22	0.00	0.0	0	7 8	10.0	0.0	0.0	0.0	0.0	
VMP-37-20	6/21/2022	09:19	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-20	7/20/2022	10:11	0.00	-0.11	0.0	0	7 0	12.4	10 3	20.2	1.1	19.1	
VMP-37-20	8/23/2022	10:46	-0.15	0.00	0.0	0	4.4	15.4	0.7	1.0	0.6	0.4	
VMP-37-20	9/20/2022	10:46	0.00	0.00	0.0	0	4 6	15.2	0.0	1.5	0.8	0.7	
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-37-30	1/17/2022	09:42	-1.20	-1.23	0.0	0	6 0	13.5	0.0	0.0	0.0	0.0	
VMP-37-30	2/21/2022	09 57	-0.29	-0.16	0.0	0	5.7	13.3	0.0	0.0	0.0	0.0	
VMP-37-30	3/23/2022	09:46	-0.57	-0.57	0.0	0	6 5	11.6	0.0	0.0	0.0	0.0	
VMP-37-30	4/25/2022	10 02	-1.32	-1.09	0.0	0	5.4	13.7	0.0	0.0	0.0	0.0	
VMP-37-30	5/24/2022	10 59	0.00	-0.47	0.0	0	4 6	14.6	0.0	0.0	0.0	0.0	
VMP-37-30	6/21/2022	09 20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	7/20/2022	10:12	0.00	-0.58	0.0	0	4 8	13.8	0.0	0.0	0.0	0.0	
VMP-37-30	8/23/2022	10:47	0.00	0.00	0.0	0	5 5	12.2	0.0	0.0	0.0	0.0	
VMP-37-30	9/20/2022	10:47	0.00	-0.63	0.0	0	5.7	11.8	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	
VMP-38-10	1/17/2022	09 30	-6.87	-0.20	0.0	0	1 8	17.4	0.0	0.0	0.0	0.0	
VMP-38-10	2/21/2022	09:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	3/23/2022	09 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	4/25/2022	09:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	5/24/2022	10:42	0.00	0.00	0.0	0	2 3	15.9	0.0	0.0	0.0	0.0	
VMP-38-10	6/21/2022	09:15	0.00	0.00	0.0	0	2 9	17.8	0.0	0.0	0.0	0.0	
VMP-38-10	7/20/2022	09 50	0.00	0.00	0.0	0	5.4	13.0	0.0	0.0	0.0	0.0	
VMP-38-10	8/23/2022	10 25	0.00	0.00	0.0	0	4 3	16.1	0.0	0.0	0.0	0.0	
VMP-38-10	9/20/2022	10 30	0.00	0.00	0.0	0	3 8	16.7	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-38-20	1/17/2022	09 31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	2/21/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	3/23/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	4/25/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	5/24/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	6/21/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	7/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	8/23/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
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-38-27	1/17/2022	09 32	-0.29	-0.25	0.0	0	5 9	13.9	0.0	0.0	0.0	0.0	
VMP-38-27	2/21/2022	09:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-27	3/23/2022	09 29	-0.21	-0.28	0.0	0	4 5	15.4	0.0	0.0	0.0	0.0	
VMP-38-27	4/25/2022	09:47	-0.27	-0.17	0.0	0	3 2	17.6	0.0	0.0	0.0	0.0	
VMP-38-27	5/24/2022	10:43	-1.17	0.00	0.0	0	3 0	17.9	0.0	0.0	0.0	0.0	
VMP-38-27	6/21/2022	09:16	0.00	0.00	0.0	0	3.1	17.1	0.0	0.0	0.0	0.0	
VMP-38-27	7/20/2022	09 51	0.00	0.00	0.0	0	3 5	16.0	0.0	0.0	0.0	0.0	
VMP-38-27	8/23/2022	10 27	-0.13	-0.12	0.0	0	4 0	14.8	0.0	0.0	0.0	0.0	
VMP-38-27	9/20/2022	10 31	0.00	0.00	0.0	0	4 8	13.7	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	
VMP-39-10	1/17/2022	09 20	-0.13	-0.11	0.0	0	0 6	20.6	0.0	0.0	0.0	0.0	
VMP-39-10	2/21/2022	09 30	0.11	0.16	0.0	0	3.7	14.5	0.0	0.0	0.0	0.0	
VMP-39-10	3/23/2022	09:17	-0.13	0.00	0.0	0	4 6	13.8	0.1	1.0	0.0	1.0	
VMP-39-10	4/25/2022	09 30	-0.71	0.31	0.0	0	0 2	20.8	0.0	0.0	0.0	0.0	
VMP-39-10	5/24/2022	10 30	-0.09	0.00	0.0	0	2 3	17.5	0.0	0.0	0.0	0.0	
VMP-39-10	6/21/2022	09:10	0.00	0.00	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-39-10	7/20/2022	09 35	0.00	0.00	0.0	0	6 5	11.7	0.1	2.0	2.0	0.0	
VMP-39-10	8/23/2022	10:15	0.00	0.00	0.0	0	4.7	14.9	0.2	0.8	0.8	0.0	
VMP-39-10	9/20/2022	10:15	0.00	0.00	0.0	0	6 2	12.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	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-39-20	1/17/2022	09 21	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	2/21/2022	09 31	0.00	0.10	0.0	0	2 0	16.6	0.0	1.0	0.5	0.5	
VMP-39-20	3/23/2022	09:18	0.00	0.00	0.0	0	2 5	18.8	0.0	2.0	0.2	1.8	
VMP-39-20	4/25/2022	09 31	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	5/24/2022	10 31	0.00	0.00	0.0	0	2.1	17.9	0.0	0.0	0.0	0.0	
VMP-39-20	6/21/2022	09:11	0.00	0.00	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-39-20	7/20/2022	09 36	0.00	0.00	0.0	0	3 9	16.7	0.0	4.4	4.4	0.0	
VMP-39-20	8/23/2022	10:16	0.00	0.00	0.0	0	1 2	19.5	0.0	0.0	0.0	0.0	
VMP-39-20	9/20/2022	10:16	0.00	0.00	0.0	0	1.7	19.2	0.0	2.0	0.9	1.1	
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-39-30	1/17/2022	09 22	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	2/21/2022	09 32	0.00	0.11	0.0	0	1 8	17.0	0.0	1.2	0.7	0.5	
VMP-39-30	3/23/2022	09:19	0.00	0.00	0.0	0	2 0	19.7	0.0	1.5	0.0	1.5	
VMP-39-30	4/25/2022	09 32	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	5/24/2022	10 32	0.00	0.00	0.0	0	2 0	18.0	0.0	0.0	0.0	0.0	
VMP-39-30	6/21/2022	09:12	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-39-30	7/20/2022	09 37	0.00	0.00	0.0	0	2 8	18.7	0.0	1.9	1.9	0.0	
VMP-39-30	8/23/2022	10:17	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-39-30	9/20/2022	10:17	0.00	0.00	0.0	0	0.7	20.4	0.0	0.5	0.5	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	
VMP-41-10	1/17/2022	10 05	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	2/21/2022	09:44	0.00	0.00	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-41-10	3/23/2022	11 00	0.00	0.00	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-41-10	4/25/2022	10:13	-0.50	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-41-10	5/24/2022	10:15	0.00	0.00	0.0	0	0 8	19.4	0.0	0.0	0.0	0.0	
VMP-41-10	6/22/2022	10 00	0.00	0.00	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	
VMP-41-10	7/21/2022	08 07	0.00	0.00	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	
VMP-41-10	8/23/2022	10 20	0.00	0.00	0.0	0	2 0	18.5	0.0	0.0	0.0	0.0	
VMP-41-10	9/20/2022	08 05	0.00	0.00	0.0	0	2 0	18.7	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-41-20	1/17/2022	10 06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-20	2/21/2022	09:45	0.00	0.00	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-41-20	3/23/2022	11 01	0.00	0.00	0.0	0	0 5	20.1	0.0	0.0	0.0	0.0	
VMP-41-20	4/25/2022	10:14	-0.16	0.00	0.0	0	0.4	20.1	0.0	0.0	0.0	0.0	
VMP-41-20	5/24/2022	10:16	0.00	0.00	0.0	0	0 5	19.4	0.0	0.0	0.0	0.0	
VMP-41-20	6/22/2022	10 01	0.00	0.00	0.0	0	0 8	19.0	0.0	0.0	0.0	0.0	
VMP-41-20	7/21/2022	08 08	0.00	0.00	0.0	0	1 3	18.8	0.0	0.0	0.0	0.0	
VMP-41-20	7/21/2022	08 08	NM	NM	0.0	0	1.4	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-20	8/23/2022	10 21	0.00	0.00	0.0	0	1 8	18.2	0.0	0.0	0.0	0.0	
VMP-41-20	9/20/2022	08 06	0.00	0.00	0.0	0	2.1	18.4	0.0	0.0	0.0	0.0	
VMP-41-20	9/20/2022	08 06	NM	NM	0.0	0	2.1	18.4	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-41-26	1/17/2022	10 07	-0.14	-0.11	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-41-26	2/21/2022	09:46	-0.39	0.00	0.0	0	0 9	19.8	0.0	0.0	0.0	0.0	
VMP-41-26	3/23/2022	11 02	0.00	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-41-26	3/23/2022	11 02	NM	NM	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	4/25/2022	10:15	0.00	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-41-26	5/24/2022	10:17	0.00	0.00	0.0	0	0 8	19.1	0.0	0.0	0.0	0.0	
VMP-41-26	6/22/2022	10 02	0.00	0.00	0.0	0	0 8	18.7	0.0	0.0	0.0	0.0	
VMP-41-26	7/21/2022	08 09	0.00	0.00	0.0	0	1 2	18.4	0.0	0.0	0.0	0.0	
VMP-41-26	8/23/2022	10 22	0.00	0.00	0.0	0	1.7	18.0	0.0	0.0	0.0	0.0	
VMP-41-26	9/20/2022	09 07	0.00	0.00	0.0	0	2.1	17.9	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	
VMP-42-10	1/18/2022	10 55	-0.13	0.00	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-42-10	2/22/2022	11 05	-0.15	-0.15	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-42-10	2/22/2022	11 05	NM	NM	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-10	3/24/2022	12 30	-0.11	-0.20	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-42-10	4/26/2022	11 20	-0.11	-0.09	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-42-10	5/25/2022	12 37	-0.12	0.00	0.0	0	0 9	20.0	0.0	0.0	0.0	0.0	
VMP-42-10	6/22/2022	09 54	0.00	-0.12	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	7/21/2022	09 05	-0.14	-0.11	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-42-10	8/24/2022	09:10	-0.12	-0.13	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-42-10	8/24/2022	09:10	NM	NM	0.0	0	1 8	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-10	9/21/2022	10:10	0.00	0.00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	9/21/2022	10:10	NM	NM	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	Duplicate sample.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	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-42-20	1/18/2022	10 56	-0.15	-0.09	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	
VMP-42-20	2/22/2022	11 06	-0.19	-0.40	0.0	0	1 2	20.2	0.0	0.0	0.0	0.0	
VMP-42-20	3/24/2022	12 31	-0.64	-0.54	0.0	0	1 0	20.3	0.0	0.0	0.0	0.0	
VMP-42-20	4/26/2022	11 21	-0.49	-0.25	0.0	0	0 9	20.0	0.0	0.0	0.0	0.0	
VMP-42-20	5/25/2022	12 38	0.00	-0.11	0.0	0	1.4	18.9	0.0	0.0	0.0	0.0	
VMP-42-20	6/22/2022	09 55	-0.33	-0.39	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	
VMP-42-20	7/21/2022	09 06	-0.21	-0.14	0.0	0	2 2	19.1	0.0	0.0	0.0	0.0	
VMP-42-20	8/24/2022	09:11	0.00	-0.15	0.0	0	2 3	18.7	0.0	0.0	0.0	0.0	
VMP-42-20	9/21/2022	10:11	-0.09	0.00	0.0	0	1.4	19.8	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-42-30	1/18/2022	10 57	-0.36	-0.29	0.0	0	2 5	19.5	0.0	0.0	0.0	0.0	
VMP-42-30	2/22/2022	11 07	-0.85	-0.83	0.0	0	2 3	19.7	0.0	0.0	0.0	0.0	
VMP-42-30	3/24/2022	12 32	-0.64	-0.81	0.0	0	1 8	20.0	0.0	0.0	0.0	0.0	
VMP-42-30	4/26/2022	11 22	-0.74	-0.66	0.0	0	1 5	19.9	0.0	0.0	0.0	0.0	
VMP-42-30	4/26/2022	11 22	NM	NM	0.0	0	1 5	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	5/25/2022	12 39	-0.40	-0.13	0.0	0	1 3	19.3	0.0	0.0	0.0	0.0	
VMP-42-30	6/22/2022	09 56	-0.75	-0.80	0.0	0	1 6	19.1	0.0	0.0	0.0	0.0	
VMP-42-30	7/21/2022	09 07	-0.98	-0.81	0.0	0	2 2	18.8	0.0	0.0	0.0	0.0	
VMP-42-30	8/24/2022	09:12	-0.83	-0.81	0.0	0	2 6	18.3	0.0	0.0	0.0	0.0	
VMP-42-30	9/21/2022	10:12	-0.72	-0.60	0.0	0	3 0	18.3	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	
VMP-43-10	1/18/2022	10 02	-0.67	-0.79	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-43-10	2/22/2022	09 37	-0.97	-1.05	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-43-10	3/24/2022	13 25	-0.88	-0.91	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-43-10	4/26/2022	13:19	-1.08	-0.95	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-43-10	5/25/2022	13:43	-0.48	-0.69	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-43-10	6/22/2022	13 05	-1.59	-1.59	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-43-10	7/21/2022	09 50	-1.41	-1.42	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-43-10	8/24/2022	12 55	-1.38	-1.33	0.0	0	0 8	20.4	0.0	0.0	0.0	0.0	
VMP-43-10	9/20/2022	14 20	0.00	-1.04	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-43-20	1/18/2022	10 03	-1.22	-1.05	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-43-20	2/22/2022	09 38	-0.75	-1.40	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-43-20	3/24/2022	13 26	-0.84	-1.23	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-43-20	4/26/2022	13 20	-2.08	-1.40	0.0	0	0 5	20.2	0.0	0.0	0.0	0.0	
VMP-43-20	5/25/2022	13:44	-4.04	-1.21	0.0	0	0 6	19.8	0.0	0.0	0.0	0.0	
VMP-43-20	6/22/2022	13 06	-2.95	-2.65	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-43-20	6/22/2022	13 07	NM	NM	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	7/21/2022	09 51	-2.73	-2.40	0.0	0	0 9	19.9	0.0	0.0	0.0	0.0	
VMP-43-20	8/24/2022	12 56	-2.72	-2.30	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-43-20	9/20/2022	14 21	-1.89	-1.99	0.0	0	0.7	20.3	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-43-30	1/18/2022	10 04	-1.12	-0.95	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-43-30	2/22/2022	09 39	-1.30	-1.35	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	3/24/2022	13 27	-1.22	-1.19	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-30	4/26/2022	13 21	-1.46	-1.36	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-43-30	5/25/2022	13:45	-3.97	-2.43	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-43-30	6/22/2022	13 07	-4.16	-4.01	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-43-30	7/21/2022	09 52	-3.80	-3.80	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-43-30	8/24/2022	12 57	-3.75	-3.71	0.0	0	0 9	20.1	0.0	0.0	0.0	0.0	
VMP-43-30	9/20/2022	14 22	-2.21	-3.36	0.0	0	0 6	20.4	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	
VMP-45-10	1/17/2022	13 53	0.00	0.00	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	2/21/2022	14 08	0.00	0.13	0.0	0	0 9	20.1	0.0	0.0	0.0	0.0	
VMP-45-10	3/24/2022	09:44	0.00	0.00	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	4/26/2022	10 38	-0.13	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-45-10	5/25/2022	09 05	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-45-10	6/22/2022	12 55	0.27	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-45-10	7/21/2022	11:43	0.00	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-45-10	8/24/2022	08:49	0.00	0.00	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-45-10	9/20/2022	11:40	0.00	0.00	0.0	0	1 5	19.8	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-45-20	1/18/2022	13 54	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-45-20	2/21/2022	14 09	0.00	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-45-20	3/24/2022	09:45	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-45-20	4/26/2022	10 39	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-45-20	5/25/2022	09 06	0.00	0.00	0.0	0	0 9	19.9	0.0	0.0	0.0	0.0	
VMP-45-20	6/22/2022	12 56	0.00	0.00	0.0	0	1 0	19.9	0.0	0.0	0.0	0.0	
VMP-45-20	7/21/2022	11:44	0.00	0.00	0.0	0	1.4	19.2	0.0	0.0	0.0	0.0	
VMP-45-20	8/24/2022	08 50	0.00	0.00	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-45-20	9/20/2022	11:41	0.00	0.00	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-45-20	9/20/2022	11:41	NM	NM	0.0	0	1 5	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
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-45-30	1/18/2022	13 55	0.00	0.00	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-45-30	2/21/2022	14:10	0.00	0.00	0.0	0	0 8	20.1	0.0	0.0	0.0	0.0	
VMP-45-30	2/21/2022	14:10	NM	NM	0.0	0	0 9	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	3/24/2022	09:46	0.00	0.00	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-45-30	4/26/2022	10:40	0.00	0.00	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-45-30	5/25/2022	09 07	-0.21	0.00	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-45-30	6/22/2022	12 57	0.00	0.00	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	7/21/2022	11:45	0.00	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-45-30	8/24/2022	08 51	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-45-30	9/20/2022	11:42	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
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.
VMP-46-10	1/17/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	2/21/2022	12 05	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	3/23/2022	11 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	4/25/2022	11 30	-0.14	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-46-10	5/24/2022	12 20	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	6/21/2022	08 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	7/20/2022	09:10	-0.12	-0.12	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-46-20	1/17/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	2/21/2022	12 06	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	3/23/2022	11 09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	4/25/2022	11 31	-0.18	-0.18	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-46-20	5/24/2022	12 21	-0.12	-0.12	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	6/21/2022	08 04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	7/20/2022	09:11	-0.13	-0.13	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-20	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	9/20/2022	00 00	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-46-30	1/17/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	2/21/2022	12 07	0.64	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	2/21/2022	12 07	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	3/23/2022	11:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	4/25/2022	11 32	-0.16	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-46-30	5/24/2022	12 22	-0.19	-0.10	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	6/21/2022	08 05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	7/20/2022	09:12	-0.16	-0.16	0.0	0	0.1	20.8	0.0	0.8	0.8	0.0	
VMP-46-30	8/23/2022	11:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	9/20/2022	00 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
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	
VMP-47-5	1/18/2022	08 35	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-47-5	2/21/2022	14:40	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-47-5	3/24/2022	08 50	0.00	-0.11	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-47-5	4/26/2022	08 50	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-47-5	5/25/2022	09 04	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-47-5	6/21/2022	11:40	0.00	0.00	0.0	0	1 5	19.8	0.0	0.0	0.0	0.0	
VMP-47-5	7/20/2022	12:40	0.00	0.00	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-47-5	8/24/2022	08 00	-0.09	0.00	0.0	0	1 8	19.8	0.0	0.0	0.0	0.0	
VMP-47-5	9/21/2022	11 55	0.00	0.00	0.0	0	1 3	19.6	0.0	0.0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-47-10	1/18/2022	08 36	0.00	-0.09	0.0	0	0 5	20.6	0.0	0.0	0.0	0.0	
VMP-47-10	2/21/2022	14:41	-0.11	-0.09	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	3/24/2022	08 51	-0.16	-0.23	0.0	0	0 9	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	4/26/2022	08 51	-0.21	-0.17	0.0	0	1 0	20.1	0.0	0.0	0.0	0.0	
VMP-47-10	5/25/2022	09 05	-0.23	-0.16	0.0	0	1 5	19.9	0.0	0.0	0.0	0.0	
VMP-47-10	6/21/2022	11:41	-0.13	-0.09	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	
VMP-47-10	7/20/2022	12:41	-0.11	-0.10	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-47-10	8/24/2022	08 01	-0.20	-0.16	0.0	0	2.4	19.2	0.0	0.0	0.0	0.0	
VMP-47-10	9/21/2022	11 56	0.00	0.00	0.0	0	1 9	19.3	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-47-20	1/18/2022	08 37	-1.00	-1.24	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-20	2/21/2022	14:42	-14.70	-1.12	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-47-20	3/24/2022	08 52	-1.80	-1.62	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-47-20	4/26/2022	08 52	-1.66	-1.62	0.0	0	0 9	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	5/25/2022	09 06	-1.37	-1.41	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-47-20	6/21/2022	11:42	-1.23	-1.17	0.0	0	1 8	19.4	0.0	0.0	0.0	0.0	
VMP-47-20	6/21/2022	11:42	NM	NM	0.0	0	1 8	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	7/20/2022	12:42	-1.15	-1.15	0.0	0	2 2	19.0	0.0	0.0	0.0	0.0	
VMP-47-20	8/24/2022	08 02	-1.39	-1.38	0.0	0	2.7	19.0	0.0	0.0	0.0	0.0	
VMP-47-20	8/24/2022	08 02	NM	NM	0.0	0	2 8	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	9/21/2022	11 57	-0.81	-0.89	0.0	0	2 0	19.2	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	
VMP-47-30	1/18/2022	08 38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-47-30	2/21/2022	14:43	-1.39	-10 80	0.0	0	1 6	19.9	0.0	0.0	0.0	0.0	
VMP-47-30	3/24/2022	08 53	-1.73	-1.77	0.0	0	1 3	20.1	0.0	0.0	0.0	0.0	
VMP-47-30	3/24/2022	08 53	NM	NM	0.0	0	1.4	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	4/26/2022	08 53	-1.78	-1.73	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-47-30	5/25/2022	09 07	-1.39	-1.46	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-47-30	6/21/2022	11:43	-1.28	-1.20	0.0	0	1 0	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	7/20/2022	12:43	-1.18	-1.17	0.0	0	1.1	19.3	0.0	0.0	0.0	0.0	
VMP-47-30	8/24/2022	08 03	-1.48	-1.46	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	9/21/2022	11 58	-0.93	-0.89	0.0	0	2 0	18.4	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-5	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-48-5	1/18/2022	10:10	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-48-5	2/22/2022	10 25	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-48-5	3/24/2022	10:15	-1.99	-0.36	0.0	0	0.7	19.6	0.0	0.0	0.0	0.0	
VMP-48-5	4/26/2022	11 00	0.00	-0.41	0.0	0	1 3	18.7	0.0	0.0	0.0	0.0	
VMP-48-5	5/25/2022	10 57	0.00	0.00	0.0	0	2 6	17.9	0.0	0.0	0.0	0.0	
VMP-48-5	6/21/2022	13:40	0.00	0.00	0.0	0	3 6	17.8	0.0	0.0	0.0	0.0	
VMP-48-5	7/20/2022	13 50	0.00	0.00	0.0	0	4 2	16.5	0.0	0.0	0.0	0.0	
VMP-48-5	8/24/2022	09 00	0.00	0.00	0.0	0	3.7	18.2	0.0	0.0	0.0	0.0	
VMP-48-5	9/21/2022	11:10	0.00	0.00	0.0	0	2 9	18.5	0.0	0.0	0.0	0.0	
VMP-48-5	9/21/2022	11:10	NM	NM	0.0	0	2 8	18.6	0.0	0.0	0.0	0.0	Duplicate sample.
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-48-10	1/18/2022	10:11	0.00	0.00	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-48-10	2/22/2022	10 26	-0.16	-0.53	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-48-10	3/24/2022	10:16	-0.64	0.00	0.0	0	0 5	20.0	0.0	0.0	0.0	0.0	
VMP-48-10	4/26/2022	11 01	-0.94	-0.35	0.0	0	0 9	19.4	0.0	0.0	0.0	0.0	
VMP-48-10	5/25/2022	10 58	-0.21	-0.21	0.0	0	2 2	18.6	0.0	0.0	0.0	0.0	
VMP-48-10	6/21/2022	13:41	-0.10	-0.17	0.0	0	2 9	18.6	0.0	0.0	0.0	0.0	
VMP-48-10	7/20/2022	13 51	0.00	-0.12	0.0	0	3 2	17.7	0.0	0.0	0.0	0.0	
VMP-48-10	8/24/2022	09 01	-0.16	-0.14	0.0	0	3 3	18.5	0.0	0.0	0.0	0.0	
VMP-48-10	9/21/2022	11:11	0.00	-0.12	0.0	0	2 5	18.9	0.0	0.0	0.0	0.0	
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	
VMP-48-20	1/18/2022	10:12	0.00	0.00	0.0	0	2.4	19.6	0.0	0.0	0.0	0.0	
VMP-48-20	2/22/2022	10 27	-0.18	-0.23	0.0	0	0 9	20.2	0.0	0.0	0.0	0.0	
VMP-48-20	3/24/2022	10:17	-7.86	-0.40	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-48-20	4/26/2022	11 02	-0.14	-0.17	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-48-20	5/25/2022	10 59	-1.31	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-48-20	6/21/2022	13:42	0.00	0.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-48-20	6/22/2022	13 20	0.00	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Re-sampled to confirm initial sample results.
VMP-48-20	7/20/2022	13 52	0.00	0.00	0.0	0	0 0	20.9	0.7	0.0	0.0	0.0	
VMP-48-20	8/24/2022	09 02	-0.17	-0.15	0.0	0	2 3	18.2	0.0	0.0	0.0	0.0	
VMP-48-20	9/21/2022	11:12	0.00	-0.13	0.0	0	3.4	17.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-30	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-48-30	1/18/2022	10:13	-1.15	-1.29	0.0	0	3 8	18.2	0.0	0.0	0.0	0.0	
VMP-48-30	2/22/2022	10 28	-1.57	-1.80	0.0	0	3 8	18.4	0.0	0.0	0.0	0.0	
VMP-48-30	3/24/2022	10:18	-10.40	-1.62	0.0	0	2 6	19.5	0.0	0.0	0.0	0.0	
VMP-48-30	4/26/2022	11 03	-0.82	-0.75	0.0	0	1 2	20.1	0.0	0.0	0.0	0.0	
VMP-48-30	5/25/2022	11 00	-1.38	-1.54	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-48-30	6/21/2022	13:43	-0.96	-1.06	0.0	0	1 6	19.2	0.0	0.0	0.0	0.0	
VMP-48-30	7/20/2022	13 53	-0.44	-0.59	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-48-30	8/24/2022	09 03	-1.80	-1.75	0.0	0	2.7	17.9	0.8	6.2	0.0	6.2	
VMP-48-30	8/24/2022	11 05	-1.35	NM	0.0	0	3 2	17.3	0.8	6.8	0.0	6.8	Re-sampled to confirm initial results.
VMP-48-30	9/21/2022	11:13	-1.59	-1.56	0.0	0	3 6	16.6	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-49-5	1/18/2022	10 35	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-49-5	2/22/2022	10:13	0.00	-0.23	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-49-5	3/24/2022	12 55	-0.13	-0.12	0.0	0	0 6	20.5	0.0	0.0	0.0	0.0	
VMP-49-5	4/26/2022	12:10	-0.18	-0.19	0.0	0	0 9	19.9	0.0	0.0	0.0	0.0	
VMP-49-5	5/25/2022	13 04	-0.10	0.00	0.0	0	1 0	19.6	0.0	0.0	0.0	0.0	
VMP-49-5	6/22/2022	10 20	-0.25	-0.33	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-49-5	7/21/2022	09 20	0.00	0.00	0.0	0	1 0	19.9	0.0	0.0	0.0	0.0	
VMP-49-5	8/24/2022	09:40	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-49-5	9/21/2022	09 25	0.00	0.00	0.0	0	0 2	20.7	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	
VMP-49-10	1/18/2022	10 36	0.12	-0.18	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-49-10	2/22/2022	10:14	-0.17	-0.20	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	3/24/2022	12 56	-0.10	-0.10	0.0	0	0 8	19.9	0.0	0.0	0.0	0.0	
VMP-49-10	4/26/2022	12:11	-0.16	-0.14	0.0	0	1 5	18.6	0.0	0.0	0.0	0.0	
VMP-49-10	5/25/2022	13 05	-0.11	0.00	0.0	0	2 3	18.1	0.0	0.0	0.0	0.0	
VMP-49-10	6/22/2022	10 21	-0.09	0.00	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-49-10	7/21/2022	09 21	0.00	0.00	0.0	0	1 0	19.9	0.0	0.0	0.0	0.0	
VMP-49-10	8/24/2022	09:41	-0.23	-0.21	0.0	0	3 5	18.2	0.0	0.0	0.0	0.0	
VMP-49-10	9/21/2022	09 26	0.23	-0.12	0.0	0	2 6	18.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-20	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-49-20	1/18/2022	10 37	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-49-20	2/22/2022	10:15	0.00	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-49-20	3/24/2022	12 57	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-49-20	4/26/2022	12:12	0.00	0.00	0.0	0	1 6	18.4	0.0	0.0	0.0	0.0	
VMP-49-20	5/25/2022	13 06	0.00	0.00	0.0	0	2 6	17.6	0.0	0.0	0.0	0.0	
VMP-49-20	6/22/2022	10 22	0.00	0.00	0.0	0	3 3	18.1	0.0	0.0	0.0	0.0	
VMP-49-20	7/21/2022	09 22	-0.17	0.00	0.0	0	2 9	18.2	0.0	0.0	0.0	0.0	
VMP-49-20	8/24/2022	09:42	0.00	0.00	0.0	0	2 5	19.0	0.0	0.0	0.0	0.0	
VMP-49-20	9/21/2022	09 27	0.00	0.00	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-49-20	9/21/2022	09 27	NM	NM	0.0	0	0 2	20.5	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-49-30	1/18/2022	10 38	-0.23	-0.18	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-49-30	2/22/2022	10:16	-0.48	-0.53	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-49-30	3/24/2022	12 58	-0.73	-0.17	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-49-30	4/26/2022	12:13	-0.25	-0.37	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-49-30	5/25/2022	13 07	-0.18	-0.09	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-49-30	6/22/2022	10 23	-0.62	-0.69	0.0	0	0 8	20.1	0.0	0.0	0.0	0.0	
VMP-49-30	7/21/2022	09 23	-0.74	-0.65	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-49-30	8/24/2022	09:43	-0.82	-0.14	0.0	0	0 5	20.2	0.0	0.0	0.0	0.0	
VMP-49-30	9/21/2022	09 28	0.00	-0.49	0.0	0	0 8	20.3	5.3	10.4	0.0	10.4	Silicone tubing damaged upon arrival. Surface run-off may have entered port. Tubing replaced.
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	
VMP-50-5	1/18/2022	08 54	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-50-5	2/22/2022	08 51	0.00	0.00	0.0	0	0 8	19.8	0.0	0.0	0.0	0.0	
VMP-50-5	3/24/2022	12:14	0.00	0.00	0.0	0	1 0	19.6	0.0	0.0	0.0	0.0	
VMP-50-5	4/26/2022	12:42	0.00	0.00	0.0	0	1 2	19.3	0.0	0.0	0.0	0.0	
VMP-50-5	5/25/2022	10 30	-0.21	0.00	0.0	0	2.7	16.8	0.0	0.0	0.0	0.0	
VMP-50-5	6/22/2022	13 55	0.00	0.00	0.0	0	5.1	12.9	0.0	0.0	0.0	0.0	
VMP-50-5	7/21/2022	11:10	0.00	0.00	0.0	0	7.7	10.8	0.0	0.0	0.0	0.0	
VMP-50-5	8/24/2022	13 53	0.00	0.00	0.0	0	7 9	11.0	0.0	0.0	0.0	0.0	
VMP-50-5	9/20/2022	14 00	0.00	0.00	0.0	0	7.7	11.5	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-10	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-50-10	1/18/2022	08 55	0.00	0.00	0.0	0	3 5	17.3	0.0	0.0	0.0	0.0	
VMP-50-10	2/22/2022	08 52	0.00	0.00	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-50-10	3/24/2022	12:15	0.00	0.00	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-50-10	4/26/2022	12:43	0.00	0.00	0.0	0	2 2	18.4	0.0	0.0	0.0	0.0	
VMP-50-10	5/25/2022	10 31	0.00	0.00	0.0	0	2 5	17.8	0.0	0.0	0.0	0.0	
VMP-50-10	6/22/2022	13 56	0.00	0.00	0.0	0	2 9	16.6	0.0	0.0	0.0	0.0	
VMP-50-10	7/21/2022	11:11	0.00	0.00	0.0	0	4.1	14.9	0.0	0.0	0.0	0.0	
VMP-50-10	8/24/2022	13 54	0.00	0.00	0.0	0	5 0	13.7	0.0	0.0	0.0	0.0	
VMP-50-10	9/20/2022	14 01	0.00	0.00	0.0	0	5 0	14.3	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-50-20	1/18/2022	08 56	0.00	0.00	0.0	0	3 3	16.6	0.0	0.0	0.0	0.0	
VMP-50-20	2/22/2022	08 53	0.00	0.00	0.0	0	3.4	16.8	0.0	0.0	0.0	0.0	
VMP-50-20	3/24/2022	12:16	0.00	-0.16	0.0	0	3 2	17.1	0.0	0.0	0.0	0.0	
VMP-50-20	4/26/2022	12:44	0.00	0.00	0.0	0	3 0	17.0	0.0	0.0	0.0	0.0	
VMP-50-20	5/25/2022	10 32	0.00	0.00	0.0	0	3 3	16.5	0.0	0.0	0.0	0.0	
VMP-50-20	6/22/2022	13 57	-0.14	0.00	0.0	0	3.4	16.3	0.0	0.0	0.0	0.0	
VMP-50-20	7/21/2022	11:12	0.00	0.00	0.0	0	3 5	16.1	0.0	0.0	0.0	0.0	
VMP-50-20	8/24/2022	13 55	0.00	0.00	0.0	0	3 8	15.8	0.0	0.0	0.0	0.0	
VMP-50-20	9/20/2022	14 02	0.13	-1.45	0.0	0	3 0	17.1	0.0	0.0	0.0	0.0	
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	
VMP-50-30	1/18/2022	08 57	-1.72	-1.66	0.0	0	2.1	19.4	0.6	11.1	6.7	4.4	
VMP-50-30	2/22/2022	08 54	-1.52	-1.56	0.0	0	2 9	17.9	0.4	11.2	7.8	3.4	
VMP-50-30	3/24/2022	12:17	-1.43	-1.38	0.0	0	2 2	17.7	0.1	12.5	8.3	4.2	
VMP-50-30	4/26/2022	12:45	-0.61	-1.62	0.0	0	2 2	18.9	0.1	6.9	4.5	2.4	
VMP-50-30	5/25/2022	10 33	-1.79	-1.69	0.0	0	1 9	19.0	0.5	8.9	4.1	4.8	
VMP-50-30	6/22/2022	13 58	-2.09	-2.13	0.0	0	1 8	18.7	0.5	10.0	5.1	4.9	
VMP-50-30	7/21/2022	11:13	-1.72	-1.63	0.0	0	2 2	18.2	4.3	16.6	7.8	8.8	
VMP-50-30	8/24/2022	13 56	-1.70	-1.66	0.0	0	2 3	17.9	0.7	11.3	8.0	3.3	
VMP-50-30	9/20/2022	14 03	-1.36	-1.34	0.0	0	2 9	17.7	0.5	8.8	5.6	3.2	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-51-5	1/18/2022	08:43	0.00	0.00	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-51-5	2/21/2022	14 33	0.00	0.00	0.0	0	0 2	20.6	36.7	70.3	0.0	70 3	Silicone tubing damaged upon arrival. Surface run-off may have entered port. Tubing replaced.
VMP-51-5	2/22/2022	08 20	0.00	NM	0.0	0	0 2	20.7	14.1	25.4	0.0	25.4	Re-sample.
VMP-51-5	3/3/2022	09 00	0.00	NM	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-51-5	3/24/2022	10 23	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-51-5	4/26/2022	11:18	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-51-5	5/25/2022	10 00	0.00	0.00	0.0	0	0 8	19.6	0.0	0.0	0.0	0.0	
VMP-51-5	6/22/2022	13 55	0.00	0.00	0.0	0	1.1	20.2	0.0	0.0	0.0	0.0	
VMP-51-5	7/21/2022	12 06	0.00	0.00	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-51-5	8/24/2022	09:15	0.00	0.00	0.0	0	2 0	19.8	0.0	0.0	0.0	0.0	
VMP-51-5	9/20/2022	13:46	0.00	0.00	0.0	0	1.4	19.9	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-51-10	1/18/2022	08:44	-0.21	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-51-10	2/21/2022	14 34	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-51-10	3/24/2022	10 24	0.00	0.00	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-51-10	4/26/2022	11:19	0.00	0.00	0.0	0	0.7	19.8	0.0	0.0	0.0	0.0	
VMP-51-10	5/25/2022	10 01	0.00	0.00	0.0	0	1 6	19.1	0.0	0.0	0.0	0.0	
VMP-51-10	6/22/2022	13 56	0.00	0.00	0.0	0	2 2	19.4	0.0	0.0	0.0	0.0	
VMP-51-10	7/21/2022	12 07	0.00	0.00	0.0	0	2.7	18.4	0.0	0.0	0.0	0.0	
VMP-51-10	8/24/2022	09:16	0.00	0.10	0.0	0	2 9	18.5	0.0	0.0	0.0	0.0	
VMP-51-10	9/20/2022	13:47	0.00	0.00	0.0	0	0 8	20.4	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	
VMP-51-20	1/18/2022	08:45	0.00	-0.11	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-51-20	2/21/2022	14 35	0.00	0.00	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-51-20	3/24/2022	10 25	-0.16	-0.12	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-51-20	4/26/2022	11 20	-0.18	-0.16	0.0	0	1 5	19.3	0.0	0.0	0.0	0.0	
VMP-51-20	5/25/2022	10 02	0.00	0.00	0.0	0	1 6	19.2	0.0	0.0	0.0	0.0	
VMP-51-20	6/22/2022	13 57	0.00	0.00	0.0	0	1 9	19.0	0.0	0.0	0.0	0.0	
VMP-51-20	7/21/2022	12 08	0.00	0.00	0.0	0	2 3	18.6	0.0	0.0	0.0	0.0	
VMP-51-20	8/24/2022	09:17	-0.13	-0.10	0.0	0	2 5	18.4	0.0	0.0	0.0	0.0	
VMP-51-20	9/20/2022	13:48	0.00	0.00	0.0	0	2.7	18.3	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-51-30	1/18/2022	08:46	-0.10	0.00	0.0	0	3 0	18.6	0.0	0.0	0.0	0.0	
VMP-51-30	2/21/2022	14 36	0.00	0.00	0.0	0	2 6	18.9	0.0	0.0	0.0	0.0	
VMP-51-30	3/24/2022	10 26	-0.18	-0.12	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-51-30	4/26/2022	11 21	-0.24	-0.16	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-51-30	5/25/2022	10 03	0.00	0.00	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-51-30	6/22/2022	13 58	0.00	0.00	0.0	0	2.4	18.4	0.0	0.0	0.0	0.0	
VMP-51-30	7/21/2022	12 09	0.00	0.00	0.0	0	2 5	18.2	0.0	0.0	0.0	0.0	
VMP-51-30	8/24/2022	09:18	-0.29	-0.10	0.0	0	2 6	18.4	0.0	0.0	0.0	0.0	
VMP-51-30	9/20/2022	13:49	0.00	0.00	0.0	0	2 8	18.0	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-52-5	1/17/2022	13 24	0.00	0.00	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-52-5	2/21/2022	13 53	0.00	0.00	0.0	0	0.4	20.2	0.0	1.5	1.5	0.0	
VMP-52-5	3/24/2022	08 53	0.00	0.00	0.0	0	1.1	18.8	0.0	0.0	0.0	0.0	
VMP-52-5	4/26/2022	10:17	0.00	0.00	0.0	0	1.4	18.6	0.0	2.1	2.1	0.0	
VMP-52-5	5/25/2022	08 50	0.00	0.00	0.0	0	2 5	17.4	0.0	0.0	0.0	0.0	
VMP-52-5	5/25/2022	08 50	NM	NM	0.0	0	2 5	17.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-5	6/22/2022	12 35	0.00	0.00	0.0	0	3 5	17.4	0.0	0.0	0.0	0.0	
VMP-52-5	7/20/2022	13 58	0.00	0.00	0.0	0	4 6	15.4	0.7	0.0	0.0	0.0	
VMP-52-5	8/24/2022	08 20	-0.59	0.10	0.0	0	4 8	16.8	0.0	0.0	0.0	0.0	
VMP-52-5	9/20/2022	11 30	0.00	0.00	0.0	0	4.4	17.6	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	
VMP-52-10	1/17/2022	12 25	-0.42	-0.25	0.0	0	4 5	17.7	0.0	0.0	0.0	0.0	
VMP-52-10	2/21/2022	13 54	-0.52	-0.22	0.0	0	2 2	18.8	0.0	0.0	0.0	0.0	
VMP-52-10	3/24/2022	08 53	0.00	0.00	0.0	0	1 2	18.9	0.0	0.0	0.0	0.0	
VMP-52-10	4/26/2022	10:18	0.00	0.00	0.0	0	1 8	18.2	0.0	0.0	0.0	0.0	
VMP-52-10	5/25/2022	08 51	0.00	0.00	0.0	0	2 5	17.0	0.0	0.0	0.0	0.0	
VMP-52-10	6/22/2022	12 36	0.00	0.00	0.0	0	3.7	16.6	0.0	0.0	0.0	0.0	
VMP-52-10	7/20/2022	13 59	0.00	0.00	0.0	0	4 3	16.2	0.0	0.0	0.0	0.0	
VMP-52-10	8/24/2022	08 21	-12.85	0.46	0.0	0	4 8	15.2	0.0	0.0	0.0	0.0	
VMP-52-10	9/20/2022	11 31	0.00	0.00	0.0	0	5 2	15.1	0.0	0.0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-52-20	1/17/2022	13 26	0.00	-0.17	0.0	0	3 8	16.5	0.0	0.0	0.0	0.0	
VMP-52-20	2/21/2022	13 55	0.21	0.13	0.0	0	4 0	16.2	0.0	0.0	0.0	0.0	
VMP-52-20	3/24/2022	08 55	0.00	0.00	0.0	0	4.1	16.0	0.0	0.0	0.0	0.0	
VMP-52-20	3/24/2022	08 55	NM	NM	0.0	0	4.1	16.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-20	4/26/2022	10:19	0.00	0.00	0.0	0	4.1	16.1	0.0	0.0	0.0	0.0	
VMP-52-20	4/26/2022	10:19	NM	NM	0.0	0	4.1	16.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-20	5/25/2022	08 52	0.00	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-20	6/22/2022	12 37	0.00	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-20	7/20/2022	14 00	-0.11	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-20	8/24/2022	08 22	-0.13	0.00	0.0	0	4 3	15.9	0.0	0.0	0.0	0.0	
VMP-52-20	9/20/2022	11 32	0.00	0.00	0.0	0	4.4	15.6	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-52-30	1/17/2022	13 27	0.00	-0.20	0.0	0	3 2	17.3	0.0	0.0	0.0	0.0	
VMP-52-30	2/21/2022	13 56	0.22	0.15	0.0	0	4 0	16.3	0.0	0.0	0.0	0.0	
VMP-52-30	3/24/2022	08 56	0.00	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-30	4/26/2022	10 20	0.00	0.00	0.0	0	4 2	15.8	0.0	0.4	0.4	0.0	
VMP-52-30	5/25/2022	08 53	0.00	-0.10	0.0	0	4 3	15.8	0.0	0.0	0.0	0.0	
VMP-52-30	6/22/2022	12 38	-0.10	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-30	6/22/2022	12 38	NM	NM	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	7/20/2022	14 01	0.00	0.00	0.0	0	4 2	15.9	0.0	0.0	0.0	0.0	
VMP-52-30	8/24/2022	08 23	-0.31	0.00	0.0	0	4 3	15.8	0.0	0.0	0.0	0.0	
VMP-52-30	9/20/2022	11 33	0.00	0.00	0.0	0	3 8	16.4	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	
VMP-53-5	1/17/2022	11 36	-0.10	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-53-5	2/21/2022	11 51	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-53-5	3/23/2022	13:40	0.00	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-53-5	4/25/2022	14 30	0.00	0.00	0.0	0	0 9	19.8	0.0	0.0	0.0	0.0	
VMP-53-5	5/24/2022	11:45	0.00	0.00	0.0	0	1.7	18.6	0.0	0.0	0.0	0.0	
VMP-53-5	6/21/2022	13 20	0.00	0.00	0.0	0	2 9	17.6	0.0	0.0	0.0	0.0	
VMP-53-5	7/20/2022	12 28	0.00	0.00	0.0	0	3 6	17.1	0.0	0.0	0.0	0.0	
VMP-53-5	8/23/2022	13:12	0.00	0.00	0.0	0	3.7	17.0	0.0	0.0	0.0	0.0	
VMP-53-5	9/20/2022	10 33	0.00	0.00	0.0	0	3 9	17.2	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-10	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-53-10	1/17/2022	11 37	-0.19	0.00	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-53-10	2/21/2022	11 52	0.00	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-53-10	3/23/2022	13:41	0.00	0.00	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-53-10	3/23/2022	13:41	NM	NM	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-53-10	4/25/2022	14 32	0.00	0.00	0.0	0	0 6	20.0	0.0	0.0	0.0	0.0	
VMP-53-10	5/24/2022	11:46	0.00	0.00	0.0	0	1 2	18.9	0.0	0.0	0.0	0.0	
VMP-53-10	6/21/2022	13 21	0.00	0.00	0.0	0	2.1	18.1	0.0	0.0	0.0	0.0	
VMP-53-10	7/20/2022	12 29	0.00	0.00	0.0	0	2 8	17.8	0.0	0.0	0.0	0.0	
VMP-53-10	8/23/2022	13:13	0.00	0.00	0.0	0	3 5	16.9	0.0	0.0	0.0	0.0	
VMP-53-10	9/20/2022	10 34	0.00	0.00	0.0	0	3.1	18.1	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-53-20	1/17/2022	11 37	-0.11	0.00	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-53-20	2/21/2022	11 53	0.52	0.09	0.0	0	1 0	19.7	0.0	0.0	0.0	0.0	
VMP-53-20	3/23/2022	13:42	-0.16	-0.11	0.0	0	1 0	20.0	0.0	0.0	0.0	0.0	
VMP-53-20	4/25/2022	14 34	0.00	0.00	0.0	0	1 3	19.4	0.0	0.0	0.0	0.0	
VMP-53-20	5/24/2022	11:47	0.00	0.00	0.0	0	1 6	18.9	0.0	0.0	0.0	0.0	
VMP-53-20	6/21/2022	13 22	0.14	0.00	0.0	0	1 8	18.5	0.0	0.0	0.0	0.0	
VMP-53-20	7/20/2022	12 30	0.00	0.00	0.0	0	2 0	18.3	0.0	0.0	0.0	0.0	
VMP-53-20	8/23/2022	13:14	0.00	0.00	0.0	0	2 2	18.3	0.0	0.0	0.0	0.0	
VMP-53-20	9/20/2022	10 35	0.00	0.00	0.0	0	2 8	17.6	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	
VMP-53-30	1/17/2022	11 39	-0.13	0.00	0.0	0	2 0	19.5	0.0	0.0	0.0	0.0	
VMP-53-30	2/21/2022	11 54	0.00	0.19	0.0	0	2 2	19.0	0.0	0.0	0.0	0.0	
VMP-53-30	3/23/2022	13:43	-0.18	-0.14	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-53-30	4/25/2022	14 36	0.00	0.00	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-53-30	5/24/2022	11:48	0.00	0.00	0.0	0	2 2	18.6	0.0	0.0	0.0	0.0	
VMP-53-30	6/21/2022	13 23	0.17	0.00	0.0	0	2 2	18.4	0.0	0.0	0.0	0.0	
VMP-53-30	7/20/2022	12 31	0.00	0.00	0.0	0	2 3	18.2	0.0	0.0	0.0	0.0	
VMP-53-30	8/23/2022	13:15	0.00	0.00	0.0	0	2 3	18.0	0.0	0.0	0.0	0.0	
VMP-53-30	9/20/2022	10 36	0.00	0.00	0.0	0	2 2	18.3	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-54-5	1/17/2022	11 50	0.00	0.00	0.0	0	1 9	19.0	0.0	0.0	0.0	0.0	
VMP-54-5	2/21/2022	12 03	0.18	0.00	0.0	0	1 8	18.7	0.0	0.0	0.0	0.0	
VMP-54-5	3/23/2022	14 03	0.00	0.00	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-54-5	4/25/2022	14:46	0.00	0.00	0.0	0	2 6	17.9	0.0	0.0	0.0	0.0	
VMP-54-5	5/24/2022	12 00	0.00	0.00	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	
VMP-54-5	6/21/2022	12:45	0.00	0.00	0.0	0	4 2	16.5	0.0	0.0	0.0	0.0	
VMP-54-5	7/20/2022	12 55	0.00	0.00	0.0	0	4 3	16.2	0.0	0.0	0.0	0.0	
VMP-54-5	8/23/2022	12 55	0.00	0.00	0.0	0	3 9	16.3	0.0	0.0	0.0	0.0	
VMP-54-5	9/20/2022	10:10	0.00	0.00	0.0	0	0 8	20.1	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-54-10	1/17/2022	11 51	0.00	0.00	0.0	0	2 9	17.9	0.0	0.0	0.0	0.0	
VMP-54-10	2/21/2022	12 04	-0.14	0.00	0.0	0	2 6	17.9	0.0	0.0	0.0	0.0	
VMP-54-10	3/23/2022	14 04	-0.24	0.00	0.0	0	2 5	18.1	0.0	0.0	0.0	0.0	
VMP-54-10	4/25/2022	14:48	0.00	0.00	0.0	0	2.4	18.0	0.0	0.0	0.0	0.0	
VMP-54-10	5/24/2022	12 01	0.00	0.00	0.0	0	2.7	17.1	0.0	0.0	0.0	0.0	
VMP-54-10	6/21/2022	12:46	0.00	0.00	0.0	0	3.1	16.7	0.0	0.0	0.0	0.0	
VMP-54-10	7/20/2022	12 56	0.00	0.00	0.0	0	3.4	16.3	0.0	0.0	0.0	0.0	
VMP-54-10	8/23/2022	12 57	0.00	0.00	0.0	0	4 0	15.3	0.0	0.0	0.0	0.0	
VMP-54-10	9/20/2022	10:11	0.00	0.00	0.0	0	4 0	15.6	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	
VMP-54-20	1/17/2022	11 52	0.00	0.00	0.0	0	3 9	16.3	0.0	0.0	0.0	0.0	
VMP-54-20	2/21/2022	12 05	0.25	1.24	0.0	0	3 5	16.4	0.0	0.0	0.0	0.0	
VMP-54-20	3/23/2022	14 05	-0.17	0.00	0.0	0	3 3	16.6	0.0	0.0	0.0	0.0	
VMP-54-20	4/25/2022	14 50	0.00	0.00	0.0	0	3 0	16.7	0.0	0.0	0.0	0.0	
VMP-54-20	5/24/2022	12 02	0.00	0.00	0.0	0	3 0	16.1	0.0	0.0	0.0	0.0	
VMP-54-20	6/21/2022	12:47	0.00	0.00	0.0	0	3.1	15.9	0.0	0.0	0.0	0.0	
VMP-54-20	7/20/2022	12 57	0.00	0.00	0.0	0	3 3	15.6	0.0	0.0	0.0	0.0	
VMP-54-20	8/23/2022	12 57	0.00	0.00	0.0	0	3.7	14.7	0.0	0.0	0.0	0.0	
VMP-54-20	9/20/2022	10:12	0.00	0.00	0.0	0	3 9	14.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-54-30	1/17/2022	11 53	0.00	0.00	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-54-30	2/21/2022	12 06	0.00	0.00	0.0	0	0 8	18.9	0.0	0.0	0.0	0.0	
VMP-54-30	3/23/2022	14 06	0.00	0.00	0.0	0	1 0	18.3	0.0	0.0	0.0	0.0	
VMP-54-30	4/25/2022	14 52	0.00	0.00	0.0	0	1 9	18.3	0.0	0.4	0.4	0.0	
VMP-54-30	4/25/2022	14 52	NM	NM	0.0	0	1 9	18.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	5/24/2022	12 03	0.00	0.00	0.0	0	3.4	16.5	0.0	0.0	0.0	0.0	
VMP-54-30	6/21/2022	12:48	0.00	0.00	0.0	0	4.1	17.0	0.0	0.0	0.0	0.0	
VMP-54-30	7/20/2022	12 58	0.00	0.00	0.0	0	4 3	16.4	0.0	0.0	0.0	0.0	
VMP-54-30	7/20/2022	12 58	NM	NM	0.0	0	4 2	16.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	8/23/2022	12 58	0.00	0.00	0.0	0	4 5	16.1	0.0	0.0	0.0	0.0	
VMP-54-30	9/20/2022	10:13	0.00	0.00	0.0	0	2 9	18.5	0.0	0.0	0.0	0.0	
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-55-5	1/17/2022	10 35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/21/2022	13 31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/23/2022	12 00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/25/2022	08 30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/24/2022	10 50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/22/2022	08:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	7/20/2022	11:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/23/2022	08 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/20/2022	07 55	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.
VMP-55-10	1/17/2022	10 36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/21/2022	13 32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/23/2022	12 01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/25/2022	08 31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/24/2022	10 51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/22/2022	08:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/20/2022	11:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/23/2022	08 26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/20/2022	07 56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-55-20	1/17/2022	10 37	-0.69	-0.43	17.5	OVR	18.3	0.6	166	101000	100000	1000	
VMP-55-20	2/21/2022	13 32	0.84	0.69	13.2	OVR	18.4	0.7	222	88360	77210	11150	
VMP-55-20	3/23/2022	12 02	0.00	-0.11	18.9	OVR	19.0	0.3	173	107000	95000	12000	
VMP-55-20	4/25/2022	08 32	-0.58	-0.48	23.3	OVR	18.3	0.9	141	139000	131000	8000	
VMP-55-20	5/24/2022	10 52	0.34	0.00	30.7	OVR	17.6	0.6	203	186000	165000	21000	
VMP-55-20	6/22/2022	08:14	-0.12	-0.09	28.4	OVR	18.0	0.7	204	176000	154000	22000	
VMP-55-20	7/20/2022	11 50	0.00	0.00	3.1	62	14.8	2.2	109	26950	22770	4180	
VMP-55-20	7/20/2022	11 50	NM	NM	3.0	61	14.7	1.7	122	30400	23970	6430	Duplicate sample.
VMP-55-20	8/23/2022	08 27	-0.14	-0.10	5.9	OVR	16.3	2.6	68 3	49490	44410	5080	
VMP-55-20	9/20/2022	07 57	-0.26	0.00	2.7	54	16.7	1.4	61 3	28340	26130	2210	
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-55-30	1/17/2022	10 38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/21/2022	13 34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/23/2022	12 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/25/2022	08 33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/24/2022	10 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/22/2022	08:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/20/2022	11 51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/23/2022	08 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/20/2022	07 58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
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	
VMP-56-10	1/18/2022	09 50	-0.46	-0.53	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	2/22/2022	09 20	-0.66	-0.67	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-56-10	3/3/2022	08 22	-0.87	NM	0.0	0	0 3	20.5	0.2	0.0	0.0	0.0	
VMP-56-10	3/24/2022	12:48	-0.58	-0.62	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-56-10	4/26/2022	13 08	-0.63	-0.59	0.0	0	0 9	20.0	0.0	0.0	0.0	0.0	
VMP-56-10	5/25/2022	13 51	-0.48	-0.51	0.0	0	0 8	19.7	0.0	0.0	0.0	0.0	
VMP-56-10	6/22/2022	12 59	-0.97	-1.05	0.0	0	0 8	20.3	0.0	0.0	0.0	0.0	
VMP-56-10	7/21/2022	10 00	-0.88	-0.88	0.0	0	0 9	20.0	0.0	0.0	0.0	0.0	
VMP-56-10	8/24/2022	13 05	-0.88	-0.86	0.0	0	1 3	20.1	0.0	0.0	0.0	0.0	
VMP-56-10	8/24/2022	13 05	NM	NM	0.0	0	1 3	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-56-10	9/20/2022	14 30	-0.63	-0.69	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-56-25	1/18/2022	09 51	-0.89	-0.71	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-56-25	2/22/2022	09 21	-1.12	-1.67	0.0	0	0 2	20.6	5.6	26.2	0.0	26 2	
VMP-56-25	3/3/2022	08 25	-1.43	NM	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	3/24/2022	12:49	-0.94	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-56-25	4/26/2022	13 09	-1.13	-1.06	0.0	0	0.1	20.7	3.2	20.5	0.0	20 5	
VMP-56-25	5/25/2022	13 52	-1.09	-1.21	0.0	0	0 8	19.8	0.0	0.0	0.0	0.0	
VMP-56-25	6/22/2022	12 56	-2.18	-2.28	0.0	0	1 3	19.7	0.2	0.3	0.0	0.3	
VMP-56-25	7/21/2022	10 01	-2.05	-2.06	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-56-25	8/24/2022	13 06	-2.02	-2.00	0.0	0	1 8	19.2	0.0	0.0	0.0	0.0	
VMP-56-25	9/20/2022	14 31	-1.66	-1.70	0.0	0	1 9	19.3	0.0	0.0	0.0	0.0	
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-56-38 5	1/18/2022	09 52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	2/22/2022	09 22	-1.12	-1.67	OVR	OVR	2 6	17.9	1247	154000	646	153354	
VMP-56-38 5	2/22/2022	09 22	NM	NM	OVR	OVR	2.4	18.5	1301	156000	639	155361	Duplicate sample.
VMP-56-38 5	3/3/2022	08 27	-1.53	NM	OVR	OVR	3 2	17.7	1519	117000	650	116350	
VMP-56-38 5	3/24/2022	12 50	0.00	-1.02	OVR	OVR	3.1	17.7	1535	102000	325	101675	
VMP-56-38 5	4/26/2022	13:10	-1.24	-1.17	OVR	OVR	2 9	17.6	962	151000	2310	148690	
VMP-56-38 5	5/25/2022	13 53	-1.83	-2.04	OVR	OVR	2.1	17.6	1385	168000	512	167488	
VMP-56-38 5	6/22/2022	12 57	-3.05	-3.14	OVR	OVR	1 6	18.8	1032	186000	210	185790	
VMP-56-38 5	7/21/2022	10 02	-2.94	-2.94	OVR	OVR	1 5	18.8	994	164000	252	163748	
VMP-56-38 5	8/24/2022	13 07	-2.83	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-56-38 5	9/20/2022	14 32	-2.52	-2.55	OVR	OVR	2 3	18.3	904	117000	143	116857	
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	
VMP-57-5A	1/17/2022	14:10	-0.20	-0.42	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-57-5A	2/22/2022	08:15	-0.10	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-57-5A	3/23/2022	14 25	-0.16	-0.21	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-57-5A	4/25/2022	14:10	-0.23	-0.19	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-57-5A	5/24/2022	14:40	0.00	0.00	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-57-5A	6/22/2022	08 52	0.00	0.00	0.0	0	2 0	18.4	0.0	0.0	0.0	0.0	
VMP-57-5A	7/21/2022	08 25	0.00	-0.09	0.0	0	2.7	17.9	0.0	0.0	0.0	0.0	
VMP-57-5A	8/23/2022	13 25	0.00	0.00	0.0	0	3.4	16.3	0.0	0.0	0.0	0.0	
VMP-57-5A	9/21/2022	14 35	0.00	0.00	0.0	0	3 2	17.7	0.3	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10	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-57-10	1/17/2022	14:11	-0.44	-0.15	0.0	0	0 2	20.8	0.0	0.0	0.0	0.0	
VMP-57-10	2/22/2022	08:16	-0.26	-0.45	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-57-10	3/23/2022	14 09	-0.69	-0.64	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-57-10	4/25/2022	14:11	-0.69	-0.60	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-57-10	5/24/2022	14:41	0.00	0.00	0.0	0	1 0	19.5	0.0	0.0	0.0	0.0	
VMP-57-10	6/22/2022	08 53	0.00	-0.34	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-57-10	7/21/2022	08 26	-0.47	-0.44	0.0	0	2 2	18.6	0.0	0.0	0.0	0.0	
VMP-57-10	8/23/2022	13 26	0.00	-0.13	0.0	0	3.4	16.5	0.0	0.0	0.0	0.0	
VMP-57-10	9/21/2022	14 36	0.00	0.00	0.0	0	2 8	18.5	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-57-20	1/17/2022	14:12	-0.29	-0.21	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-57-20	2/22/2022	08:17	-0.87	0.00	0.0	0	0 2	20.7	0.0	0.6	0.6	0.0	
VMP-57-20	3/23/2022	14:10	-1.18	-0.09	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-57-20	3/23/2022	14:10	NM	NM	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	4/25/2022	14:12	-0.95	-0.20	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-57-20	5/24/2022	14:42	0.18	0.00	0.0	0	1 0	19.3	0.0	0.0	0.0	0.0	
VMP-57-20	6/22/2022	08 57	0.00	-0.13	0.0	0	2 0	18.3	0.0	0.0	0.0	0.0	
VMP-57-20	7/21/2022	08 27	-7.67	-0.13	0.0	0	2 8	17.7	0.0	0.0	0.0	0.0	
VMP-57-20	8/23/2022	13 27	0.00	0.00	0.0	0	3 8	15.2	0.0	0.0	0.0	0.0	
VMP-57-20	9/21/2022	14 37	0.00	0.00	0.0	0	3 9	16.6	0.2	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	
VMP-58-5	1/17/2022	13 55	-0.71	-0.69	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	2/21/2022	14:10	0.00	-0.30	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	3/23/2022	13 50	0.00	-0.91	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	4/25/2022	13 55	-0.76	-0.04	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	5/24/2022	14 36	-0.29	-0.28	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-58-5	6/22/2022	08 32	-0.52	-0.52	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-58-5	7/21/2022	08:15	-0.67	-0.64	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-58-5	8/23/2022	13:10	-0.41	-0.36	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-58-5	9/21/2022	14 50	0.00	-0.20	0.0	0	0 5	20.2	0.5	0.0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-58-10	1/17/2022	13 56	-0.86	-0.82	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	2/21/2022	14:11	-0.12	-0.22	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	2/21/2022	14:11	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-10	3/23/2022	13 51	-0.96	-1.04	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	4/25/2022	13 56	-0.88	-1.00	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	5/24/2022	14 31	-0.35	-0.34	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-58-10	6/22/2022	08 33	-0.63	-0.64	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-58-10	6/22/2022	08 33	NM	NM	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-10	7/21/2022	08:16	-0.81	-0.76	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-58-10	8/23/2022	13:12	-0.63	-0.57	0.0	0	0 5	20.4	0.0	0.0	0.0	0.0	
VMP-58-10	9/21/2022	14 51	0.00	-0.26	0.0	0	0.4	20.4	0.2	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-58-20	1/17/2022	13 57	-0.77	-1.10	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	2/21/2022	14:12	0.22	-0.50	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	3/23/2022	13 52	-1.20	-1.27	0.0	0	0 2	20.8	0.0	0.0	0.0	0.0	
VMP-58-20	4/25/2022	13 57	-1.18	-1.22	0.0	0	0 2	20.6	0.0	0.0	0.0	0.0	
VMP-58-20	5/24/2022	14 32	-0.53	-0.42	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-58-20	6/22/2022	08 34	-0.81	-0.86	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-58-20	7/21/2022	08:17	-1.05	-0.99	0.0	0	0 8	19.8	0.0	0.0	0.0	0.0	
VMP-58-20	8/23/2022	13:12	-0.63	-0.57	0.0	0	1 3	19.2	0.0	0.0	0.0	0.0	
VMP-58-20	9/21/2022	14 52	-1.61	-0.42	0.0	0	1.4	19.7	0.6	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	
VMP-58-30	1/17/2022	13 58	-0.79	-1.36	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-58-30	2/21/2022	14:13	0.34	-0.61	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-58-30	3/23/2022	13 53	-0.76	-1.48	0.0	0	0 9	20.3	0.0	0.0	0.0	0.0	
VMP-58-30	4/25/2022	13 58	-1.25	-1.48	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-58-30	5/24/2022	14 33	-0.72	-0.61	0.0	0	0 6	19.7	0.0	0.0	0.0	0.0	
VMP-58-30	6/22/2022	08 35	-1.11	-1.06	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-58-30	7/21/2022	08:18	-1.29	-1.22	0.0	0	1.1	19.3	0.0	0.0	0.0	0.0	
VMP-58-30	8/23/2022	13:13	-0.85	-0.76	0.0	0	1 6	18.9	0.0	0.0	0.0	0.0	
VMP-58-30	9/21/2022	14 53	-0.25	-0.54	0.0	0	2 3	18.6	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-59-5	1/17/2022	13:40	-0.75	-0.69	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	2/21/2022	14 00	-13.50	-0.52	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	3/23/2022	13:40	-0.99	-0.89	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	4/25/2022	13:40	-0.79	-0.81	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	5/24/2022	14 20	-5.34	-0.26	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-5	6/22/2022	08:18	-3.21	-0.24	0.0	0	0 2	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	7/21/2022	08 06	-0.65	-0.51	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-59-5	8/23/2022	13 00	-0.52	-0.41	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-5	9/21/2022	15 00	-0.31	-0.31	0.0	0	0 5	20.3	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-59-10	1/17/2022	13:41	-0.77	-0.68	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	2/21/2022	14 01	-0.43	-0.48	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	3/23/2022	13:41	-0.89	-0.89	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	4/25/2022	13:41	-0.79	-0.77	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	5/24/2022	14 21	-0.52	-0.47	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-59-10	6/22/2022	08:19	-0.56	-0.51	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-59-10	7/21/2022	08 06	-0.65	-0.51	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-59-10	8/23/2022	13 01	-0.50	-0.41	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-10	9/21/2022	15 01	-0.32	-0.31	0.0	0	0.4	20.4	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	
VMP-59-20	1/17/2022	13:42	-3.66	-3.62	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	2/21/2022	14 02	-23.06	-2.82	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	3/23/2022	13:42	-3.19	-3.49	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	4/25/2022	13:42	-3.42	-3.99	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-59-20	5/24/2022	14 22	-2.72	-2.65	0.0	0	0 2	20.3	0.0	0.0	0.0	0.0	
VMP-59-20	6/22/2022	08 20	-2.84	-2.90	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	7/21/2022	08 07	-3.11	-2.96	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-59-20	7/21/2022	08 07	NM	NM	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-20	8/23/2022	13 02	-2.77	-2.14	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-59-20	9/21/2022	15 02	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-59-30	1/17/2022	13:43	-0.82	-0.78	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	2/21/2022	14 03	-0.48	-0.53	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	3/23/2022	13:43	-3.11	-1.01	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	4/25/2022	13:43	-0.85	-0.90	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	4/25/2022	13:43	NM	NM	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-30	5/24/2022	14 23	-0.52	-0.56	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-30	6/22/2022	08 21	-0.58	-0.58	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-30	7/21/2022	08 08	-0.66	-0.55	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-59-30	8/23/2022	13 03	-0.46	-0.45	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-59-30	9/21/2022	15 03	-0.34	-0.36	0.0	0	0 6	20.2	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-60-5	1/17/2022	11:10	-0.42	-0.54	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-60-5	2/21/2022	12 30	-0.25	-0.27	0.0	0	0 0	20.9	0.0	0.0	0.0	0.0	
VMP-60-5	3/23/2022	10:48	-0.48	-0.41	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-60-5	4/25/2022	11 55	-0.48	-0.60	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-60-5	5/24/2022	12:45	-0.47	-0.38	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-5	6/21/2022	08:16	-0.27	-0.23	0.0	0	0 5	20.3	0.0	0.0	0.0	0.0	
VMP-60-5	7/20/2022	08 35	-0.24	-0.27	0.0	0	1 2	19.6	0.0	0.0	0.0	0.0	
VMP-60-5	8/23/2022	11:15	-0.30	-0.31	0.0	0	1 2	19.7	0.0	0.0	0.0	0.0	
VMP-60-5	9/20/2022	11 53	-0.55	-0.25	0.0	0	1.1	19.7	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	
VMP-60-10	1/17/2022	11:11	-0.44	-0.38	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-60-10	2/21/2022	12 31	-0.22	-0.22	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-60-10	3/23/2022	10:49	-0.56	-0.42	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-60-10	4/25/2022	11 56	-0.78	-0.44	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	5/24/2022	12:46	-0.27	-0.31	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	6/21/2022	08:17	-0.26	-0.17	0.0	0	0 6	20.3	0.0	0.0	0.0	0.0	
VMP-60-10	7/20/2022	08 36	-0.36	-0.29	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-60-10	8/23/2022	11:16	-0.29	-0.23	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-60-10	9/20/2022	11 54	-0.14	-0.22	0.0	0	0 9	19.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-60-20	1/17/2022	11:12	-0.72	-0.73	0.0	0	0 3	20.7	0.0	0.0	0.0	0.0	
VMP-60-20	2/21/2022	12 32	-0.40	-0.44	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-60-20	3/23/2022	10 50	-0.79	-0.51	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-60-20	4/25/2022	11 57	-0.57	-0.53	0.0	0	0 3	20.5	0.0	0.0	0.0	0.0	
VMP-60-20	5/24/2022	12:47	-1.13	-0.57	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-60-20	6/21/2022	08:18	-0.73	-0.23	0.0	0	0 8	19.9	0.0	0.0	0.0	0.0	
VMP-60-20	7/20/2022	08 37	-0.30	-0.31	0.0	0	1 3	19.5	0.0	0.0	0.0	0.0	
VMP-60-20	8/23/2022	11:17	-0.56	-0.34	0.0	0	1 3	19.4	0.0	0.0	0.0	0.0	
VMP-60-20	8/23/2022	11:17	NM	NM	0.0	0	1 3	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-20	9/20/2022	11 55	-0.92	-0.42	0.0	0	1 2	19.5	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-60-33 5	1/17/2022	11:13	-0.44	-0.42	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-60-33 5	2/21/2022	12 33	-0.37	-0.24	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-60-33 5	3/23/2022	10 51	-0.60	-0.46	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-60-33 5	4/25/2022	11 58	-0.50	-0.49	0.0	0	0 2	20.5	0.0	0.0	0.0	0.0	
VMP-60-33 5	5/24/2022	12:48	-0.33	-0.45	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-33 5	6/21/2022	08:19	-0.37	-0.18	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-60-33 5	7/20/2022	08 38	-0.49	-0.30	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-60-33 5	7/20/2022	08 38	NM	NM	0.0	0	1 2	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-33 5	8/23/2022	11:18	-0.27	-0.23	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-60-33 5	9/20/2022	11 56	-0.09	-0.25	0.0	0	1 8	19.8	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	
VMP-61-5	1/17/2022	14 20	-0.38	-0.16	0.0	0	1 8	19.6	0.0	0.0	0.0	0.0	
VMP-61-5	2/22/2022	08 26	0.40	-0.22	0.0	0	1 6	19.2	0.0	0.0	0.0	0.0	
VMP-61-5	3/23/2022	14 25	0.00	-0.29	0.0	0	1 2	20.0	0.0	0.0	0.0	0.0	
VMP-61-5	4/25/2022	14 20	-0.13	0.00	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-61-5	5/24/2022	14 50	-0.48	0.15	0.0	0	2 0	18.7	0.0	0.0	0.0	0.0	
VMP-61-5	6/22/2022	09 02	-0.36	-0.15	0.0	0	2 5	18.2	0.0	0.0	0.0	0.0	
VMP-61-5	7/21/2022	08:40	-0.53	-0.17	0.0	0	3 9	15.6	0.0	0.0	0.0	0.0	
VMP-61-5	8/23/2022	13 35	-0.41	0.00	0.0	0	4 5	15.1	0.0	0.0	0.0	0.0	
VMP-61-5	9/21/2022	14 20	-0.50	0.00	0.0	0	5 0	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-10	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-61-10	1/17/2022	14 21	-0.25	-0.29	0.0	0	1 9	18.8	0.0	0.0	0.0	0.0	
VMP-61-10	2/22/2022	08 26	0.00	-0.28	0.0	0	1 6	19.0	0.0	0.0	0.0	0.0	
VMP-61-10	3/23/2022	14 26	-0.14	-0.40	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-61-10	4/25/2022	14 21	-0.31	-0.30	0.0	0	1 5	19.4	0.0	0.0	0.0	0.0	
VMP-61-10	5/24/2022	14 51	0.00	0.15	0.0	0	1 5	19.2	0.0	0.0	0.0	0.0	
VMP-61-10	6/22/2022	09 03	-0.21	-0.12	0.0	0	1 9	19.1	0.0	0.0	0.0	0.0	
VMP-61-10	7/21/2022	08:41	-0.21	-0.25	0.0	0	1.4	18.2	0.0	0.0	0.0	0.0	
VMP-61-10	8/23/2022	13 36	-0.13	0.00	0.0	0	2 9	17.2	0.0	0.0	0.0	0.0	
VMP-61-10	9/21/2022	14 21	0.13	0.00	0.0	0	2.1	18.9	0.1	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-61-20	1/17/2022	14 22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	2/22/2022	08 27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	3/23/2022	14 27	0.00	-0.37	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-61-20	4/25/2022	14 22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	5/24/2022	14 52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	6/22/2022	09 04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	7/21/2022	08:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	8/23/2022	13 37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-20	9/21/2022	14 22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
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.
VMP-61-30	1/17/2022	14 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/22/2022	08 28	0.00	0.00	0.0	0	2 3	18.6	0.0	0.0	0.0	0.0	
VMP-61-30	3/23/2022	14 28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/25/2022	14 23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/24/2022	14 53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/22/2022	09 05	-0.32	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-61-30	7/21/2022	08:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/23/2022	13 38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/21/2022	14 23	0.00	0.00	0.0	0	5.4	15.7	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-62-5	1/18/2022	08 55	0.00	-0.10	0.0	0	1 0	20.1	0.0	1.4	1.4	0.0	
VMP-62-5	2/22/2022	09 05	0.00	0.00	0.0	0	0 6	20.2	0.0	0.0	0.0	0.0	
VMP-62-5	3/24/2022	09 05	0.00	0.00	0.0	0	1 0	19.4	0.0	0.0	0.0	0.0	
VMP-62-5	4/26/2022	09 05	0.00	0.00	0.0	0	1.7	18.5	0.0	0.0	0.0	0.0	
VMP-62-5	5/25/2022	09 32	0.00	0.00	0.0	0	3 2	17.2	0.0	0.0	0.0	0.0	
VMP-62-5	6/21/2022	12 03	0.00	0.00	0.0	0	5.7	15.3	0.0	0.0	0.0	0.0	
VMP-62-5	7/20/2022	13:15	0.00	0.00	0.0	0	6 5	14.7	0.0	0.0	0.0	0.0	
VMP-62-5	8/24/2022	08:10	0.00	0.00	0.0	0	7.7	14.7	0.0	0.0	0.0	0.0	
VMP-62-5	9/21/2022	12:15	0.00	0.00	0.0	0	5 3	16.1	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-62-10	1/18/2022	08 56	0.00	0.00	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-62-10	2/22/2022	09 06	-0.10	0.00	0.0	0	1 2	19.9	0.0	0.0	0.0	0.0	
VMP-62-10	3/24/2022	09 06	-0.10	-0.11	0.0	0	1 5	19.5	0.0	0.0	0.0	0.0	
VMP-62-10	4/26/2022	09 06	-0.09	0.00	0.0	0	1 9	18.7	0.0	0.0	0.0	0.0	
VMP-62-10	5/25/2022	09 33	0.00	0.00	0.0	0	2.7	17.4	0.0	0.0	0.0	0.0	
VMP-62-10	6/21/2022	12 04	0.00	0.00	0.0	0	3 9	16.5	0.0	0.0	0.0	0.0	
VMP-62-10	7/20/2022	13:16	0.00	0.00	0.0	0	5 0	16.0	0.0	0.0	0.0	0.0	
VMP-62-10	8/24/2022	08:11	0.00	0.00	0.0	0	6 3	14.8	0.0	0.0	0.0	0.0	
VMP-62-10	9/21/2022	12:16	0.00	0.00	0.0	0	5.1	16.3	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	
VMP-62-20	1/18/2022	08 57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-20	2/22/2022	09 06	-9.13	-0.84	0.0	0	1 3	19.9	0.0	0.0	0.0	0.0	
VMP-62-20	3/24/2022	09 07	-0.98	-0.81	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-62-20	4/26/2022	09 07	-0.92	-0.80	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-62-20	5/25/2022	09 34	-0.66	-0.64	0.0	0	2.4	17.7	0.0	0.0	0.0	0.0	
VMP-62-20	5/25/2022	09 34	NM	NM	0.0	0	2.4	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-20	6/21/2022	12 05	-1.12	-0.51	0.0	0	3.4	17.2	0.0	0.0	0.0	0.0	
VMP-62-20	7/20/2022	13:17	-0.53	-0.50	0.0	0	4 3	16.6	0.0	0.0	0.0	0.0	
VMP-62-20	8/24/2022	08:12	-0.70	-0.69	0.0	0	5 6	15.3	0.0	0.0	0.0	0.0	
VMP-62-20	9/21/2022	12:17	-0.37	-0.33	0.0	0	4 0	15.9	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-62-30	1/18/2022	08 58	-0.71	-0.76	0.0	0	1 9	19.3	0.0	0.0	0.0	0.0	
VMP-62-30	2/22/2022	09 08	-1.00	-1.40	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-62-30	3/24/2022	09 08	-1.03	-1.23	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-62-30	4/26/2022	09 08	-1.23	-1.25	0.0	0	1 2	19.6	0.0	0.0	0.0	0.0	
VMP-62-30	5/25/2022	09 35	-0.64	-0.95	0.0	0	1 5	19.6	0.0	0.0	0.0	0.0	
VMP-62-30	6/21/2022	12 06	-0.87	-0.80	0.0	0	1.7	18.7	0.0	0.0	0.0	0.0	
VMP-62-30	7/20/2022	13:18	-0.80	-0.75	0.0	0	1 9	18.5	0.0	0.0	0.0	0.0	
VMP-62-30	8/24/2022	08:13	-1.07	-1.08	0.0	0	2 5	18.1	0.0	0.0	0.0	0.0	
VMP-62-30	9/21/2022	12:18	-0.59	-0.34	0.0	0	2 6	18.0	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-63-5	1/18/2022	08 20	-0.18	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	2/22/2022	08 50	-0.20	-0.25	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	3/23/2022	08 25	-0.18	-0.24	0.0	0	0 3	20.7	0.1	0.0	0.0	0.0	
VMP-63-5	4/26/2022	08 30	-0.23	-0.18	0.0	0	0 6	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	5/25/2022	08:47	-0.69	0.00	0.0	0	0 8	20.0	0.0	0.0	0.0	0.0	
VMP-63-5	6/21/2022	11 24	-0.14	0.00	0.0	0	1 2	19.9	0.0	0.0	0.0	0.0	
VMP-63-5	7/20/2022	12 25	-0.15	-0.10	0.0	0	1.4	19.5	7.4	11.3	0.0	11 3	
VMP-63-5	7/21/2022	08 00	-0.60	NM	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	Re-sampled to confirm initial results.
VMP-63-5	8/23/2022	14 20	0.00	0.00	0.0	0	1 5	19.9	0.0	0.0	0.0	0.0	
VMP-63-5	9/21/2022	13:45	0.00	0.00	0.0	0	0 9	20.2	0.5	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	
VMP-63-10	1/18/2022	08 21	0.55	0.17	0.0	0	0 2	20.7	0.0	0.0	0.0	0.0	
VMP-63-10	2/22/2022	08 51	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	3/23/2022	08 26	-0.52	-0.62	0.0	0	0 2	20.6	13 9	21.1	0.0	21.1	
VMP-63-10	3/24/2022	13 20	NM	NM	0.0	0	0 2	20.6	17.1	25.4	0.0	25.4	Re-sampled to confirm initial results.
VMP-63-10	4/26/2022	08 31	-0.85	-0.59	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	5/25/2022	08:45	NM	NM	0.0	0	1 0	19.9	0.0	0.0	0.0	0.0	
VMP-63-10	5/25/2022	08:45	-0.37	-0.26	0.0	0	1 0	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-10	6/21/2022	11 25	-0.10	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-63-10	7/20/2022	12 26	-0.09	-0.09	0.0	0	1 6	19.6	0.0	0.0	0.0	0.0	
VMP-63-10	8/23/2022	14 21	0.00	0.00	0.0	0	2 2	19.3	0.0	0.0	0.0	0.0	
VMP-63-10	9/21/2022	13:46	0.00	0.00	0.0	0	1.1	20.2	0.4	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-63-20	1/18/2022	08 22	-0.22	-0.28	0.0	0	0 6	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	2/22/2022	08 52	-0.26	-0.80	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	3/23/2022	08 27	-0.65	-0.67	0.0	0	0 3	20.6	0.0	0.0	0.0	0.0	
VMP-63-20	4/26/2022	08 32	-0.73	-0.68	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	5/25/2022	08:49	-0.79	-0.52	0.0	0	0 6	19.7	0.0	0.8	0.8	0.0	
VMP-63-20	6/21/2022	11 26	-0.31	-0.33	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-63-20	7/20/2022	12 27	-0.35	-0.33	0.0	0	1 8	19.1	0.0	0.0	0.0	0.0	
VMP-63-20	7/20/2022	12 27	NM	NM	0.0	0	1 8	19.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	8/23/2022	14 22	0.00	-0.17	0.0	0	2 0	18.9	0.0	0.0	0.0	0.0	
VMP-63-20	9/21/2022	13:47	0.00	0.00	0.0	0	2 3	19.2	0.4	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-63-30	1/18/2022	08 23	-0.29	-0.34	0.0	0	1 3	20.2	0.0	0.0	0.0	0.0	
VMP-63-30	2/22/2022	08 53	-0.63	-0.90	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	3/23/2022	08 28	-0.74	-0.75	0.0	0	0 8	20.5	0.0	0.0	0.0	0.0	
VMP-63-30	3/23/2022	08 28	NM	NM	0.0	0	0 8	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	4/26/2022	08 33	-0.82	-0.67	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	5/25/2022	08 50	-0.40	-0.64	0.0	0	0.7	19.8	0.0	0.0	0.0	0.0	
VMP-63-30	6/21/2022	11 27	-0.37	-0.40	0.0	0	0 8	19.4	0.0	0.0	0.0	0.0	
VMP-63-30	7/20/2022	12 28	-0.46	-0.38	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-63-30	8/23/2022	14 23	0.00	0.00	0.0	0	1 5	19.5	0.0	0.0	0.0	0.0	
VMP-63-30	9/21/2022	13:48	0.00	0.00	0.0	0	1.7	19.4	0.7	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	
VMP-64-5	1/17/2022	14 30	0.00	0.00	0.0	0	0 5	20.5	0.0	0.0	0.0	0.0	
VMP-64-5	2/22/2022	08:40	0.00	0.00	0.0	0	0 3	20.4	0.0	0.0	0.0	0.0	
VMP-64-5	3/24/2022	08:10	0.00	-0.14	0.0	0	0 3	20.2	0.0	0.0	0.0	0.0	
VMP-64-5	4/26/2022	08:15	0.00	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-64-5	5/25/2022	08 32	0.00	0.00	0.0	0	1 0	18.4	0.0	0.0	0.0	0.0	
VMP-64-5	6/21/2022	11 05	0.00	0.00	0.0	0	2 2	19.0	0.0	0.0	0.0	0.0	
VMP-64-5	7/20/2022	12:15	0.00	0.00	0.0	0	2 5	17.7	0.0	0.0	0.0	0.0	
VMP-64-5	8/23/2022	14 00	0.00	0.00	0.0	0	3 2	17.5	0.0	0.0	0.0	0.0	
VMP-64-5	9/21/2022	14 00	0.00	0.00	0.0	0	2 3	18.4	0.7	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-64-10	1/17/2022	14 31	0.00	-0.11	0.0	0	3.4	18.6	0.0	0.0	0.0	0.0	
VMP-64-10	1/17/2022	14 31	NM	NM	0.0	0	3 3	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-10	2/22/2022	08:41	0.20	-0.20	0.0	0	2 6	19.1	0.0	0.0	0.0	0.0	
VMP-64-10	3/24/2022	08:11	0.00	-0.17	0.0	0	2.4	19.1	0.0	0.0	0.0	0.0	
VMP-64-10	4/26/2022	08:16	-0.38	-0.21	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-64-10	5/25/2022	08 33	-0.13	-0.11	0.0	0	2.4	17.7	0.0	0.0	0.0	0.0	
VMP-64-10	6/21/2022	11 06	0.00	0.00	0.0	0	2 9	17.2	0.0	0.0	0.0	0.0	
VMP-64-10	7/20/2022	12:16	0.00	0.00	0.0	0	4 2	15.7	0.0	0.0	0.0	0.0	
VMP-64-10	8/23/2022	14 01	0.00	0.00	0.0	0	4.4	14.9	0.0	0.0	0.0	0.0	
VMP-64-10	9/21/2022	14 01	0.10	0.00	0.0	0	5.1	15.1	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-64-20	1/17/2022	14 32	-0.24	-0.21	0.0	0	4.1	17.5	0.0	0.0	0.0	0.0	
VMP-64-20	2/22/2022	08:42	-0.87	-0.20	0.0	0	3 3	18.5	0.0	0.0	0.0	0.0	
VMP-64-20	3/24/2022	08:12	-0.19	-0.21	0.0	0	3 2	18.1	0.0	0.0	0.0	0.0	
VMP-64-20	3/24/2022	08:12	NM	NM	0.0	0	3 2	18.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	4/26/2022	08:17	0.00	-0.21	0.0	0	3 0	18.1	0.0	0.0	0.0	0.0	
VMP-64-20	4/26/2022	08:17	NM	NM	0.0	0	3 0	18.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	5/25/2022	08 34	-0.21	-0.13	0.0	0	2 9	17.8	0.0	0.0	0.0	0.0	
VMP-64-20	6/21/2022	11 07	0.00	0.00	0.0	0	2 8	17.6	0.0	0.0	0.0	0.0	
VMP-64-20	7/20/2022	12:17	-0.09	0.00	0.0	0	2 9	17.3	0.0	0.0	0.0	0.0	
VMP-64-20	8/23/2022	14 02	0.00	0.00	0.0	0	3 3	16.5	0.0	0.0	0.0	0.0	
VMP-64-20	9/21/2022	14 02	0.00	0.00	0.0	0	3 6	16.2	0.0	0.0	0.0	0.0	
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.
VMP-64-28	1/17/2022	14 33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/22/2022	08:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/24/2022	08:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/26/2022	08:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/25/2022	08 35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/21/2022	11 08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/20/2022	12:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/23/2022	14 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/21/2022	14 03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-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-65-10	1/17/2022	09 05	-0.45	-0.41	0.0	0	5 2	13.5	0.0	0.0	0.0	0.0	
VMP-65-10	2/21/2022	09:10	0.00	0.22	0.0	0	7 2	9.6	0.0	0.0	0.0	0.0	
VMP-65-10	3/23/2022	08 58	-0.32	-0.24	0.0	0	7.1	9.9	0.1	0.0	0.0	0.0	
VMP-65-10	4/25/2022	09 20	-0.41	-0.31	0.0	0	6.7	10.6	0.1	0.0	0.0	0.0	
VMP-65-10	5/24/2022	10:19	0.00	0.09	0.0	0	7 0	9.6	0.1	0.0	0.0	0.0	
VMP-65-10	6/21/2022	08:40	-0.37	-0.14	0.0	0	7 0	9.9	0.4	0.0	0.0	0.0	
VMP-65-10	7/20/2022	09:15	-0.10	0.00	0.0	0	9.1	6.9	0.0	0.0	0.0	0.0	
VMP-65-10	8/23/2022	10 05	-0.14	-0.15	0.0	0	9 8	6.1	0.5	0.0	0.0	0.0	
VMP-65-10	9/20/2022	10 00	0.38	0.00	0.0	0	9 8	6.8	0.5	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-65-20	1/17/2022	09 06	-0.47	-0.42	0.0	0	10.4	7.8	0.0	0.0	0.0	0.0	
VMP-65-20	1/17/2022	09 06	NM	NM	0.0	0	10.3	8.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-65-20	2/21/2022	09:11	0.00	0.21	0.0	0	10.0	7.3	0.0	0.0	0.0	0.0	
VMP-65-20	3/23/2022	08 59	-0.32	-0.23	0.0	0	9 9	7.2	0.0	0.0	0.0	0.0	
VMP-65-20	4/25/2022	09 21	-0.43	-0.30	0.0	0	9 3	8.0	0.1	0.0	0.0	0.0	
VMP-65-20	5/24/2022	10 20	0.15	0.09	0.0	0	8 9	8.2	0.2	0.0	0.0	0.0	
VMP-65-20	6/21/2022	08:41	-0.16	-0.14	0.0	0	9 5	7.1	0.0	0.0	0.0	0.0	
VMP-65-20	6/21/2022	08:41	NM	NM	0.0	0	9 5	7.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-65-20	7/20/2022	09:16	-0.13	0.00	0.0	0	9.4	7.4	0.1	0.0	0.0	0.0	
VMP-65-20	8/23/2022	10 06	-0.15	-0.35	0.0	0	11.1	5.0	0.0	0.0	0.0	0.0	
VMP-65-20	9/20/2022	10 01	0.00	0.00	0.0	0	11.0	5.6	0.0	0.0	0.0	0.0	
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	
VMP-65-30	1/17/2022	09 07	-0.13	-0.45	0.0	0	16.5	1.5	0.7	188	177	11 0	
VMP-65-30	2/21/2022	09:12	0.19	0.16	0.2	4	15.8	0.9	7.5	1620	148	1472	
VMP-65-30	3/23/2022	09 00	-0.46	-0.20	0.7	15	15.3	0.9	63 6	6340	5210	1130	
VMP-65-30	3/23/2022	09 00	NM	NM	0.7	15	15.9	0.4	63.4	6340	5210	1130	Duplicate sample.
VMP-65-30	4/25/2022	09 22	-0.44	-0.32	0.0	0	14.2	1.2	0.1	0.0	0.0	0.0	
VMP-65-30	5/24/2022	10 21	0.15	0.00	0.0	0	12.9	1.8	0.2	0.0	0.0	0.0	
VMP-65-30	6/21/2022	08:42	-0.17	-0.13	0.0	0	12.1	3.0	1.1	0.0	0.0	0.0	
VMP-65-30	7/20/2022	09:17	-0.10	0.00	0.0	0	12.8	2.2	0.1	0.0	0.0	0.0	
VMP-65-30	8/23/2022	10 07	-0.16	-0.14	0.0	0	12.0	3.2	0.5	0.0	0.0	0.0	
VMP-65-30	9/20/2022	10 02	0.00	0.00	0.0	0	12.5	2.4	0.3	0.0	0.0	0.0	

Notes:

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

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Benzene			1,3-Butadiene			Butane			1,2-Dichloropropane			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-100621	10/6/2021	14			< 0.22	U		120			< 0.47	U		< 0.76	U		2.8		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	13			< 0.22	U		130			< 0.45	U		< 0.74	U		2.5		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	20			< 0.54	U		190			< 1.1	U		< 2.3	U		4.4		
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	11			< 0.36	U		130			< 0.75	U		0.54	J		1.2		
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	12			< 2.2	U		170			4.8		J	25			1.7	J	
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	24			< 3.2	U		270			5.2	J	J	50			< 6.3	U	
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	36			< 1.1	U		340			< 2.4	U		< 4.9	U		4.7		
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	82			< 2.1	U		710			< 4.4	U		< 9	U		8.8		
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	82			< 2.3	U		660			< 4.8	U		< 9.7	U		8.7		
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	94			< 2.3	U		740			< 4.8	U		< 9.8	U		12		
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	78			< 2.2	U		610			< 4.7	U		< 9.6	U		11		
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	88			< 2.2	U		540			< 4.7	U		< 9.6	U		14		
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	8.8			< 0.28	U		500			< 0.59	U		< 0.96	U		0.74		
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	11			< 0.53	U		540			< 1.1	U		< 1.8	U		0.94	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	14			< 0.52	U		750			< 1.1	U		< 2.2	U		0.71	J	
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	12			< 0.54	U		670			< 1.1	U		< 2.3	U		0.58	J	
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	12			< 3.8	U		720			4.9	J	J	32	J		< 7.4	U	
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	11			< 3.2	U		680			6.8		J	43			< 6.4	U	
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	12			< 1.1	U		740			< 2.4	U		< 4.9	U		0.87	J	
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	14			< 0.57	U		720			< 1.2	U		< 2.4	U		0.91	J	
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	18			< 0.58	U		780			< 1.2	U		< 2.5	U		1	J	
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	16			< 0.55	U		810			< 1.2	U		< 2.3	U		1.8		
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	15			< 0.56	U		880			< 1.2	U		< 2.4	U		1.7		
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	19			< 1.1	U		950			< 2.3	U		< 4.8	U		3.2		
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.061			< 0.01	U		1.6			< 0.021	U		0.064	J		0.019	J	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	0.023			0.0041	J		1			< 0.01	U		0.061			< 0.0098	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	0.071			< 0.012	U		2.6			< 0.025	U		0.097	J		0.017	J	
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	0.03			< 0.0047	U		0.73			< 0.0098	U		0.06			0.0064	J	
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	0.051			0.015			2			< 0.022	U		0.44			0.017	J	
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	0.099			< 0.017	U		1.9			< 0.036	U		0.34			0.029	J	
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	0.21			< 0.0099	U		1.4			< 0.021	U		0.033	J		0.032		
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	0.49			< 0.025	U		3.4			< 0.052	U		0.12	J		0.097		
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	0.14			< 0.011	U		1.5			< 0.024	U		0.13			0.056		
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	0.057			< 0.0096	U		1			< 0.02	U		0.18			0.011	J	
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	0.16			< 0.018	U		1.4			< 0.038	U		0.056	J		0.1		
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	0.069			0.013			2.2			< 0.022	U		0.12			0.024		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	0.64			22			150			< 1.7	U		440			< 1	U	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	0.56			21			140			< 1.6	U		450			0.48	J	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	0.98	J		32			200			< 4	U		750			< 3	U	
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	0.32	J		17			130			< 2.7	U		620			0.42	J	
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	< 4.9	U		25			150			< 16	U		620			28		
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	< 7.2	U		45			270			< 24	U		1000			36		
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	< 2.5	U		62			380			< 8.5	U		1400			< 6.4	U	
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	< 4.7	U		130			740			< 16	U		2800			< 12	U	
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	< 5.1	U		140			870			< 17	U		2900			4.4	J	
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	< 5.1	U		140			990			< 17	U		3800			< 13	U	
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	< 5	U		140			770			< 17	U		2600			< 12	U	
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	< 5	U		150			800			< 17	U		2700			< 12	U	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	0.16	J		15			110			< 2.1	U		690			< 1.2	U	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	0.31	J		15			100			< 3.9	U		650			0.77	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	0.22	J		16			140			< 3.9	U		1000			< 2.9	U	
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	0.22	J		12			120			< 4	U		1000			< 3	U	
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	< 8.4	U		20			140			< 28	U		940			31		
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	< 7.2	U		22			150			< 24	U		1000			35		
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	< 2.5	U		21			160			< 8.5	U		1100			< 6.4	U	
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	< 1.3	U		22			160			< 4.2	U		1100			< 3.2	U	
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	< 1.3	U		23			200			< 4.3	U		1200			< 3.2	U	
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	0.64	J		18			170			< 4.1	U		1300			< 3	U	
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	< 1.2	U		24			160			< 4.1	U		1200			< 3.1	U	
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	1.1	J		24			170			< 8.3	U		1300			< 6.2	U	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	0.015	J		0.11			0.8			0.083			3.6			0.054		
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.011	U		0.032			0.34			< 0.037	U		1.7			0.064		
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	< 0.027	U		0.15			1			0.062	J		5			0.076		
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	0.0056	J		0.052			0.28			< 0.034	U		1.2			0.05		
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	0.013	J		0.11			0.63			0.094			3.2			0.22		
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	0.018	J		0.24			1.3			0.14			5.2			0.28		
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	0.02	J		0.18			0.77			< 0.073	U		3.1			0.043	J	
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	0.034	J		0.51			2.5			< 0.18	U		8.7			0.11		
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	0.024	J		0.27			1.2			0.062	J		3.7			0.057		
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	0.022			0.092			0.46			0.12			1.7			0.084		
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	0.023	J		0.38			1.2			0.1	J		4.4			0.032	J	
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	< 0.023	U		0.13			0.62			0.12			3.6			0.05		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-100621	10/6/2021	< 0.54	U		0.39	J		0.23	J		130			6.9			1.6		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	< 0.53	U		0.29	J		0.22	J		120			6.4			1.6		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	< 1.3	U		0.54	J		0.31	J		170			9.8			2.3		
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	< 0.87	U		0.21	J		0.19	J		100			3.4			0.79		
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	< 5.4	U		< 4.9	U		< 4.9	U		140			3.8	J		< 4.4	U	
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	< 7.8	U		< 7.2	U		< 7.2	U		230			4.8	J		< 6.3	U	
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	< 2.8	U		0.73	J		< 2.5	U		300			9.1			1.7	J	
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	< 5.1	U		< 4.7	U		< 4.7	U		600			15			1.2	J	
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	< 5.5	U		< 5.1	U		< 5.1	U		610			15			1.2	J	
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	< 5.6	U		1.5	J		< 5.1	U		690			24			1.5	J	
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	< 5.5	U		< 5	U		< 5	U		580			22			1.4	J	
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	< 5.5	U		< 5	U		< 5	U		620			29	CN		2	J	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	< 0.68	U		0.15	J		0.1	J		310			0.99			0.14	J	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	< 1.3	U		0.29	J		0.14	J		270			1.7			0.37	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	< 1.3	U		0.26	J		0.17	J		350			1.5			0.18	J	
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	< 1.3	U		0.28	J		0.16	J		260			1.2			0.34	J	
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	< 9.1	U		< 8.4	U		< 8.4	U		320			< 7.4	U		< 7.4	U	
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	< 7.9	U		< 7.2	U		< 7.2	U		320			< 6.4	U		< 6.4	U	
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	< 2.8	U		< 2.5	U		< 2.5	U		330			1.4	J		< 2.2	U	
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	< 1.4	U		< 1.3	U		< 1.3	U		370			2			< 1.1	U	
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	< 1.4	U		< 1.3	U		< 1.3	U		420			1.9			< 1.1	U	
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	< 1.3	U		0.67	J		< 1.2	U		420			3.8			0.55	J	
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	< 1.4	U		0.37	J		< 1.2	U		440			3.1			0.53	J	
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	< 2.7	U		0.99	J		< 2.5	U		470			8			0.81	J	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	< 0.024	U		0.015	J		< 0.022	U		1.2			0.054			0.018	J	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.012	U		< 0.011	U		< 0.011	U		0.5			< 0.0098	U		< 0.0098	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	< 0.03	U		< 0.027	U		< 0.027	U		1.6			0.052			0.015	J	
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	< 0.011	U		0.0094	J		0.0040	J		0.56			0.018			0.0054	J	
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	< 0.025	U		0.016	J		< 0.023	U		1.1			0.042			0.015	J	
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	0.03	J		0.017	J		< 0.038	U		1.8			0.072			0.019	J	
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	0.046			0.021	J		0.0090	J		1			0.076			0.018	J	
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	< 0.06	U		0.047	J		0.019	J		3.2			0.2			0.029	J	
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	< 0.028	U		0.03			0.013	J		1.6			0.13			0.011	J	
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	< 0.023	U		0.03			0.0099	J		0.9			0.028			0.0064	J	
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	< 0.044	U		0.041			0.014	J		1.8			0.25			0.016	J	
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	< 0.025	U		0.023			0.0092	J		1.3			0.06			0.0067	J	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	TPH (C2-C10)			Butane			Isopentane			C6+			Carbon Dioxide			Ethane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	5300			0.0062			0.018			0.042			2.2			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	4800			0.0066			0.018			0.054			2.0			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	6300		J	0.0099			0.029			0.060			2.3			< 0.0019	U	
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	4900			0.0059			0.020			0.042			2.0			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	5700			0.0082			0.027			0.051			2.5			< 0.0020	U	
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	9100			0.014			0.043			0.084			3.6			0.00015	J	
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	11000			0.018			0.055			0.11			3.5			0.00014	J	
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	24000			0.038			0.12			0.26			6.3			0.00027	J	
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	24000			0.034			0.12			0.26			5.7			0.00023	J	
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	24000			0.033			0.12			0.28			6.1			0.00020	J	
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	14000			0.030			0.11			0.27			6.3			0.00014	J	
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	21000			0.026			0.11			0.26			6.1			0.00011	J	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	7500			0.026			0.027			0.061			3.8			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	7000			0.026			0.026			0.048			3.6			0.00014	J	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	9300			0.040			0.041			0.082			4.1			0.00023	J	
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	8200			0.030			0.034			0.058			3.9			0.00019	J	
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	9300			0.036			0.040			0.080			3.8			0.00019	J	
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	9000			0.039			0.042			0.087			3.8			0.00022	J	
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	8300			0.039			0.042			0.089			3.8			0.00022	J	
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	8200			0.034			0.039			0.070			3.1			0.00021	J	
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	9400			0.040			0.047			0.14			3.3			0.00023	J	
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	6000			0.033			0.039			0.097			3.4			0.00019	J	
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	8500			0.034			0.038			0.071			3.3			0.00017	J	
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	9700			0.034			0.038			0.094			3.6			0.00019	J	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	44			0.000078	J		0.00011	J		0.00020	J		0.80			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	22			< 0.0037	U		< 0.0037	U		< 0.037	U		0.72			< 0.0037	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	54			0.00011	J		0.00016	J		0.00030	J		0.95			< 0.0022	U	
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	15			< 0.0021	U		< 0.0021	U		0.000060	J		0.54			< 0.0021	U	
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	61			0.000093	J		0.00012	J		0.00028	J		0.64			< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	78			0.00012	J		0.00018	J		0.00043	J		0.81			< 0.0025	U	
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	32			0.000078	J		0.00011	J		0.00014	J		0.80			< 0.0022	U	
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	100			0.00016	J		0.00030	J		0.00085	J		0.84			< 0.0022	U	
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	46			< 0.0023	U		0.00014	J		0.000090	J		0.80			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	30			< 0.0024	U		< 0.0024	U		< 0.024	U		0.78			< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	64			0.00012	J		0.00020	J		0.00014	J		0.75			< 0.0025	U	
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	42			< 0.0023	U		< 0.0023	U		< 0.023	J	U	0.81			< 0.0023	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Isobutane			Methane			Neopentane			Nitrogen			Oxygen			Pentane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	0.00066	J		0.52			< 0.0020	U		79			18			0.012		
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	0.00068	J		0.52			0.00016	J		79			18			0.012		
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	0.0010	J		0.71			0.000073	J		79			18			0.020		
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	0.00064	J		0.49			0.000053	J		79			18			0.014		
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	0.00082	J		0.67			0.000074	J		80			17			0.018		
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	0.0014	J		1.5			0.00011	J		79			16			0.028		
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	0.0019	J		1.9			0.00014	J		78			16			0.038		
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	0.0043			3.4			0.00030	J		78			12			0.091		
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	0.0037			2.9			0.00026	J		78			13			0.085		
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	0.0035			2.9			0.00029	J		78			13			0.091		
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	0.0030			3.3			0.00027	J		78			12			0.083		
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	0.0024			3.2			0.00024	J		77			13			0.078		
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	0.0025			0.88			0.00012	J		79			16			0.012		
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	0.0025			0.89			< 0.0019	U		79			16			0.011		
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	0.0039			1.5			0.00019	J		79			15			0.018		
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	0.0030			1.2			0.00016	J		79			16			0.014		
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	0.0036			1.4			0.00018	J		79			16			0.017		
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	0.0038			1.4			0.00018	J		79			16			0.018		
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	0.0040			1.3			0.00019	J		79			16			0.017		
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	0.0035			1.3			0.00018	J		78			17			0.017		
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	0.0040			1.6			0.00017	J		78			17			0.020		
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	0.0032			1.3			0.00015	J		78			17			0.016		
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	0.0033			1.2			0.00015	J		78			17			0.015		
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	0.0034			1.3			0.00016	J		78			17			0.015		
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	< 0.0023	U		0.0035			< 0.0023	U		79			20			0.000068	J	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.0037	U		0.0019			< 0.0037	U		79			20			< 0.0037	U	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	< 0.0022	U		0.0050			< 0.0022	U		80			19			0.000087	J	
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	< 0.0021	U		0.0015			< 0.0021	U		79			20			< 0.0021	U	
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	< 0.0024	U		0.0046			< 0.0024	U		79			20			0.000066	J	
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	< 0.0025	U		0.0056			< 0.0025	U		79			20			0.00011	J	
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	< 0.0022	U		0.0039			< 0.0022	U		79			20			0.000067	J	
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	< 0.0022	U		0.0076			< 0.0022	U		80			19			0.00020	J	
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	< 0.0023	U		0.0037			< 0.0023	U		79			20			< 0.0023	U	
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	< 0.0024	U		0.0023			< 0.0024	U		79			20			< 0.0024	U	
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	< 0.0025	U		0.0062			< 0.0025	U		79			20			< 0.0025	U	
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	< 0.0023	U		0.0035			< 0.0023	U		79			20			< 0.0023	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Propane		
			Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-HEADER-SVE-100621	10/6/2021	**0.00010**	**J**	
SVE Public Works Header	PW-HEADER-SVE-110221	11/2/2021	**0.00013**	**J**	
SVE Public Works Header	PW-HEADER-SVE-120121	12/1/2021	**0.00016**	**J**	
SVE Public Works Header	PW-HEADER-SVE-011022	1/10/2022	**0.000093**	**J**	
SVE Public Works Header	PW-HEADER-SVE-020822	2/8/2022	**0.00013**	**J**	
SVE Public Works Header	PW-HEADER-SVE-030122	3/1/2022	**0.00015**	**J**	
SVE Public Works Header	PW-HEADER-SVE-040522	4/5/2022	**0.00034**	**J**	
SVE Public Works Header	PW-HEADER-SVE-050222	5/2/2022	**0.00068**	**J**	
SVE Public Works Header	PW-HEADER-SVE-060122	6/1/2022	**0.00059**	**J**	
SVE Public Works Header	PW-HEADER-SVE-070622	7/6/2022	**0.00042**	**J**	
SVE Public Works Header	PW-HEADER-SVE-080222	8/2/2022	**0.00026**	**J**	
SVE Public Works Header	PW-HEADER-SVE-090122	9/1/2022	**0.00019**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-100621	10/6/2021	**0.00014**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-110221	11/2/2021	**0.00014**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-120121	12/1/2021	**0.00023**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-011022	1/10/2022	**0.00018**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-020822	2/8/2022	**0.00020**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-030122	3/1/2022	**0.00023**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-040522	4/5/2022	**0.00024**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-050222	5/2/2022	**0.00020**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-060122	6/1/2022	**0.00023**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-070622	7/6/2022	**0.00019**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-080222	8/2/2022	**0.00018**	**J**	
SVE Refinery Header	WFL-HEADER-SVE-090122	9/1/2022	**0.00019**	**J**	
SVE RTO Exhaust	EXH-SVE-100621	10/6/2021	< 0.0023	**U**	
SVE RTO Exhaust	EXH-SVE-110221	11/2/2021	< 0.0037	**U**	
SVE RTO Exhaust	EXH-SVE-120121	12/1/2021	< 0.0022	**U**	
SVE RTO Exhaust	EXH-SVE-011022	1/10/2022	< 0.0021	**U**	
SVE RTO Exhaust	EXH-SVE-020822	2/8/2022	< 0.0024	**U**	
SVE RTO Exhaust	EXH-SVE-030122	3/1/2022	< 0.0025	**U**	
SVE RTO Exhaust	EXH-SVE-040522	4/5/2022	< 0.0022	**U**	
SVE RTO Exhaust	EXH-SVE-050222	5/2/2022	< 0.0022	**U**	
SVE RTO Exhaust	EXH-SVE-060122	6/1/2022	< 0.0023	**U**	
SVE RTO Exhaust	EXH-SVE-070622	7/6/2022	< 0.0024	**U**	
SVE RTO Exhaust	EXH-SVE-080222	8/2/2022	< 0.0025	**U**	
SVE RTO Exhaust	EXH-SVE-090122	9/1/2022	< 0.0023	**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 discreet depths measured from ground surface.

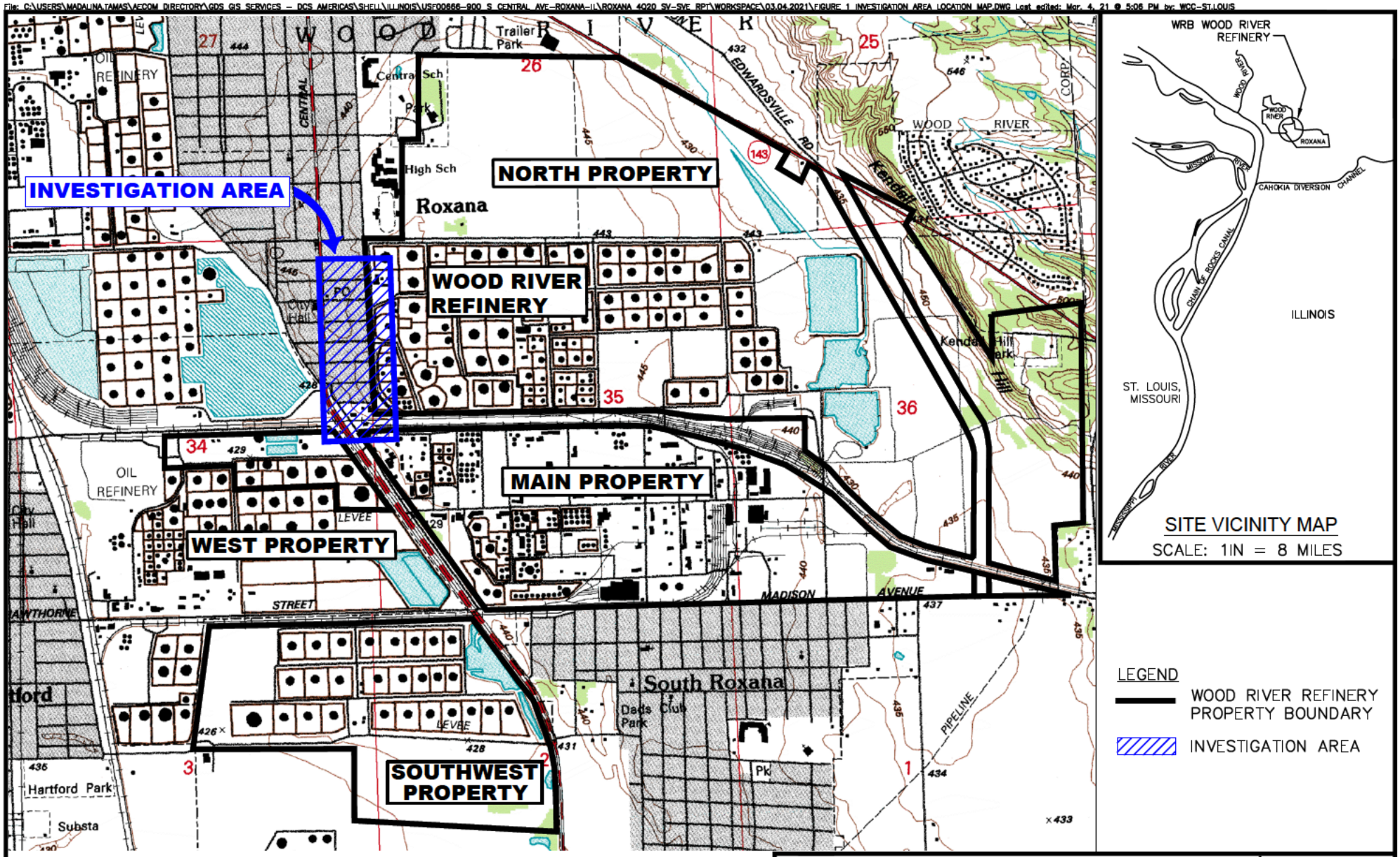
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

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

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

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

File: C:\USERS\MADALINA.TAMAS\AECOM DIRECTORY\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00666-900 S CENTRAL AVE-ROXANA-IL\ROXANA 4Q20 SV-SVE RPT\WORKSPACE\03.04.2021\FIGURE 1 INVESTIGATION AREA LOCATION MAP.DWG Last edited: Mar. 4, 21 @ 5:06 PM by: WCC-ST.LOUIS



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

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

AECOM

DRN. BY: gds October 2021 DSGN. BY: djd CHKD. BY: smf	Investigation Area Location Map	FIG. NO. 1

File: C:\USERS\CRACIUNS\AECOM\GDS GIS SERVICES – DCS AMERICAS\SHELL\ILLINOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 3Q21 SV–SVE RPT\WORKSPACE\07.10.2021\FIGURE 2 VAPOR MONITORING SAMPLING POINT LOCATIONS.DWG Last edited: Oct. 7, 21 @ 11:23

LEGEND

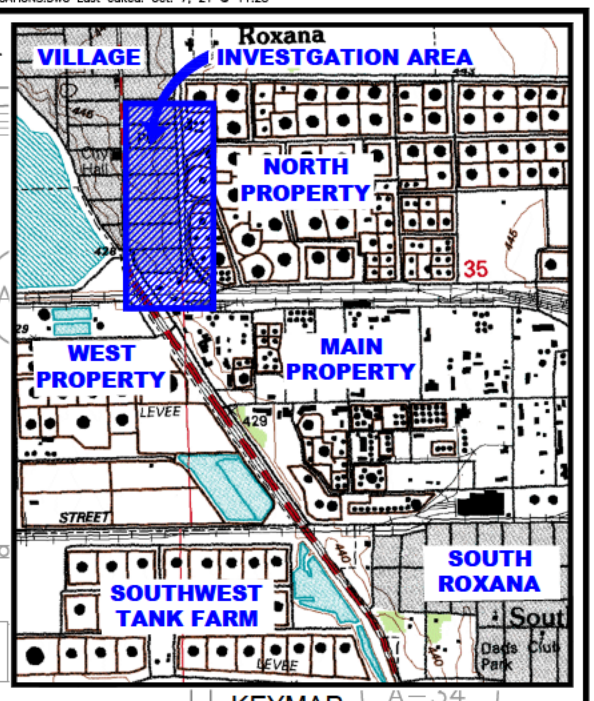
- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
RAND AVENUE
VILLAGE OF ROXANA
BP
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE

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

VMP-61, VMP-57, VMP-58, VMP-59, VMP-60, VMP-33, VMP-46, VMP-34, VMP-35, VMP-27, VMP-26, VMP-28, VMP-36, VMP-37, VMP-38, VMP-39, VMP-65, VMP-12

A–28, A–33, A–27, A–34, A–30, F–76, F–77, F–78, A–22, F–73, F–74, F–75



KEYMAP
1" = 2,500'

0 200
SCALE FEET
N

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ROXANA, ILLINOIS

AECOM

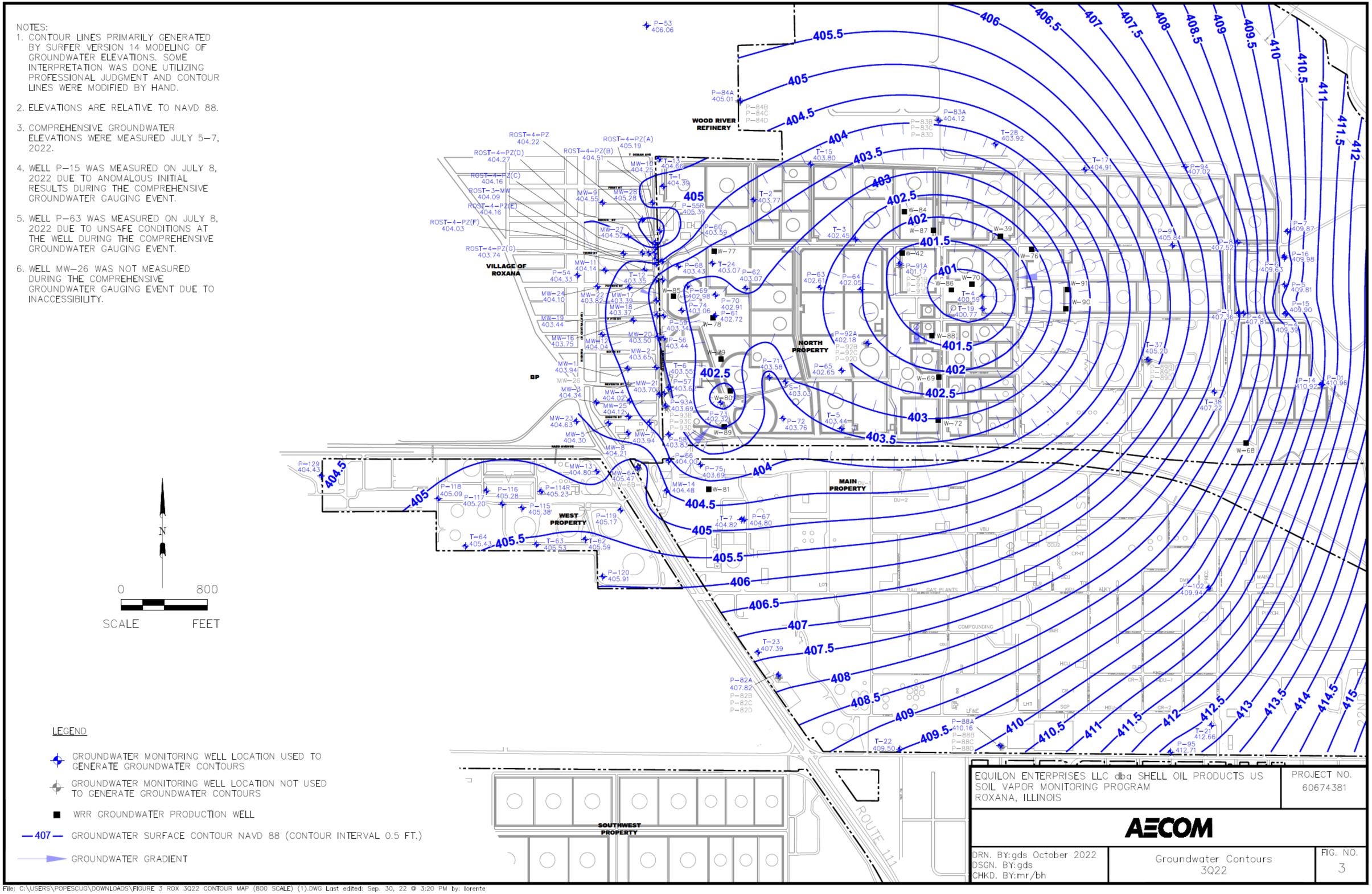
DRN. BY:gds October 2021
DSGN. BY:djd
CHKD. BY:smf

Vapor Monitoring Point Sampling Locations

FIG. NO. 2

NOTES:

1. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 14 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ELEVATIONS ARE RELATIVE TO NAVD 88.
3. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED JULY 5–7, 2022.
4. WELL P–15 WAS MEASURED ON JULY 8, 2022 DUE TO ANOMALOUS INITIAL RESULTS DURING THE COMPREHENSIVE GROUNDWATER GAUGING EVENT.
5. WELL P–63 WAS MEASURED ON JULY 8, 2022 DUE TO UNSAFE CONDITIONS AT THE WELL DURING THE COMPREHENSIVE GROUNDWATER GAUGING EVENT.
6. WELL MW–26 WAS NOT MEASURED DURING THE COMPREHENSIVE GROUNDWATER GAUGING EVENT DUE TO INACCESSIBILITY.



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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SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60674381

AECOM

DRN. BY:gds October 2022
DSGN. BY:gds
CHKD. BY:mr/bh

Groundwater Contours 3Q22

FIG. NO. 3

File: C:\USERS\POPESCUG\DOWNLOADS\FIGURE 3 ROX 3Q22 CONTOUR MAP (800 SCALE) (1).DWG Last edited: Sep. 30, 22 @ 3:20 PM by: lorente

File: C:\USERS\POPESCUG\DOWNLOADS\FIGURE 4 ROX 3Q22 VAPOR PORT SCREN COMPARISON TO GW ELEVATION (1).DWG Last edited: Sep. 30, 22 @ 3:52 PM by: popescug

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)

—405— 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 JULY 5–7, 2022

* 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

WOOD RIVER REFINERY

VILLAGE OF ROXANA

BP

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
PUBLIC WORKS YARD
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE
MAIN PROPERTY
WEST PROPERTY

404.5 405 404 403.5 403 403 402.5 403.5 404 404.5 405 405.5

T-13 404.66; VMP-64* 414.12; VMP-61; VMP-57; T-1 404.39; VMP-63 413.37; VMP-47 415 07; MW-10 404.25; VMP-62 416.20; VMP-1 401 56; MW-9 404 55; VMP-58; VMP-59; T-2 403.77; ROST-4-PZ(A) 405.19; MW-28 405.28; VMP-48 413.72; VMP-59; VMP-60; ROST-4-PZ(B) 404.51; VMP-20* 404.17; MW-27 404.52; VMP-2* 401.56; P-55R 405.39; VMP-33; ROST-4-PZ(D) 404.27; ROST-4-PZ(C) 404.16; VMP-46; ROST-3-MW 404.09; VMP-42 413.32; VMP-34; P-60 403.59; ROST-4-PZ(E) 404.16; VMP-49 412.03; VMP-3* 403.22; P-68 403.43; VMP-21 409.43; ROST-4-PZ(G) 403.74; MW-17 403.39; MW-11 404.14; VMP-35; T-12 403.35; P-54 404.33; VMP-32* 412.03; VMP-56 403 87; VMP-43 411.54; P-69 402.98; MW-24 404.10; MW-22 403.82; VMP-27; VMP-26; MW-18 403.37; P-62 403.07; VMP-50 413.83; VMP-4* 404 09; P-70 402.91; VMP-22* 407.15; P-74 403.06; VMP-28; VMP-36; MW-19 403.44; P-61 402.72; P-59 403 34; MW-16 403.75; VMP-44* 413.35; VMP-51 414.27; VMP-5 404.59; VMP-37; MW-12 404 04; VMP-23* 404.14; MW-20 403.50; P-56 403.44; VMP-45 413 82; MW-2 403.65; MW-1 403 94; VMP-6 405.18; VMP-38; VMP-52 413.73; VMP-7 405.68; VMP-39; T-6 403.55; P-71 403 58; S-1 403.03; MW-26; VMP-24 407.53; MW-21 403.70; MW-4 404.02; VMP-54 403.65; VMP-9 405.73; VMP-53 413.55; P-57 403.62; MW-3 404.34; VMP-8 406.15; VMP-65; P-73 402.32; MW-25 404.12; VMP-18 433.80; VMP-19 438 05; P-93A 403.69; P-93B; P-93C; P-93D; MW-23 404.63; VMP-41 407.47; VMP-11 405.46; VMP-17 438.84; MW-5 404.30; VMP-10 404.72; VMP-29* 394.66; MW-7 403.94; VMP-12 405.46; VMP-55* 400.55; MW-8 404.21; VMP-13* 406.03; P-58 403 83; P-72 403.76; VMP-14 405.94; VMP-30* 395.54; VMP-25 400.77; P-66 404.00; VMP-15* 404.46; VMP-16 405.95; P-75 403.69; MW-13 404.80; MW-6A 405.47; MW-6B; MW-6C; MW-6D; MW-14 404.48; P-117 405.20; P-114R 405.23; P-116 405.28; P-115 405.38; P-119 405.17; T-7 404.82; P-67 404.80; T-64 405.43; T-62 405.59; T-63 405.53

W–77; T-24 403.07; W–85; W–78; W–79; W–80; W–89; W–81; A–28; A–27

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

PROJECT NO. 60674381

AECOM

DRN. BY: gds October 2022
DSGN. BY: gds
CHKD. BY: mr/bh

3Q22 Vapor Port Screen Comparison to Groundwater Elevation

FIG. NO. 4

0 300
SCALE FEET
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File: C:\USERS\POPESCUG\AECOM\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q22 SV-SVE RPT\WORKSPACE\FIGURE 5 3Q22 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: Sep. 12, 22 @ 3:35 PM by: lorente

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-47	5 ft	<0.003	<0.0033	<0.0035	<0.0036
	10 ft	<0.003	<0.0034	<0.0035	<0.0034 / <0.0034
	20 ft	<0.0032	<0.0032	<0.0034	<0.0034
	30 ft	<0.0032	<0.0034	<0.0038	<0.0034

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-62	5 ft	<0.003	<0.0031	<0.0035	<0.0035
	10 ft	<0.0032	<0.0031	<0.0034	<0.0034
	20 ft	<0.0031	Not Sampled[1]	<0.0034	<0.0036
	30 ft	<0.0031 / <0.003	<0.0033 / <0.0032	<0.0033	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-48	5 ft	<0.0034	<0.0032	<0.0032	<0.0036
	10 ft	**0.0018 J**	Not Sampled[1]	<0.0034 / <0.0034	<0.0035
	20 ft	<0.0032	<0.0031	<0.0034	<0.0037
	30 ft	<0.0033	Not Sampled[1]	<0.0034	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-20	5 ft	<0.0033	<0.0036	<0.0035	<0.0036
	10 ft	<0.0032	<0.003	<0.0034	<0.0034
	25 ft	<0.0032	<0.0034	<0.0031	<0.0036
	39.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-49	5 ft	<0.0034	<0.0033	<0.0038	<0.0038 / <0.0037
	10 ft	<0.0032	<0.0035	<0.0035	<0.0038
	20 ft	<0.0034	<0.0033	<0.0035	**0.0030 J**
	30 ft	<0.0034	<0.0032	<0.0034	<0.0039

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-32	5 ft	<0.0032	<0.0035	<0.0036	<0.0034
	10 ft	<0.0031	**0.0017 J**	**0.025**	<0.0037 / <0.0032
	20 ft	<0.0032	Not Sampled[1]	**0.027**	<0.0035
	30 ft	<0.0032	<0.0034 / <0.0032	<0.0036	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-21	5 ft	<0.0034	<0.0033	**0.018 J**	<0.0034
	10 ft	<0.0033	<0.0033	<0.0037	<0.0035
	25 ft	<0.0034	<0.0032 / <0.0032	<0.0035	<0.0036
	33 ft	<0.0031 / <0.003	<0.0031	<0.0035	<0.0036

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-22	5 ft	<0.0032	<0.0035	Not Sampled[1]	<0.0035
	10 ft	<0.0033	<0.0034	<0.025	<0.0032
	18 ft	Not Sampled[1]	<0.0033	<0.013	Not Sampled[1]
	38 ft	<0.0033	<0.0034	**0.0018 J**	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-23	5 ft	**0.003 J**	<0.0032	<0.0034	<0.0037
	10 ft	<0.0036	<0.0031	<0.0037	<0.0036
	25 ft	<0.0033	<0.0033	<0.0034	<0.0036
	40 ft	Not Sampled[1]	Not Sampled[1]	**0.0014 J** / <0.0036	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-52	5 ft	<0.0031	<0.0035	<0.0033	Not Sampled[1]
	10 ft	<0.0032	<0.0033	**0.028**	Not Sampled[1]
	20 ft	<0.0032 / <0.003	<0.0036 / <0.0036	<0.0035	<0.0032
	30 ft	<0.0032	<0.0034	<0.0035	<0.0034 / <0.0034

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-53	5 ft	<0.003	<0.0036	<0.0034	<0.0035
	10 ft	<0.0033	<0.0035	<0.0033	<0.0036
	20 ft	<0.0031	<0.0034	<0.0034	<0.0036
	30 ft	<0.0032 / **0.0022 J**	<0.0034	<0.0036	<0.0037

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-24	5 ft	<0.0034	<0.0032	<0.0034	**0.0014 J**
	10 ft	<0.0031 / <0.0032	<0.0034	<0.0033	<0.0034
	22 ft	**0.0028 J**	<0.0032	<0.0034 / <0.0034	<0.0033
	34 ft	<0.0033	<0.0032	<0.0034	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-8	5 ft	<0.0036	<0.0033	<0.0034	<0.0036
	9.5 ft	Not Sampled[1]	<0.0036	<0.0034 / <0.0035	<0.0035
	23.5 ft	Not Sampled[1]	<0.0035	<0.0036	<0.0033 / <0.0034
	35.5 ft	Not Sampled[1]	<0.0033	<0.0034	<0.0037

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-54	5 ft	<0.003	<0.0034	<0.0032	<0.0034
	10 ft	<0.0032	<0.0031 / <0.0031	<0.0034	<0.0036
	20 ft	<0.0034	<0.0033	<0.0035	**0.0020 J**
	30 ft	<0.0034	<0.0069	<0.0034	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-18	8.5 ft	<0.0032	<0.0036	<0.0036	<0.0034

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-64	5 ft	<0.0033	<0.0034	<0.0033	**0.0016 J**
	10 ft	<0.0032	<0.0032	<0.0034	<0.0035
	20 ft	<0.0032	<0.003 / <0.0027	<0.0034 / <0.0034	<0.0036 / **0.0015 J**
	28 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-63	5 ft	<0.0041	<0.0034	<0.0034	<0.0036
	10 ft	<0.0039	<0.0035	<0.0034	<0.0032
	20 ft	<0.004	<0.0035	<0.0034	<0.0033
	30 ft	<0.0038 / <0.0038	<0.0035 / <0.0033	<0.0033	<0.0033

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-1	5 ft	<0.0037	<0.0032	<0.0036	<0.0038
	8.5 ft	<0.004	<0.0036	<0.0035	<0.0037
	23.5 ft	<0.004	<0.0032 / <0.0036	<0.0033	<0.0034
	38.5 ft	<0.004	<0.0032	<0.0035	<0.0036

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-2	5 ft	<0.0034	<0.0032	<0.0035	<0.0035
	8.5 ft	**0.0016 J**	<0.0032	<0.0032 / <0.0032	<0.0035
	22 ft	<0.0034	<0.0033	<0.0035	<0.0035
	42 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-42	10 ft	<0.004	<0.0037	<0.0034	<0.0034
	20 ft	<0.0035	<0.0033	<0.0034	<0.0034
	30 ft	<0.0031 / <0.003	<0.0033	<0.0032	<0.0036

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-3	5 ft	**0.0021 J**	<0.0031	**0.0016 J**	<0.0036
	10 ft	<0.0034	Not Sampled[1]	<0.0033 / <0.0034	<0.0037 / <0.0038
	22 ft	<0.0035	<0.003	<0.0039	<0.0037
	31.5 ft	<0.0033	<0.0033 / <0.0033	<0.0034	<0.0035
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-56	10 ft	<0.0034	<0.0036	<0.0035	**0.0013 J** / <0.0037
	25 ft	<0.0036	<0.0037	<0.0034	<0.0034
	38.5 ft	Not Sampled[1]	Not Sampled[1]	**260**	**520**

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-43	10 ft	<0.0033	<0.0034	<0.003	<0.0035
	20 ft	<0.0032	<0.0034	<0.0034	<0.0034 / <0.0034
	30 ft	<0.0033	<0.0033	<0.0034 / <0.0035	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-50	5 ft	<0.0032	<0.0033	**0.0016 J**	<0.0033
	10 ft	<0.0031	<0.0035	<0.003 / <0.003	<0.0032 / <0.0033
	20 ft	<0.0033	<0.0029 / <0.0028	<0.0031	<0.0035
	30 ft	<0.062	<0.011	<0.026	<0.01

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-4	5 ft	<0.0031	<0.0035	<0.0033	<0.0036
	12 ft	<0.0033	<0.0032	<0.0036	<0.0034
	23.5 ft	<0.0032	<0.0033	<0.0035	<0.0037
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-44	10 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]
	20 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]
	30 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-5	5 ft	<0.0034	<0.0034	<0.0032	<0.0033
	12.5 ft	<0.0033 / <0.0034	<0.0033	<0.0034	<0.0035 / <0.0036
	31 ft	<0.0033	Not Sampled[1]	<0.0035	<0.0037
	40 ft	Not Sampled[1]	<0.0034	<0.0034	<0.0033

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-51	5 ft	<0.0034	<0.0032	<0.0033	<0.0034
	10 ft	<0.0035	<0.0033	<0.0033	<0.0035
	20 ft	<0.0034	<0.0034	<0.0033	<0.0035
	30 ft	<0.0035	<0.0036	<0.0034	<0.0038

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-45	10 ft	<0.0032	<0.0036	<0.0036 / <0.0036	<0.0036
	20 ft	<0.003	<0.0036	<0.0035	<0.0038
	30 ft	<0.0032 / <0.0032	<0.0036	<0.0034	<0.0036

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-6	5 ft	<0.0033	<0.0033	<0.0033	<0.0033
	10 ft	<0.0033	<0.0031	<0.0034 / <0.0034	<0.0034
	31.5 ft	<0.003	<0.0034	**0.0013 J**	<0.0037
	39 ft	<0.0032	**0.49 J**	<0.0032	**0.027 J**

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-7	5 ft	**0.0012 J**	<0.0037	<0.0034	<0.0034
	13.5 ft	<0.0032	<0.0034	<0.0035	<0.0035 / <0.0035
	29.5 ft	<0.0031 / <0.0032	<0.0036 / <0.004	<0.0033 / <0.0032	<0.0034
	38 ft	Not Sampled[1]	Not Sampled[1]	<0.0036	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-9	5 ft	<0.0035	<0.0034	<0.0052	<0.0036
	11.5 ft	<0.0034	<0.0032	<0.0033	<0.0035
	25.5 ft	<0.0034	<0.0038	<0.0034 / <0.0034	<0.0034 / <0.0034
	38.5 ft	<0.0032	<0.0038 / <0.0033	<0.0035	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-19	5 ft	**0.0026 J / 0.0062**	<0.0034	<0.0036 / <0.0035	<0.0035

TYDEMAN AVE
CHAFFER AVE
CENTRAL AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
VILLAGE OF ROXANA
FIFTH ST
SIXTH ST
SEVENTH ST
BP
EIGHTH ST
1ST STREET
PUBLIC WORKS YARD
RAND AVENUE
1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE
WEST PROPERTY
REFINERY

VMP-64, VMP-61, VMP-63, VMP-57, VMP-58, VMP-62, VMP-47, VMP-59, VMP-1, VMP-60, VMP-48, VMP-20, VMP-2, VMP-33, VMP-42, VMP-46, VMP-3, VMP-21, VMP-49, VMP-34, VMP-56, VMP-35, VMP-32, VMP-43, VMP-26, VMP-27, VMP-50, VMP-22, VMP-4, VMP-28, VMP-36, VMP-44, VMP-5, VMP-37, VMP-51, VMP-23, VMP-45, VMP-38, VMP-6, VMP-52, VMP-7, VMP-39, VMP-54, VMP-8, VMP-53, VMP-9, VMP-65, VMP-18, VMP-19, VMP-41, VMP-10, VMP-11, VMP-12, VMP-29, VMP-17, VMP-30, VMP-55, VMP-13, VMP-14, VMP-25, VMP-15, VMP-16

NOTES:

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

LEGEND

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

0 200
SCALE FEET
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EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60674381
AECOM		
DRN. BY: gds October 2022 DSGN. BY: djd CHKD. BY: smf	3Q22 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana	FIG. NO. 5

File: C:\USERS\POPESCUG\DOWNLOADS\FIGURE 6 3Q22 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS.DWG Last edited: Sep. 30, 22 @ 6:04 PM by: lorente

LEGEND

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

NOTES:

1. NOT SAMPLED[1] = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. NOT SAMPLED[2] = 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.

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-11	5 ft	<0.0031	<0.0036	**0.0064**	<0.0038
	8 ft	<0.0033	<0.0034	<0.0034	<0.0034
	29 ft	<0.0033 / <0.0032	Not Sampled[1]	<0.0033	**0.0012 J**
	38 ft	<0.0032	Not Sampled[1]	**0.0014 J**	<0.0037

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-10	5 ft	<0.0034	<0.0031	<0.0034	<0.0036
	10 ft	<0.0032	<0.0034	<0.0034	<0.0036
	20 ft	<0.0033 / <0.0034	<0.0035	<0.0033	<0.0036
	30 ft	Not Sampled[1]	<0.0034	<0.0033	<0.0035

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-41	10 ft	<0.0038	<0.0032	<0.0034 / <0.0033	<0.0035
	20 ft	<0.0034	Not Sampled[1]	<0.0034	<0.0035
	26 ft	<0.0035	<0.0032	<0.0034	<0.0036

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-29	10 ft	<0.0033	<0.0034	**0.051**	<0.0034
	18 ft	**0.0022 J**	<0.0033	**0.018**	**0.0028 J / 0.0026 J**
	26 ft	**0.0011 J**	<0.0034	**0.053**	**0.0027 J**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-30	10 ft	<0.0032	<0.0034	**0.0024 J**	**0.0021 J**
	18 ft	**0.0043**	<0.0033 / <0.0032	**0.013**	**0.021**
	26 ft	**0.011**	<0.0031	**0.015**	**0.0091**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-13	5 ft	<0.0033	<0.003	<0.0034	<0.0035
	10.5 ft	<0.0032	<0.0034	<0.0034	<0.0034
	21.5 ft	<0.0034 / <0.0032	<0.0033	<0.0034	**0.0016 J**
	29.5 ft	<0.0032	<0.0035 / <0.0034	<0.0035	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-15	5 ft	**0.0014 J**	<0.0036	<0.0037	<0.0034
	21.5 ft	<0.0058	<0.0035	<0.0034	<0.0036 / <0.0035
	25.5 ft	<0.0034	<0.0037	**0.0016 J**	<0.0036
	29 ft	Not Sampled[1]	Not Sampled[1]	<0.0033	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
VMP-14	5 ft	<0.0033	Not Sampled[1]	**0.0013 J**	<0.0033
	11.5 ft	<0.0032	Not Sampled[1]	<0.0035	<0.0033 / <0.0032
	20 ft	<0.0033	<0.0034	<0.0036 / <0.0034	<0.0036
	29 ft	<0.0034	<0.0036	<0.0040	<0.0036

WEST

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22	3Q22
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	<1.2	<0.91	<1.6	<0.098
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 4Q21	1Q22	2Q22 (Initial Sample)	2Q22 (Re-sample)	3Q22
VMP-25	5 ft	**0.0014 J** / <0.0033	<0.0035 / <0.0033	<3.4 / <3.5	<0.11	**0.018 J**
	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]

HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
RAND AVENUE
VILLAGE OF ROXANA
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
MAIN PROPERTY
1980 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE
VMP-3, VMP-21, VMP-49, VMP-56, VMP-32, VMP-43, VMP-22, VMP-50, VMP-4, VMP-44, VMP-51, VMP-5, VMP-45, VMP-6, VMP-52, VMP-7, VMP-54, VMP-8, VMP-9, VMP-53, VMP-18, VMP-19, VMP-10, VMP-41, VMP-17, VMP-12, VMP-29, VMP-11, VMP-30, VMP-55, VMP-14, VMP-13, VMP-25, VMP-15, VMP-16, VMP-34, VMP-35, VMP-27, VMP-26, VMP-28, VMP-36, VMP-37, VMP-38, VMP-39, VMP-65
A–28, A–27, A–22, A–147, F–76, F–77, F–78, F–73, F–74

0 200
SCALE FEET
N

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

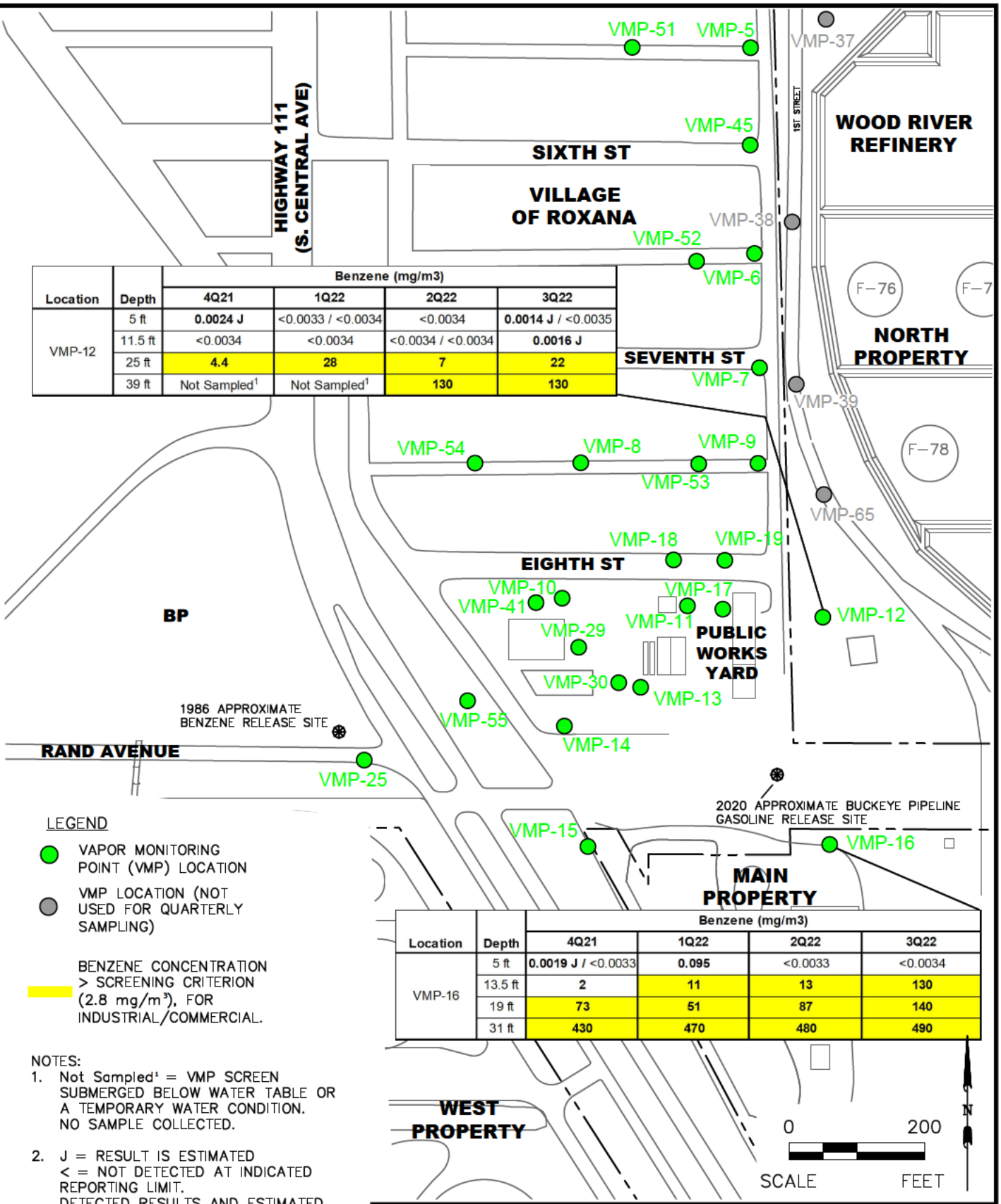
PROJECT NO. 60674381

AECOM

DRN. BY: gds October 2022
DSGN. BY: djd
CHKD. BY: smf

3Q22 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6



Location	Depth	Benzene (mg/m3)			
		4Q21	1Q22	2Q22	3Q22
VMP-12	5 ft	**0.0024 J**	<0.0033 / <0.0034	<0.0034	**0.0014 J** / <0.0035
	11.5 ft	<0.0034	<0.0034	<0.0034 / <0.0034	**0.0016 J**
	25 ft	**4.4**	**28**	**7**	**22**
	39 ft	Not Sampled[1]	Not Sampled[1]	**130**	**130**

Location	Depth	Benzene (mg/m3)			
		4Q21	1Q22	2Q22	3Q22
VMP-16	5 ft	**0.0019 J** / <0.0033	**0.095**	<0.0033	<0.0034
	13.5 ft	**2**	**11**	**13**	**130**
	19 ft	**73**	**51**	**87**	**140**
	31 ft	**430**	**470**	**480**	**490**

LEGEND

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

NOTES:

1. Not Sampled[1] = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. J = RESULT IS ESTIMATED
   < = NOT DETECTED AT INDICATED REPORTING LIMIT.
   DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.
3. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
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ROXANA, ILLINOIS

PROJECT NO. 60674381

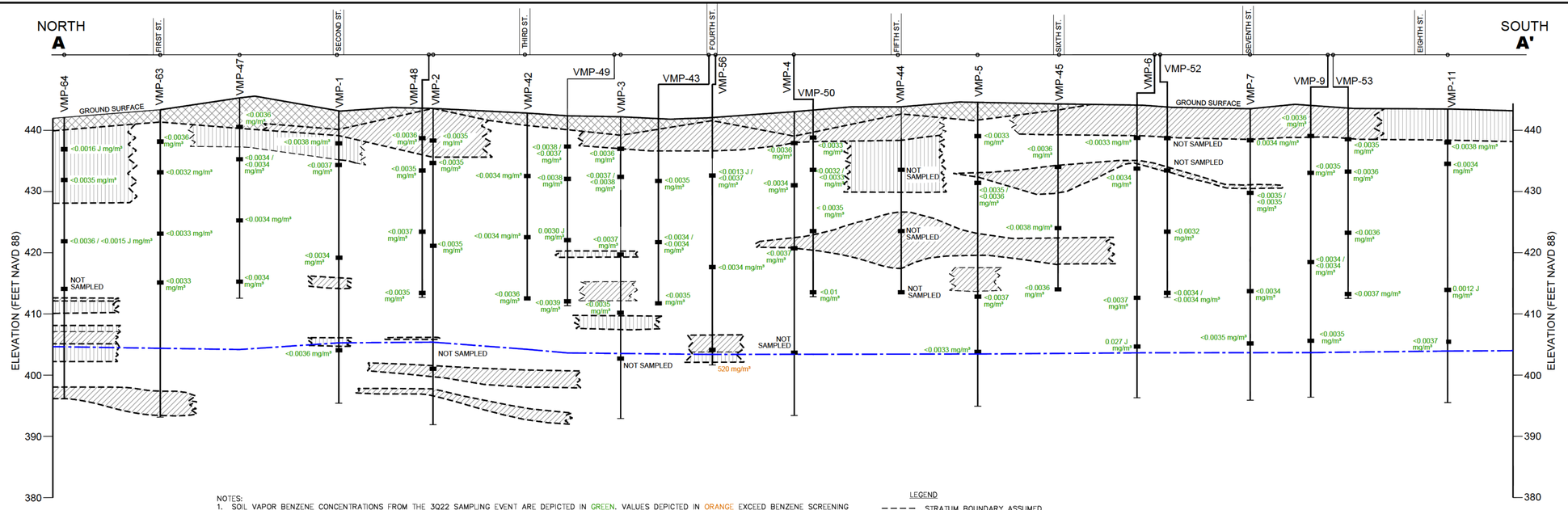
AECOM

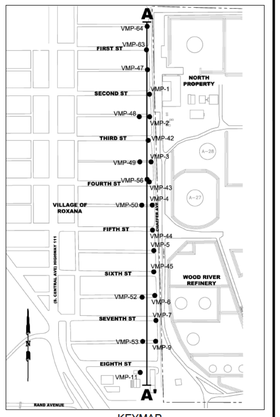
DRN. BY: gds October 2022
DSGN. BY: djd
CHKD. BY: smf

3Q22 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

File: C:\USERS\POPESCUGV\ACCOMA\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE--ROXANA--IL\ROXANA 3Q22 SV-SVE RPT\WORKSPACE\FIGURE 7 3Q22 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS.DWG Last edited: Sep. 12, 22 @ 2:31 PM by: lorente





KEYMAP
NOT TO SCALE

NOTES:

1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 3Q22 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1–9, 32, AND 42–45, 47–50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP–11 [COMMERCIAL/INDUSTRIAL]).
2. GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS–SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED JULY 5–7, 2022.
3. THIS GEOLOGIC CROSS–SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
4. CROSS–SECTION TRACE LINE SHOWS DISTANCE AND DIRECTION EACH POINT WAS PROJECTED TO CONSTRUCT THIS CROSS–SECTION.
5. VMPs OFFSET FROM CROSS–SECTIONAL LINE (VMP–43, VMP–48, VMP–49, VMP–50, VMP–52, AND VMP–53) ARE INCLUDED TO DISPLAY BENZENE CONCENTRATION DATA ONLY.

LEGEND

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

0 10
VERTICAL SCALE FEET

0 100
APPROXIMATE HORIZONTAL SCALE FEET

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60674381
AECOM		
DRN. BY: gds October 2022 DSGN. BY: ajk CHKD. BY: smf	3Q22 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue	FIG. NO. 8

File: C:\USERS\POPESCUG\AECOM\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00686-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q22 SV-SVE RPT\WORKSPACE\FIGURE 9 3Q22 BENZENE SOIL VAPOR DISTRIBUTION - 5 FT BGS.DWG Last edited: Sep. 12, 22 @ 11:13 AM by: lorente

LEGEND

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

NOTES:

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

FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
RAND AVENUE
BP
NORTH PROPERTY
WOOD RIVER REFINERY
VILLAGE OF ROXANA
PUBLIC WORKS YARD
WEST PROPERTY
MAIN PROPERTY
1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE

VMP-64, VMP-61, VMP-57, VMP-63, VMP-58, VMP-47, VMP-62, VMP-59, VMP-60, VMP-1, VMP-33, VMP-2, VMP-20, VMP-48, VMP-46, VMP-42, VMP-34, VMP-3, VMP-21, VMP-49, VMP-35, VMP-56, VMP-32, VMP-43, VMP-27, VMP-26, VMP-22, VMP-50, VMP-4, VMP-28, VMP-36, VMP-44, VMP-37, VMP-23, VMP-51, VMP-5, VMP-45, VMP-38, VMP-6, VMP-52, VMP-39, VMP-24, VMP-7, VMP-8, VMP-9, VMP-54, VMP-53, VMP-65, VMP-18, VMP-19, VMP-10, VMP-11, VMP-41, VMP-17, VMP-29, VMP-12, VMP-30, VMP-13, VMP-55, VMP-14, VMP-25, VMP-15, VMP-16

A-32, A-28, A-27, A-22, F-76, F-77, F-78, F-73, F-74

0 200 SCALE FEET N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60674381	
AECOM		
DRN. BY: gds October 2022 DSGN. BY: djd/jd CHKD. BY: smf	3Q22 Benzene Soil Vapor Distribution – 5 ft bgs	FIG. NO. 9

File: C:\USERS\LAZAR\AECOM\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00686-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA_3Q22_SV-SVE_RPT\WORKSPACE\FIGURE 10_3Q22_BENZENE SOIL VAPOR DISTRIBUTION - 10 FT BGS.DWG Last edited: Sep. 14, 22 @ 1:41 PM by: lorente

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.

VMP-64 VMP-61 VMP-57 VMP-63 VMP-58 VMP-47 VMP-62 VMP-59 VMP-60 VMP-1 VMP-2 VMP-20 VMP-48 VMP-33 VMP-46 VMP-42 VMP-34 VMP-21 VMP-49 VMP-3 VMP-35 VMP-56 VMP-32 VMP-43 VMP-27 VMP-26 VMP-22 VMP-50 VMP-4 VMP-28 VMP-36 VMP-44 VMP-37 VMP-23 VMP-51 VMP-5 VMP-45 VMP-38 VMP-6 VMP-52 VMP-24 VMP-7 VMP-54 VMP-8 VMP-9 VMP-53 VMP-65 VMP-18 VMP-19 VMP-41 VMP-10 VMP-11 VMP-17 VMP-12 VMP-29 VMP-30 VMP-13 VMP-55 VMP-14 VMP-25 VMP-15 VMP-16 VMP-39

A-32 A-28 A-27 A-22 F-76 F-77 F-78 F-73 F-74

FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST

HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET

NORTH PROPERTY
WOOD RIVER REFINERY
VILLAGE OF ROXANA
PUBLIC WORKS YARD
BP
WEST PROPERTY
MAIN PROPERTY
RAND AVENUE

1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE

0.37
1

0 200
SCALE FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60674381
AECOM		
DRN. BY: gds October 2022 DSGN. BY: djd/jd CHKD. BY: smf	3Q22 Benzene Soil Vapor Distribution – 10 ft bgs	FIG. NO. 10

File: C:\USERS\POPESCUG\AECOM\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USFD0666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q22 SV-SVE RPT\WORKSPACE\FIGURE 11 3Q22 BENZENE SOIL VAPOR DISTRIBUTION - 25 FT BGS.DWG Last edited: Sep. 12, 22 @ 12:43 PM by: lorente

LEGEND

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

NOTES:

1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m^3).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.

VMP-64 VMP-61 VMP-57 VMP-63 VMP-58 VMP-47 VMP-62 VMP-59 VMP-60 VMP-1 VMP-33 VMP-20 VMP-2 VMP-48 VMP-46 VMP-34 VMP-42 VMP-3 VMP-21 VMP-49 VMP-35 VMP-32 VMP-56 VMP-43 VMP-27 VMP-26 VMP-22 VMP-50 VMP-4 VMP-28 VMP-36 VMP-44 VMP-37 VMP-23 VMP-51 VMP-5 VMP-45 VMP-38 VMP-6 VMP-52 VMP-39 VMP-24 VMP-7 VMP-54 VMP-8 VMP-9 VMP-53 VMP-65 VMP-18 VMP-19 VMP-41 VMP-10 VMP-11 VMP-17 VMP-29 VMP-12 VMP-30 VMP-13 VMP-55 VMP-14 VMP-25 VMP-15 VMP-16

FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
RAND AVENUE
BP
VILLAGE OF ROXANA
PUBLIC WORKS YARD
NORTH PROPERTY
WOOD RIVER REFINERY
MAIN PROPERTY
WEST PROPERTY
A-32
A-28
A-27
A-22
F-76
F-77
F-78
F-73
F-74
F-75
1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE
0.37
1
10
100

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60648474
AECOM	
DRN. BY: gds October 2022 DSGN. BY: djd/jd CHKD. BY: smf	3Q22 Benzene Soil Vapor Distribution – 25 ft bgs
	FIG. NO. 11

File: C:\USERS\POPESCUG\DOWNLOADS\FIGURE 12 3Q22 DISSOLVED PHASE BENZENE CONCENTRATION IN GROUNDWATER (1).DWG Last edited: Sep. 30, 22 @ 3:20 PM by: popescug

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. 1100 / 1100) INDICATE DUPLICATE SAMPLES OR CONFIRMATION SAMPLES.
6. CONTOUR LINES IN AREA OF P-55R AND P-66 ADJUSTED BASED ON AVAILABLE 3Q22 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.

SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
1ST STREET
2ND STREET
RAND AVENUE
VILLAGE OF ROXANA
BP
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
MAIN PROPERTY
WEST PROPERTY

PZ-1(101) PZ-1(85) MW-9 <0.001 MW-10 <0.001 MW-28 <0.001 MW-27 <0.001 ROST-4-PZ(A) ROST-4-PZ(B) ROST-4-PZ(C) 0.0029 ROST-3-MW <0.001 ROST-4-PZ(D) ROST-4-PZ(E) 0.021 / 0.017 ROST-4-PZ(F) ROST-4-PZ(G) 0.00033 J MW-11 <0.001 P-54 <0.001 MW-24 <0.001 MW-22 0.0026 / 0.0024 MW-18 MW-16 <0.001 MW-19 MW-12 <0.001 PZ-2(84) PZ-2(70.5) MW-20 P-56 0.0007 J MW-2 <0.005 MW-01 <0.001 MW-26 <0.001 P-57 0.014 MW-21 MW-4 <0.001 MW-3 <0.001 MW-25 0.014 MW-5 <0.001 MW-7 560 MW-8 13 / 13 MW-23 <0.001 MW-13 <0.001 P-114R <0.001 MW-6A <0.001 MW-6B <0.001 MW-6C <0.001 MW-6D <0.001 MW-14 <0.001 P-115

0.01 P-55R 0.09* 0.1 P-68 0.12* P-59 1.9 P-74 0.041 P-66 0.01* T-12 1.3 P-93A <0.001 P-93B 1100 / 1100 P-93C <0.001 P-93D 0.0043

0.5 0.05 0.005 0.005 0.05 0.5 5 50 500

P-60-11 P-60-S P-60 P-60-12 P-60-13 P-69 P-70 P-61 P-73 P-75 T-24 T-6

A-34 A-28 A-33 A-27 A-22 F-76 F-77 F-78 F-73 F-74 F-75

R-77 W-77 R-78 W-78 R-79 W-79 R-80 W-80 R-85 W-85 R-89 W-89 R-81 W-81

0 200 SCALE FEET N

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

PROJECT NO. 60674381

AECOM

DRN. BY:gds October 2022
DSGN. BY:mr
CHKD. BY:bh

3Q22 Dissolved Phase Benzene Concentrations in Groundwater

FIG. NO. 12

File: C:\USERS\CRACIUNS\AECOM\GDS GIS SERVICES - DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q21 SV-SVE RPT\WORKSPACE\07.10.2021\FIGURE 13 3Q21 SVE SYSTEM LAYOUT.DWG Last edited: Oct. 7, 21 @ 3:53 PM by: craciuns

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
RAND AVENUE
(S. CENTRAL AVE) HIGHWAY 111
CHAFFER AVE
1ST STREET
2ND STREET
3RD STREET
VILLAGE OF ROXANA
WOOD RIVER REFINERY
NORTH PROPERTY
WEST PROPERTY
MAIN PROPERTY
A-28
A-27
PUBLIC WORKS PROPERTY
NEW CONEX
ABOVE GROUND STORAGE TANKS
RTO CONEX
1986 APPROXIMATE BENZENE RELEASE SITE
2020 APPROXIMATE BUCKEYE PIPELINE GASOLINE RELEASE SITE

VMP-64 VMP-61 SVE-41 VMP-57 VMP-63 SVE-40 VMP-58 VMP-47 VMP-62 VMP-59 SVE-39 VMP-60 SVE-38 VMP-1 SVE-5 VMP-33 SVE-37 VMP-20 VMP-48 VMP-2 SVE-6 VMP-46 SVE-28 SVE-7 VMP-42 VMP-34 SVE-29 SVE-8 VMP-21 VMP-49 VMP-3 SVE-43 SVE-42 SVE-30 VMP-35 SVE-3R SVE-45 SVE-9 VMP-56 SVE-44 SVE-31 VMP-32 VMP-43 SVE-4 SVE-25 SVE-10 VMP-27 SVE-46 VMP-26 SVE-1 SVE-47 SVE-32 VMP-50 VMP-4 SVE-11 VMP-28 VMP-22 VMP-36 SVE-33 SVE-12 VMP-44 SVE-34 SVE-13 VMP-37 VMP-23 VMP-5 VMP-51 SVE-35 SVE-14 VMP-45 SVE-15 VMP-6 VMP-38 VMP-52 SVE-16 SVE-17 VMP-7 VMP-39 VMP-24 SVE-18 VMP-54 VMP-8 VMP-53 VMP-9 VMP-65 SVE-19 VMP-18 VMP-19 SVE-22 SVE-23 VMP-10 SVE-36 SVE-20 VMP-41 VMP-11 VMP-17 VMP-12 SVE-2 SVE-21 VMP-29 VMP-30 VMP-13 VMP-55 SVE-24 SVE-26 SVE-27 VMP-14 VMP-25 VMP-15 VMP-16

LEGEND:

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

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

200 0 200

SCALE IN FEET

N

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

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

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

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

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

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

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

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

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

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

The IEPA issued a letter on May 28, 2015 (IEPA, 2015), approving the corrective action modification requests of two submittals related to the SVE system.

AECOM, on behalf of Shell, 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.

On January 4, 2022, AECOM, on behalf of Shell, submitted a response to the IEPA's October 1, 2020 letter (AECOM, 2022a). Specific responses to each of the IEPA's comments were included, along with supporting materials.

On March 23, 2022, AECOM, on behalf of Shell, submitted a request to the IEPA asking that the due dates for the quarterly Roxana Soil Vapor Sampling & SVE Monitoring Reports be pushed back two weeks. On July 8, 2022 the IEPA responded with a letter approving the request. Effective beginning with the 2Q22 report, the 1st Quarter report is now due on May 15, the 2nd Quarter report is due August 15, the 3rd Quarter report is due November 15, and the 4th Quarter report is due February 15.

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.

APPENDIX A
SITE BACKGROUND AND REGULATORY HISTORY

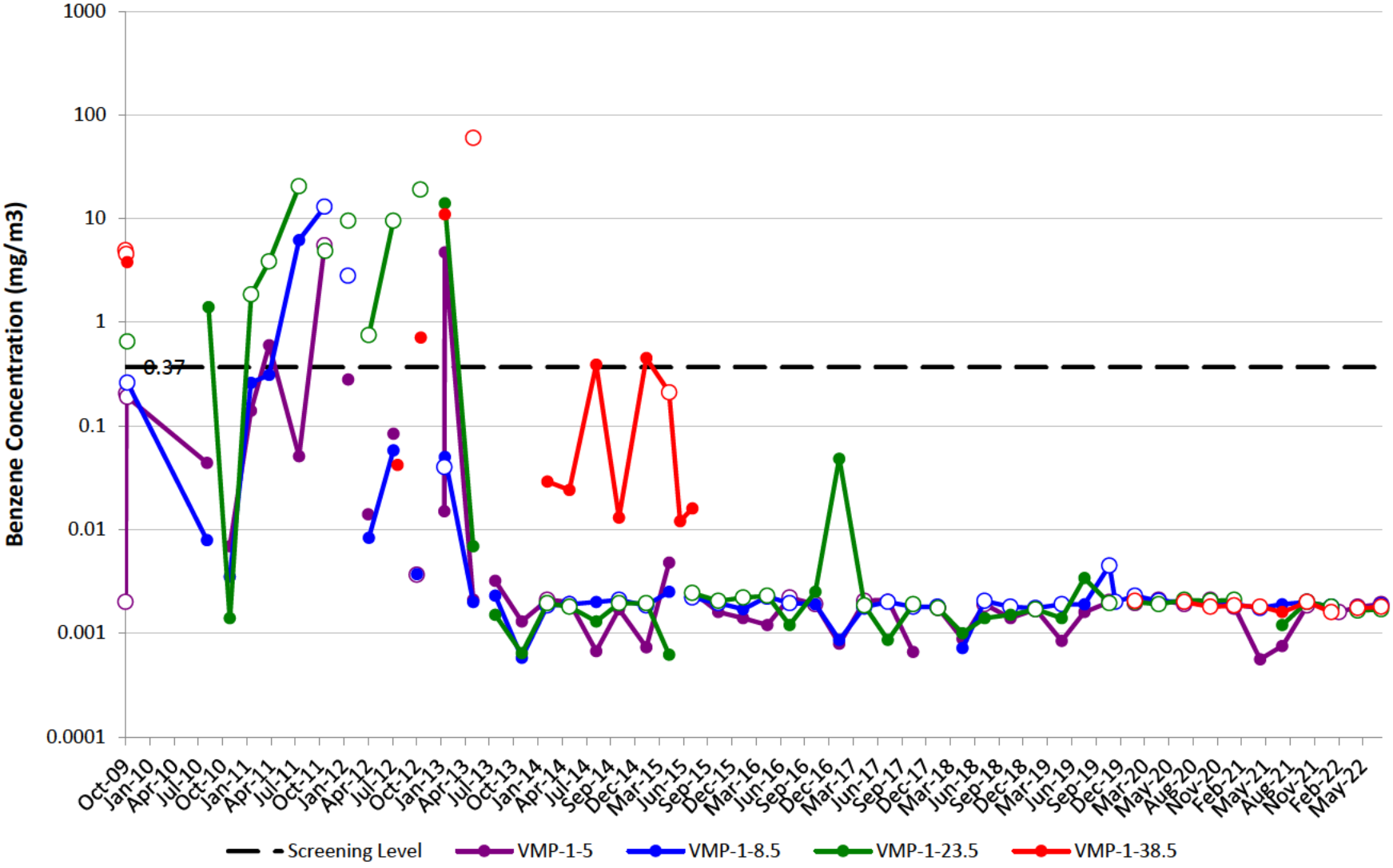
The IEPA issued a letter on May 28, 2015 (IEPA, 2015) approving the corrective action modification requests of August 16, 2013, which included activities to study potential enhancement of the existing SVE system near the corner of 4th Street and Chaffer Avenue. The IEPA 2015 letter also approved the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

On January 31, 2022, AECOM, on behalf of Shell, submitted the *Public Works Yard Steam Enhanced Extraction Workplan* for Roxana, Illinois (AECOM, 2022b). This workplan described the proposed steam enhanced extraction system for remediation of residual material in the saturated zone at the Roxana Public Works Yard. The IEPA issued a letter on August 22, 2022 (IEPA, 2022) approving steam enhanced extraction technology for use at the Public Works Yard. AECOM and Shell met with IEPA on September 21, 2022 to discuss the 8/22/2022 response letter and the steam enhanced extraction system.

Appendix B
Benzene and Methane Charts

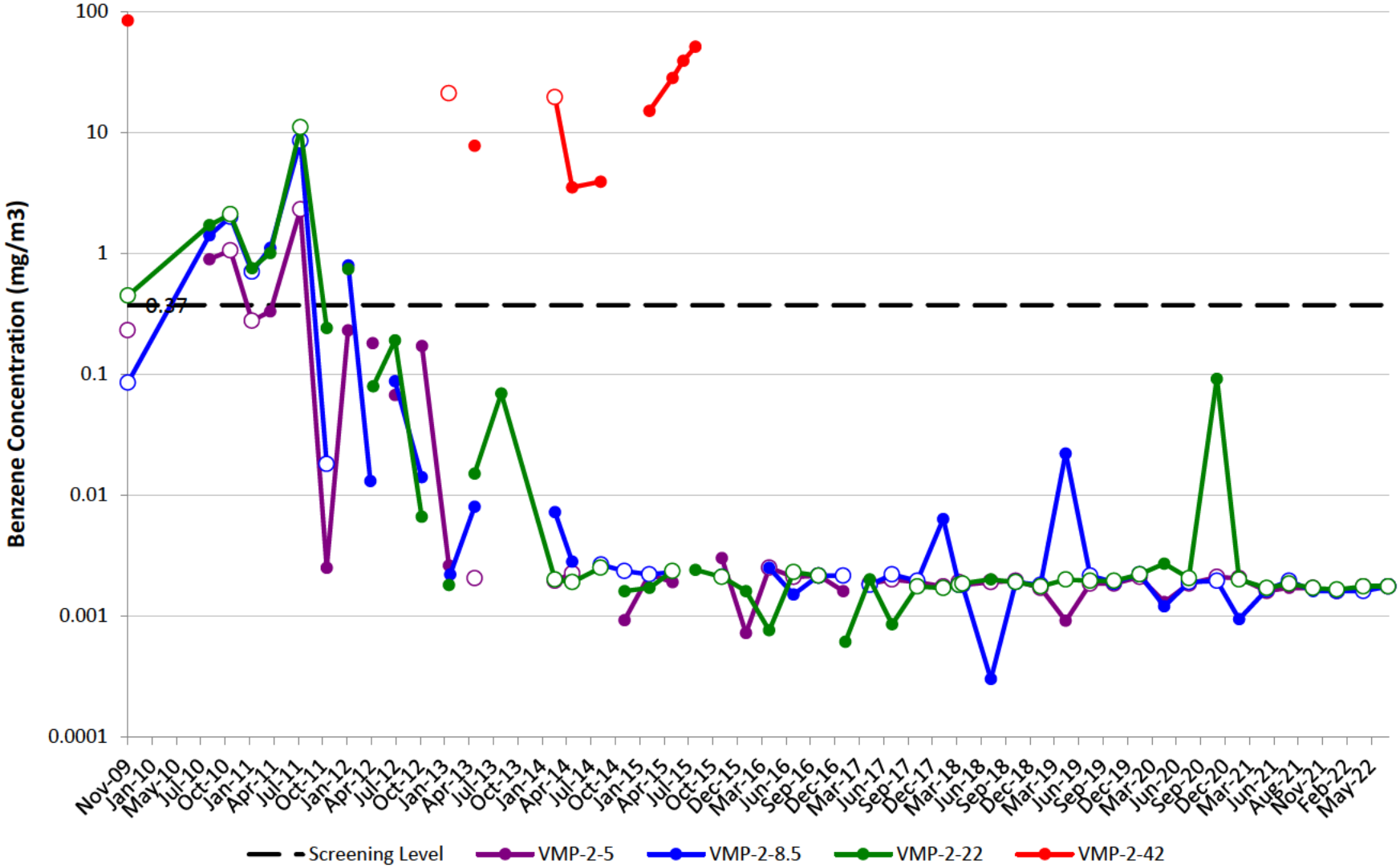
VMP-1

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.



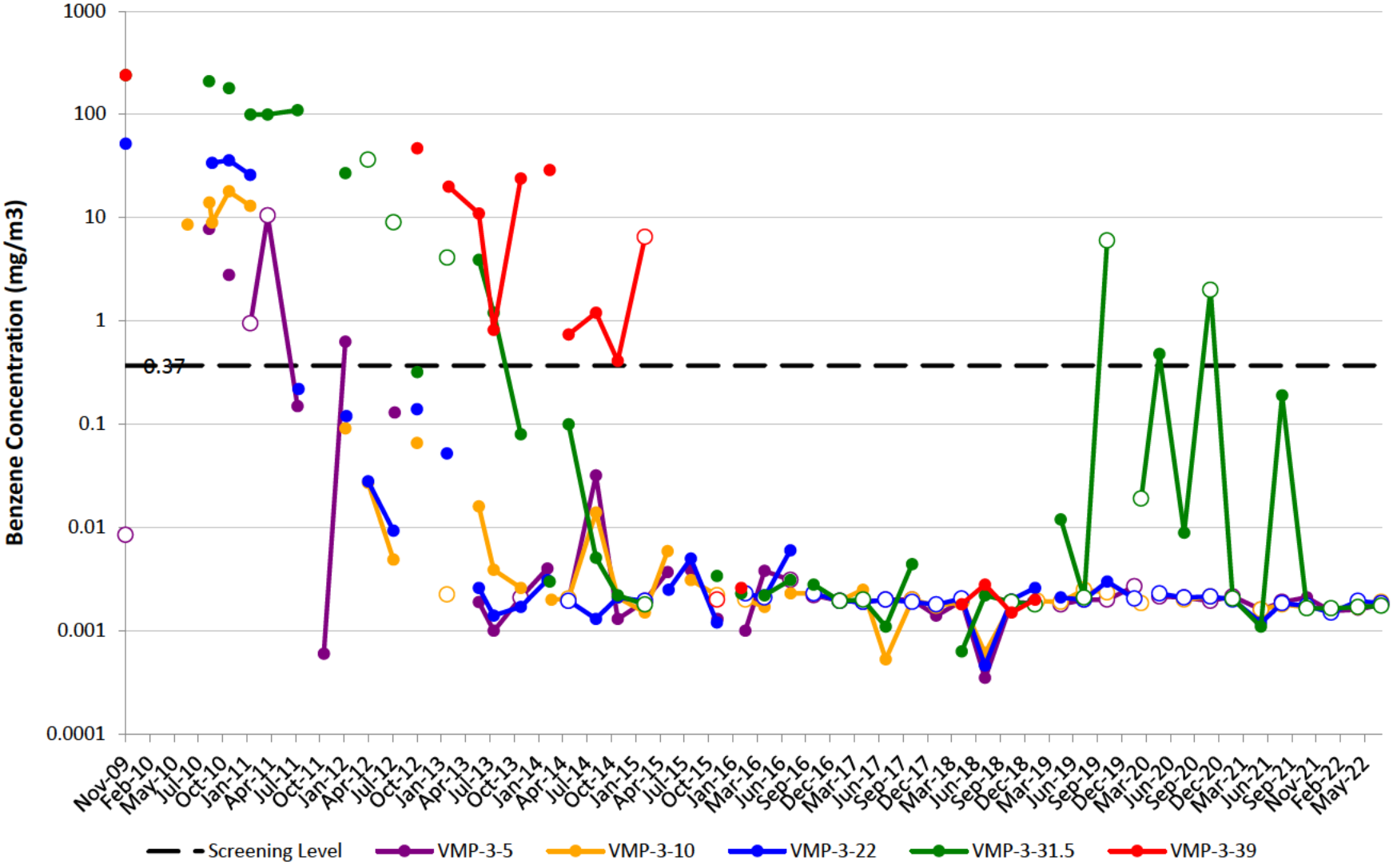
VMP-2

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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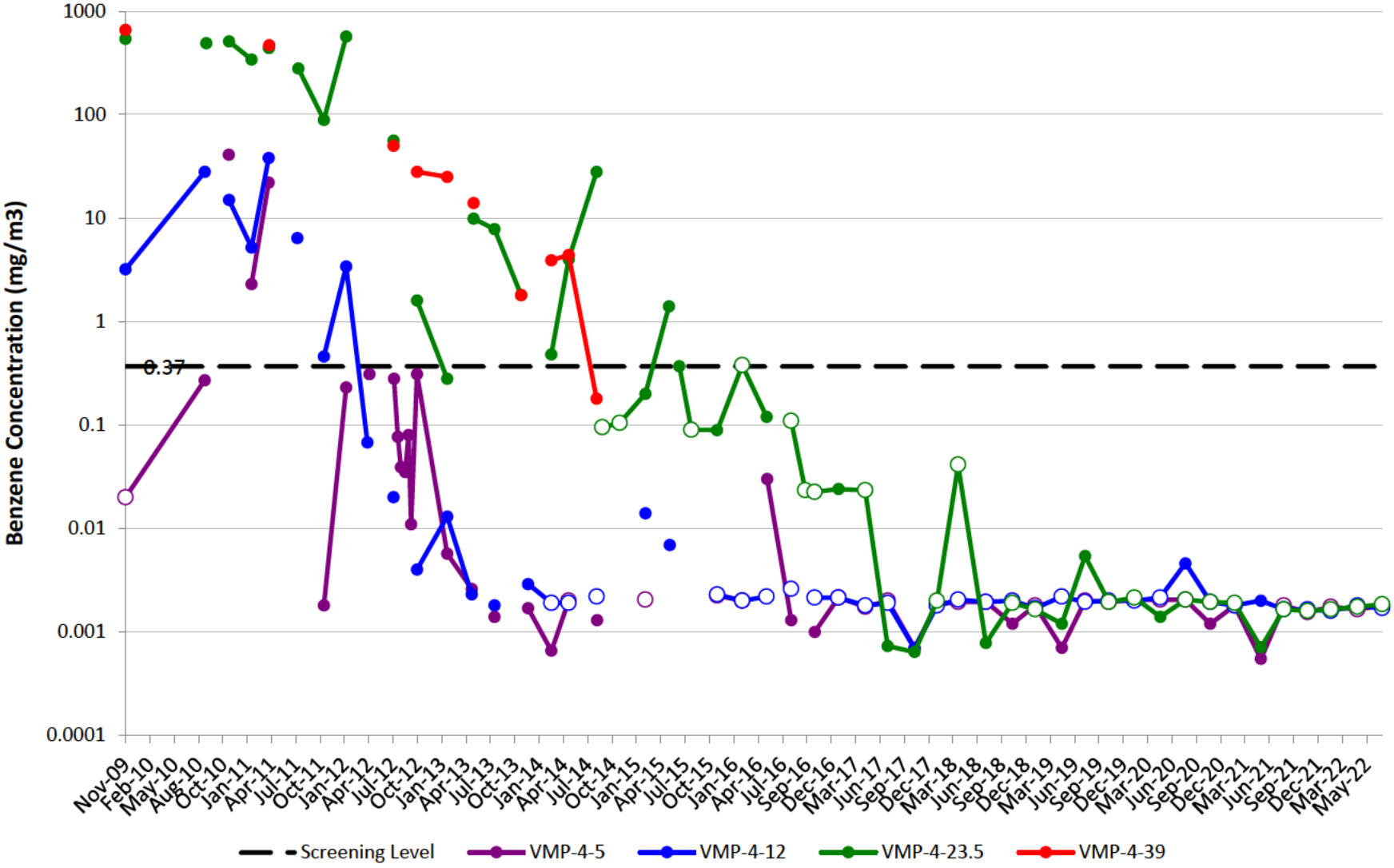
VMP-3

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.



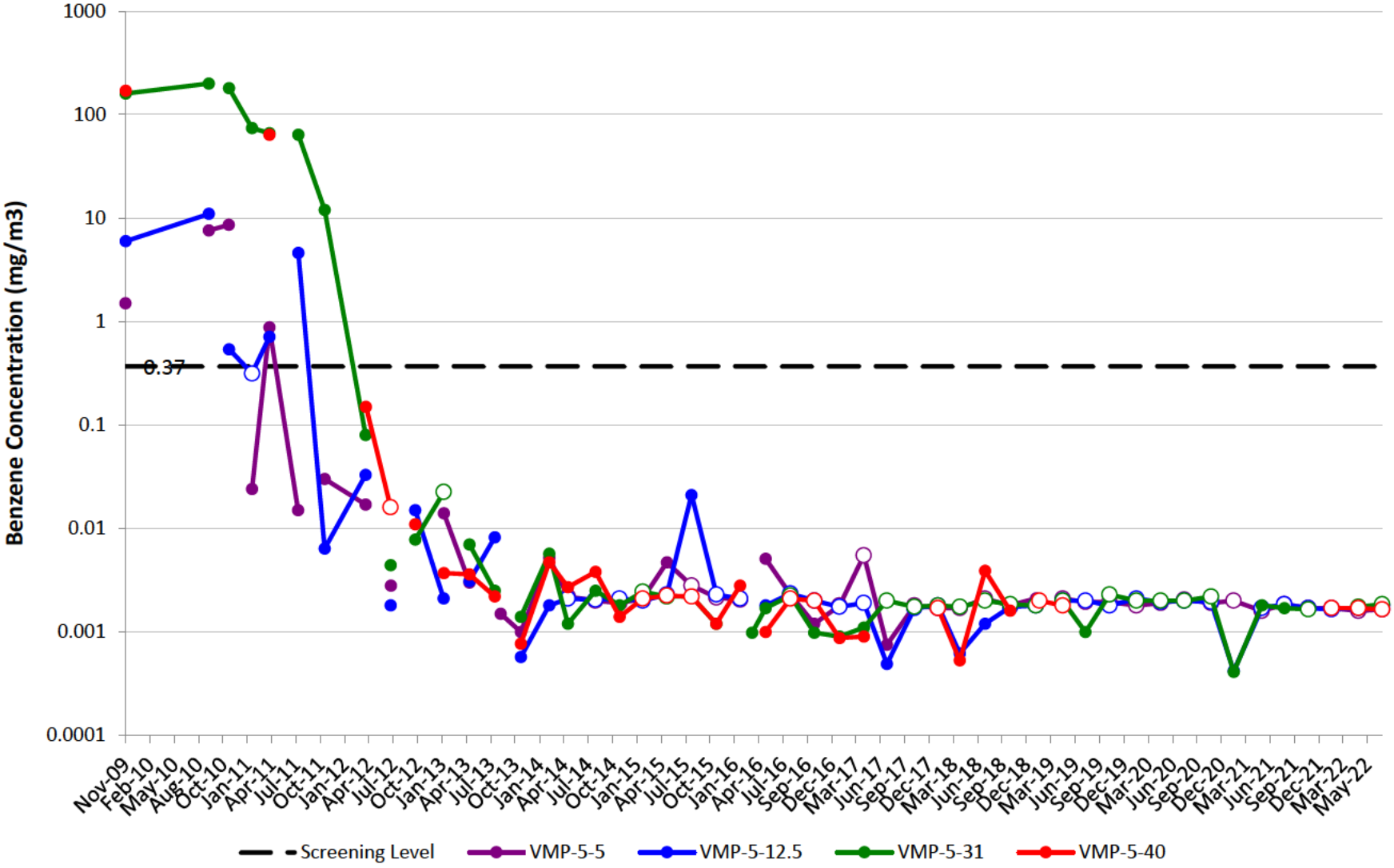
VMP-4

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.



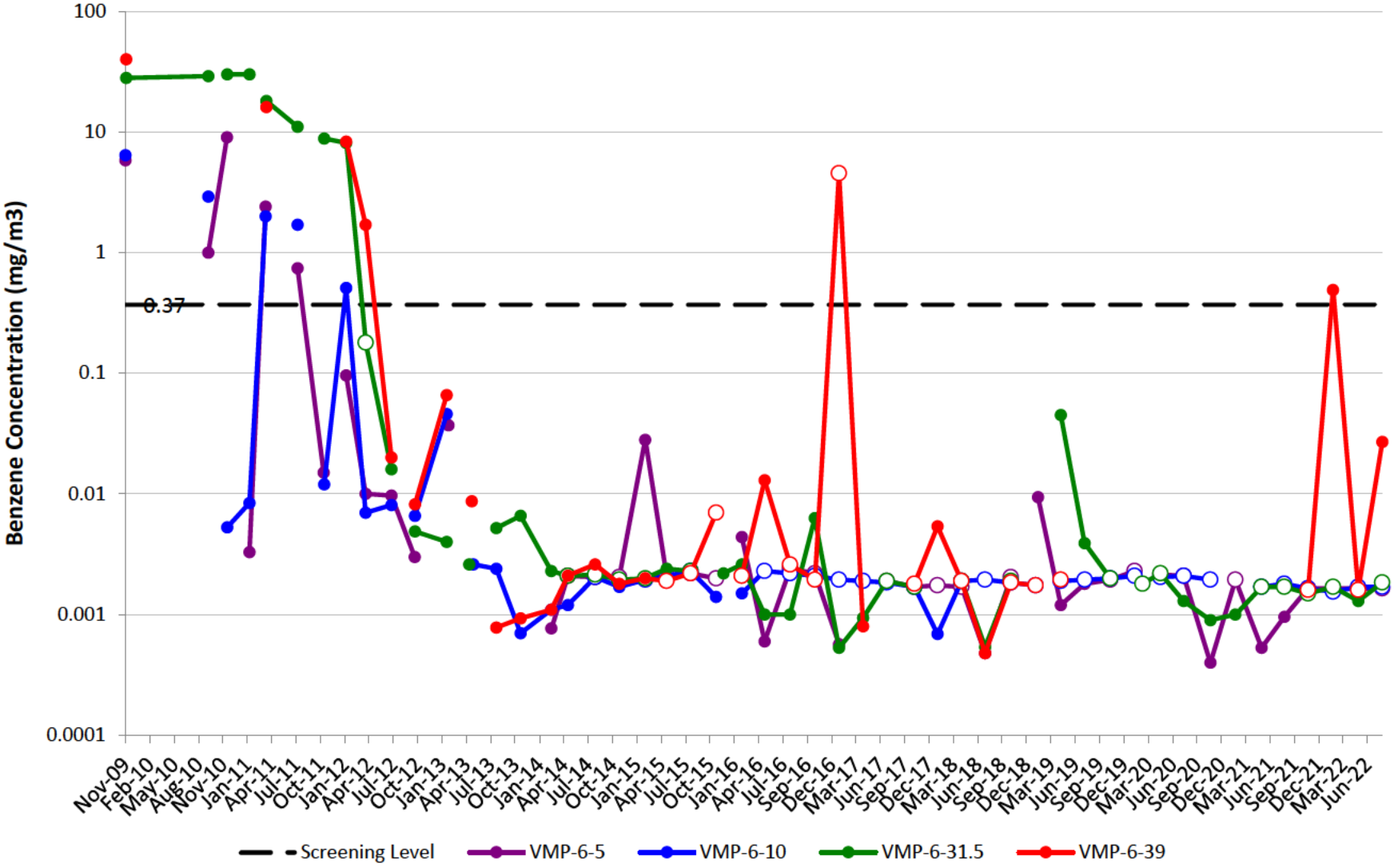
VMP-5

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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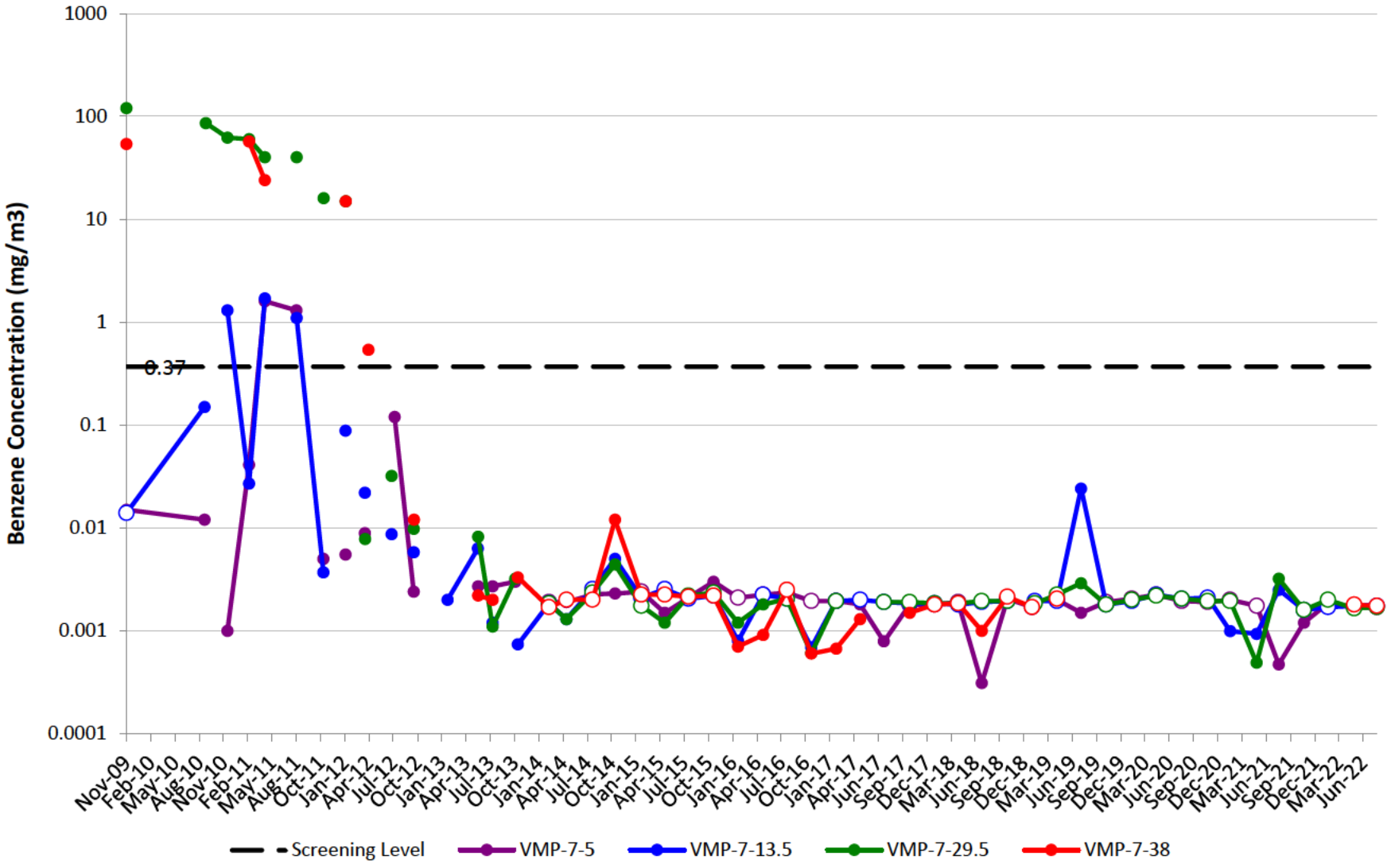
VMP-6

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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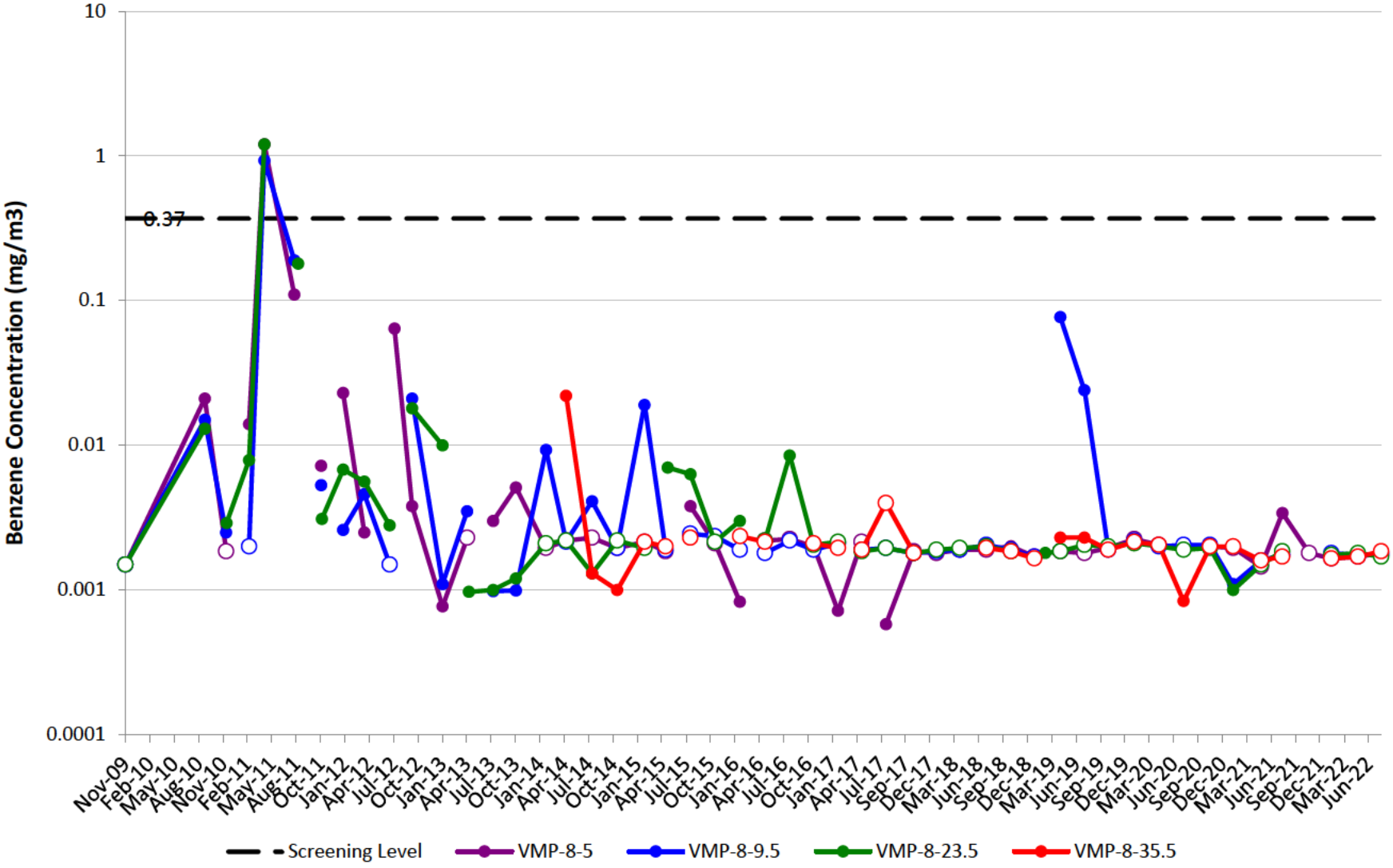
VMP-7

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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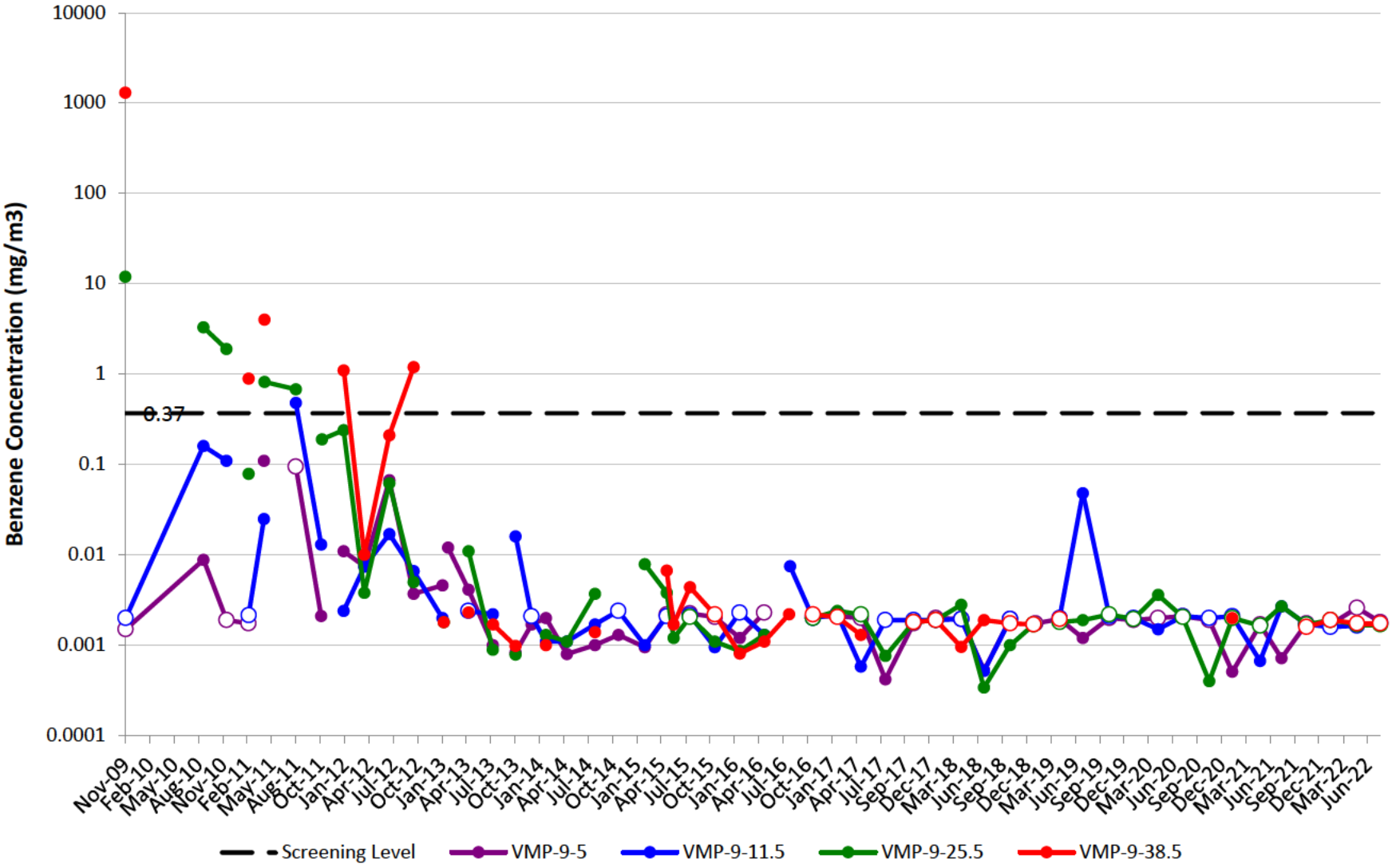
VMP-8

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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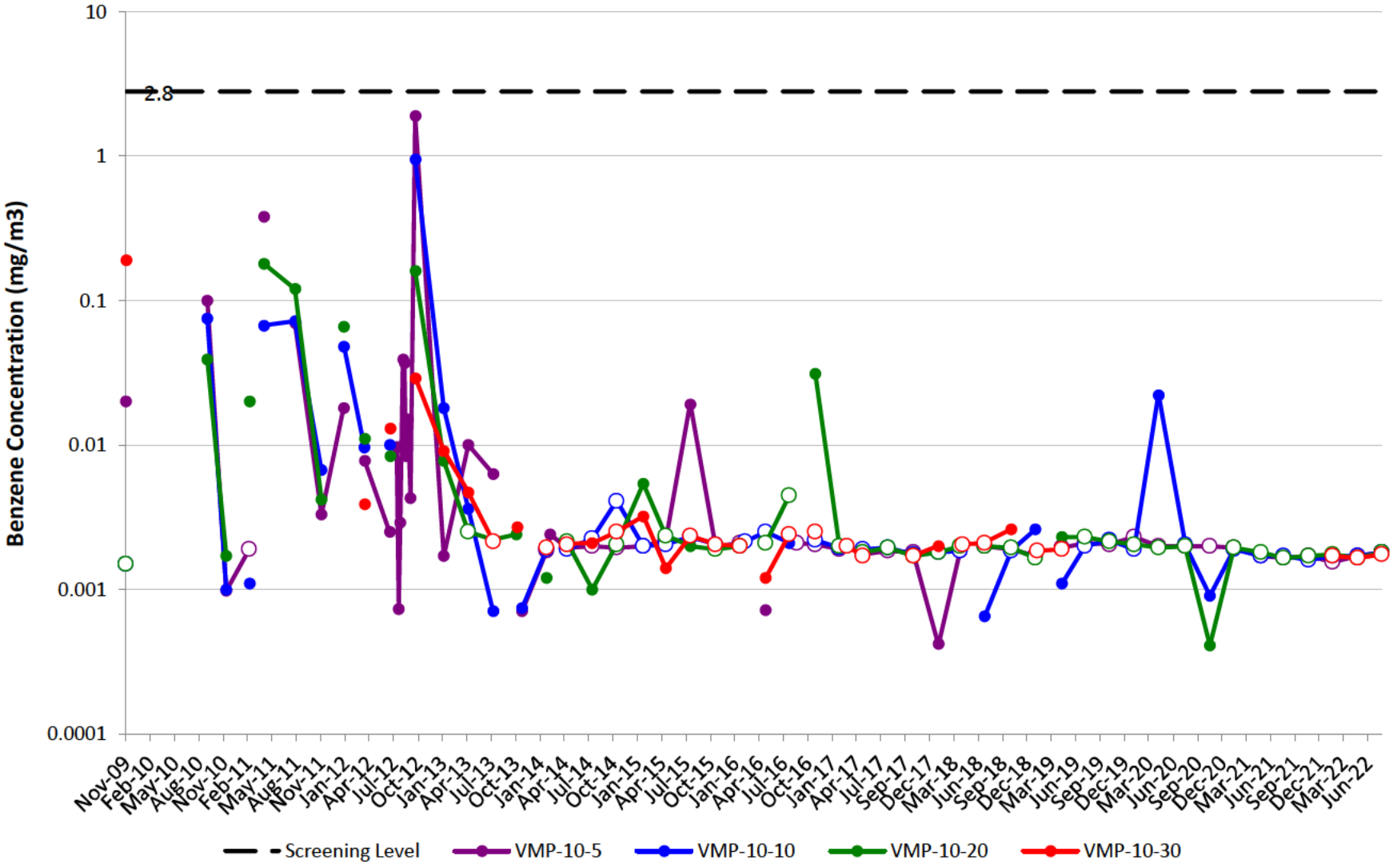
VMP-9

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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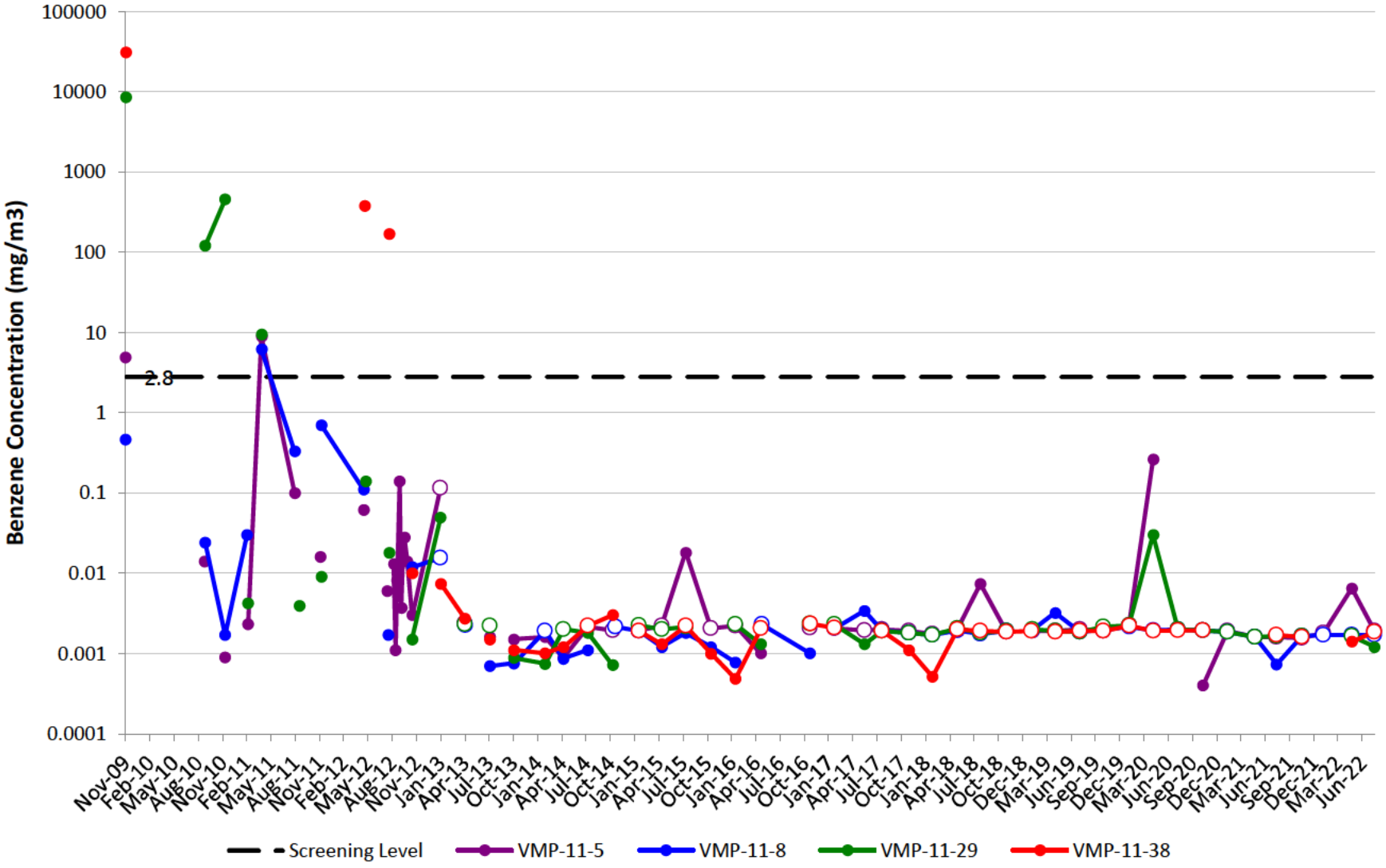
VMP-10

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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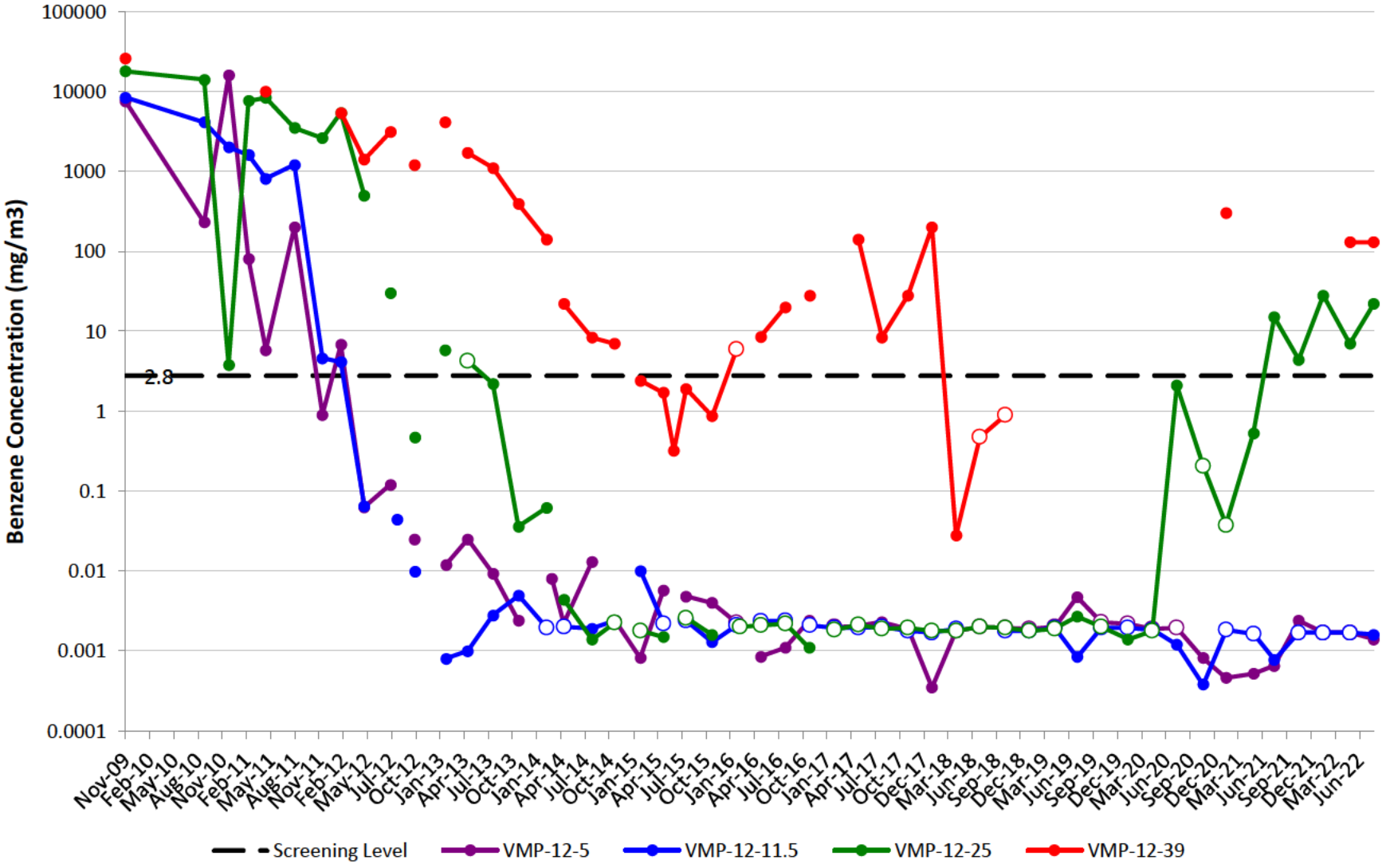
VMP-11

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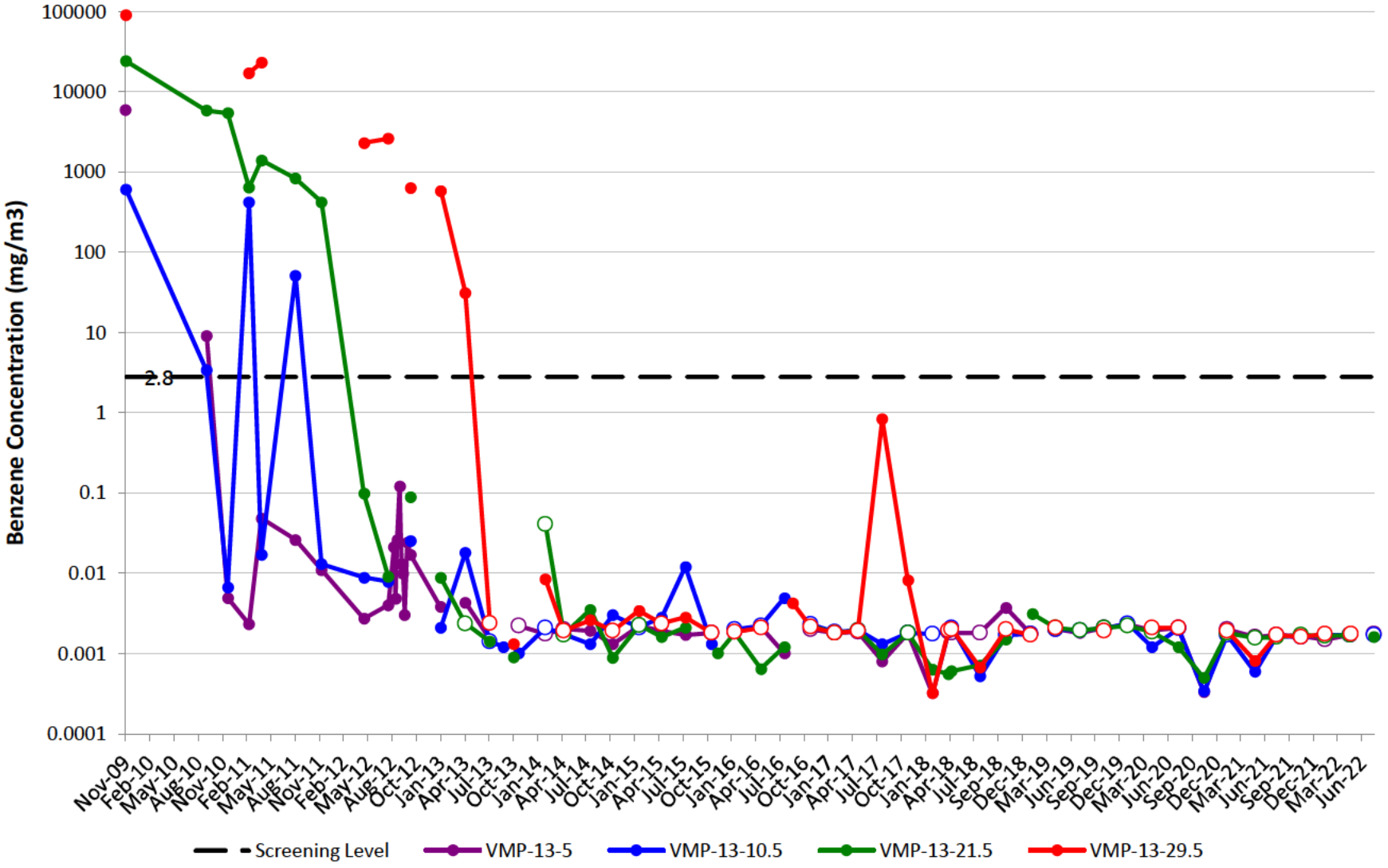
VMP-12

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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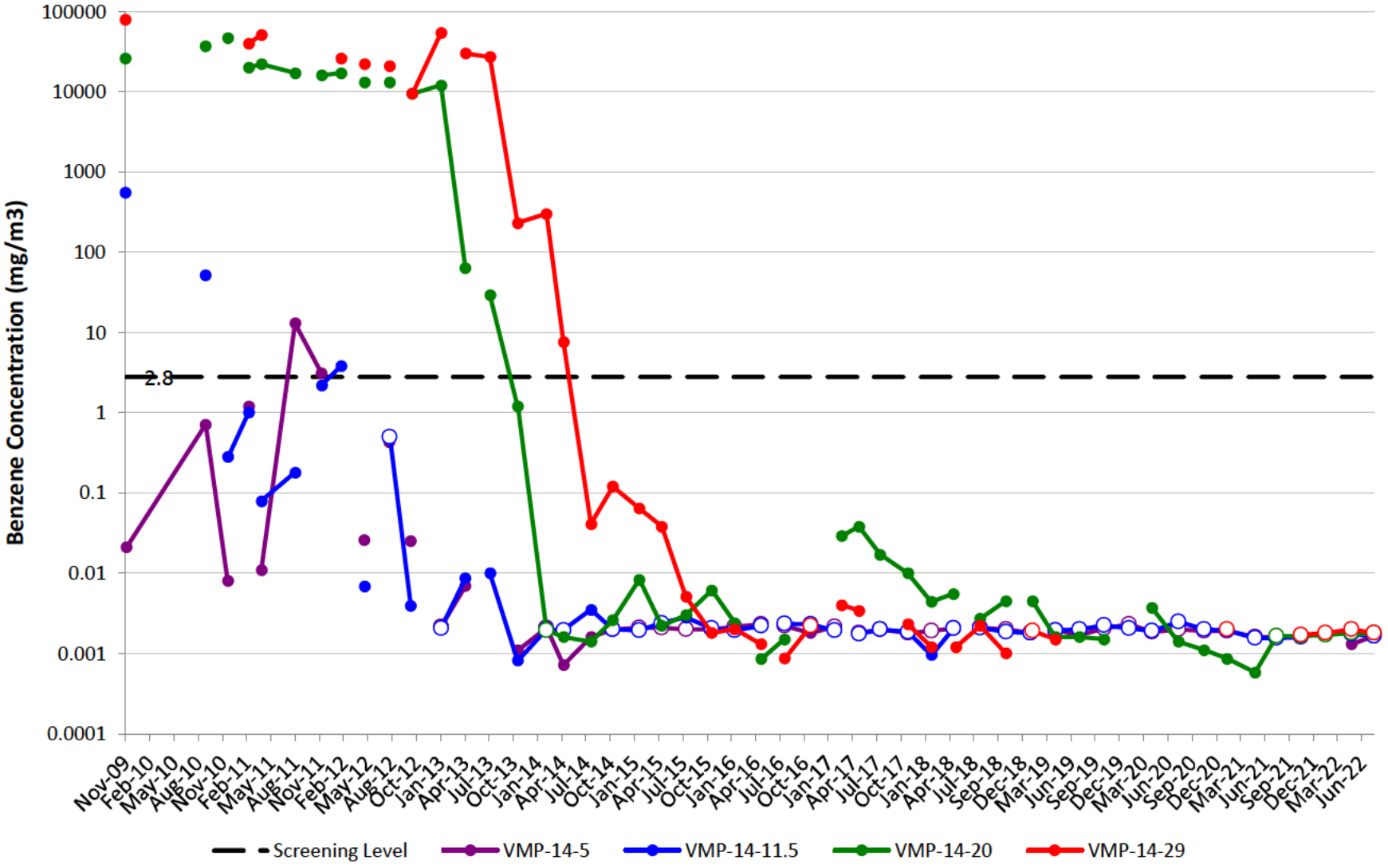
VMP-13

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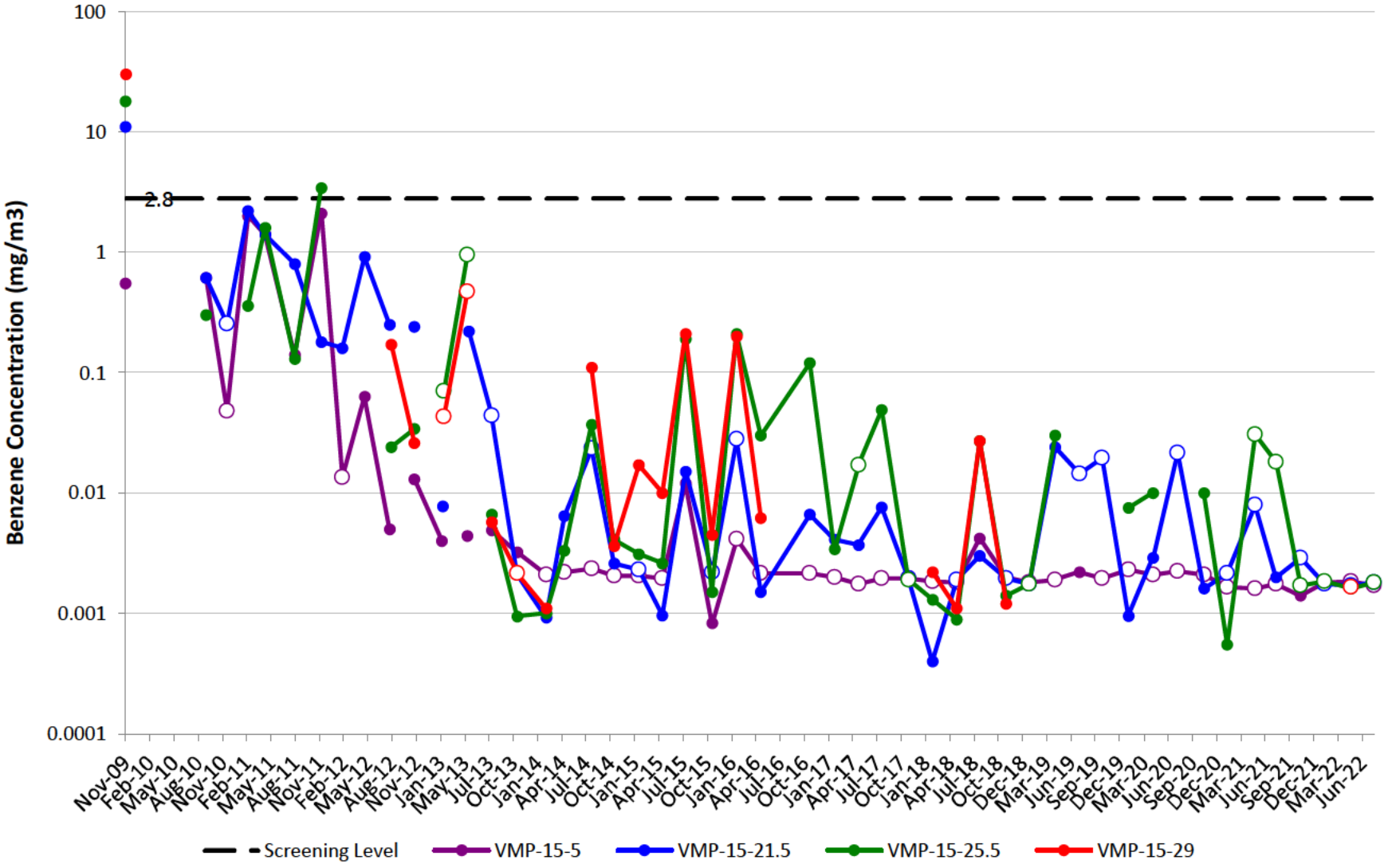
VMP-14

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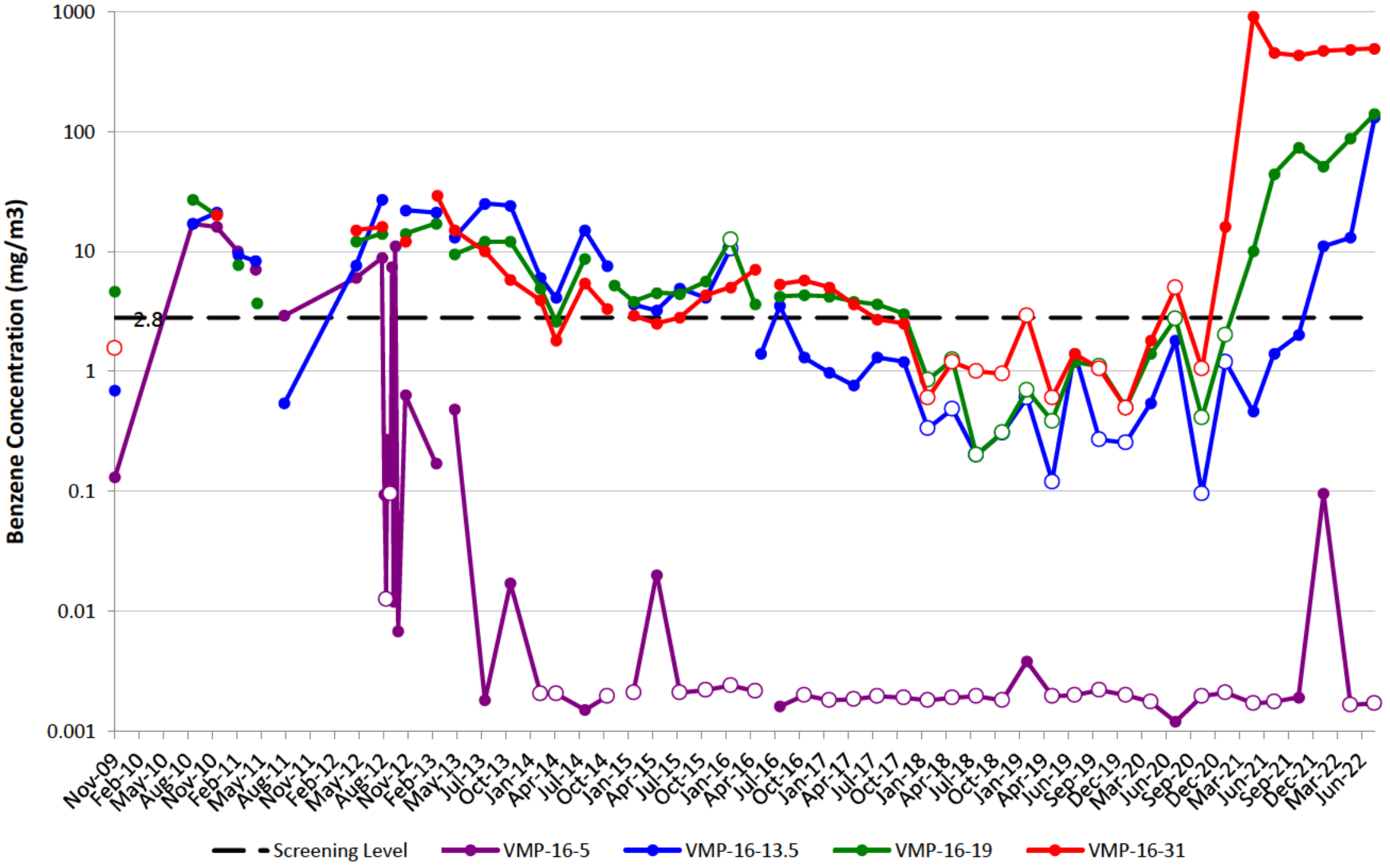
VMP-15

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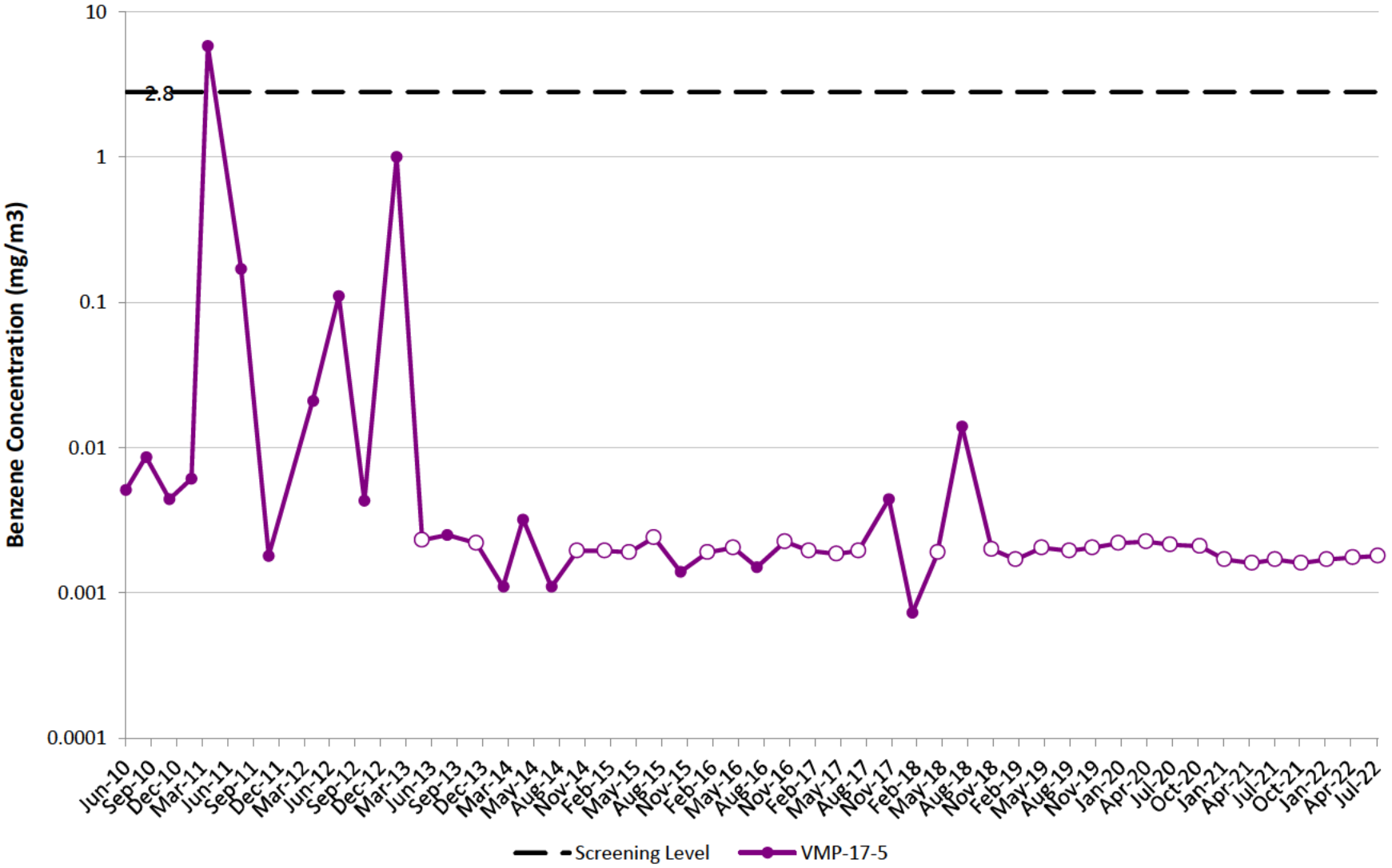
VMP-16

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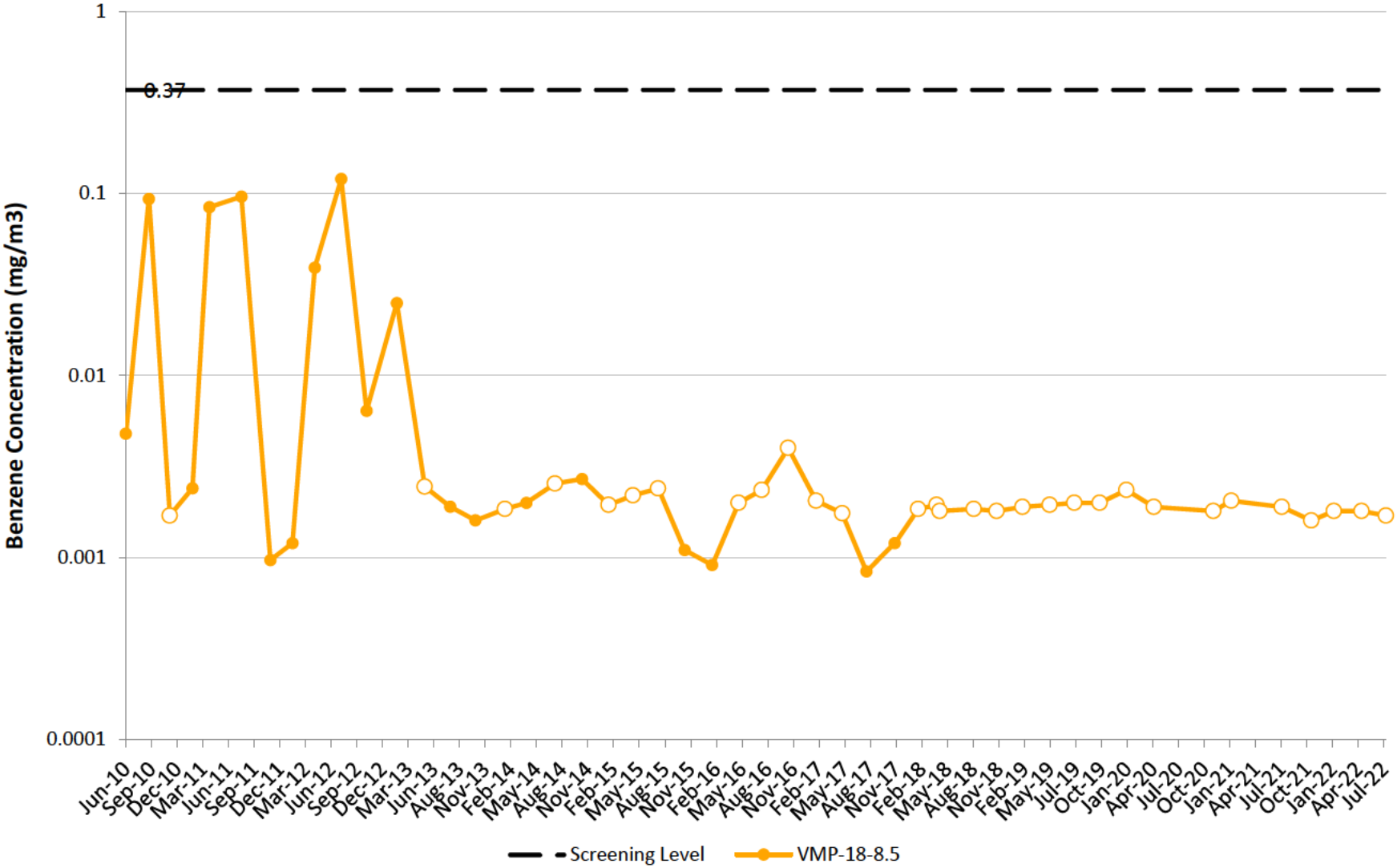
VMP-17

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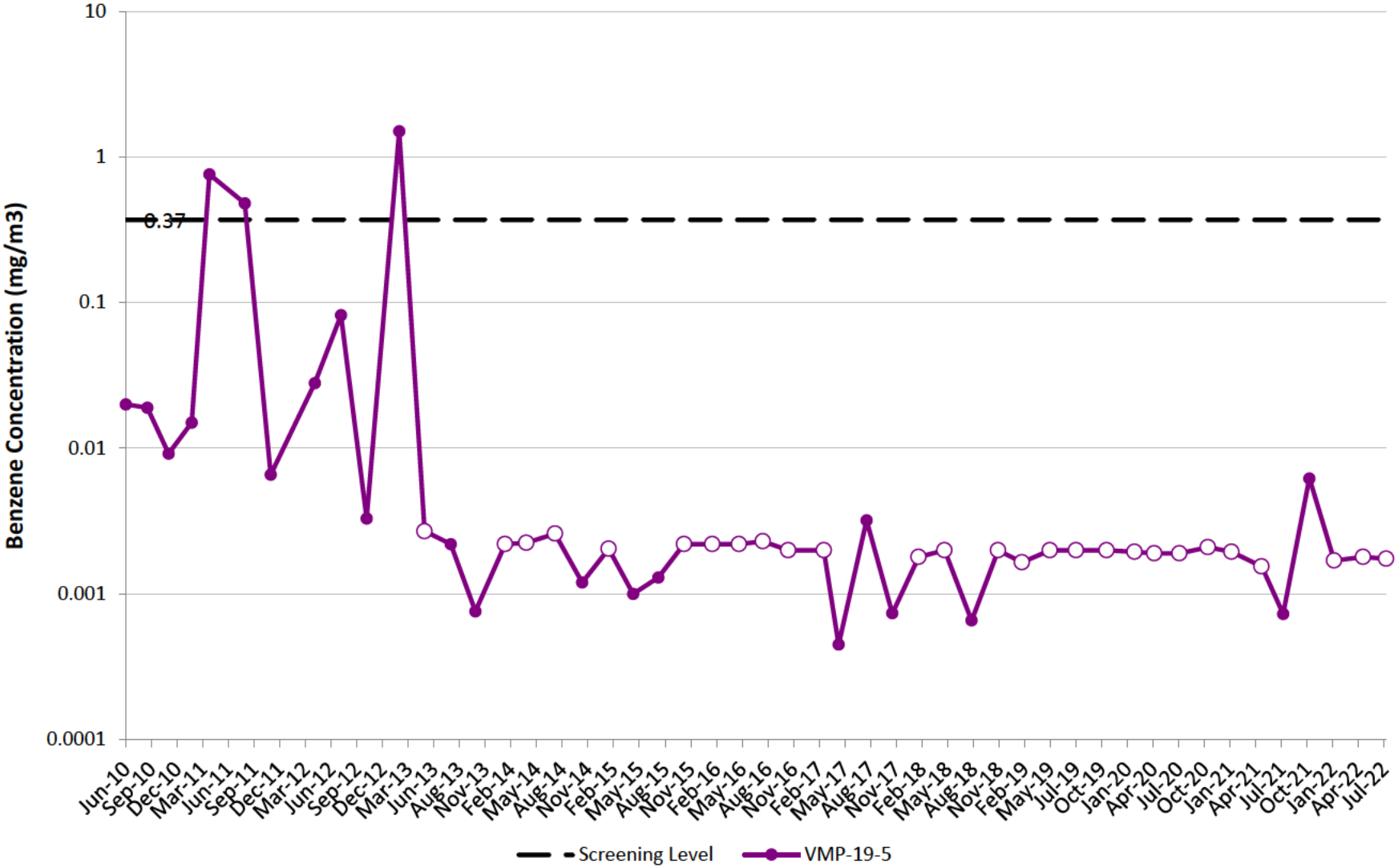
VMP-18

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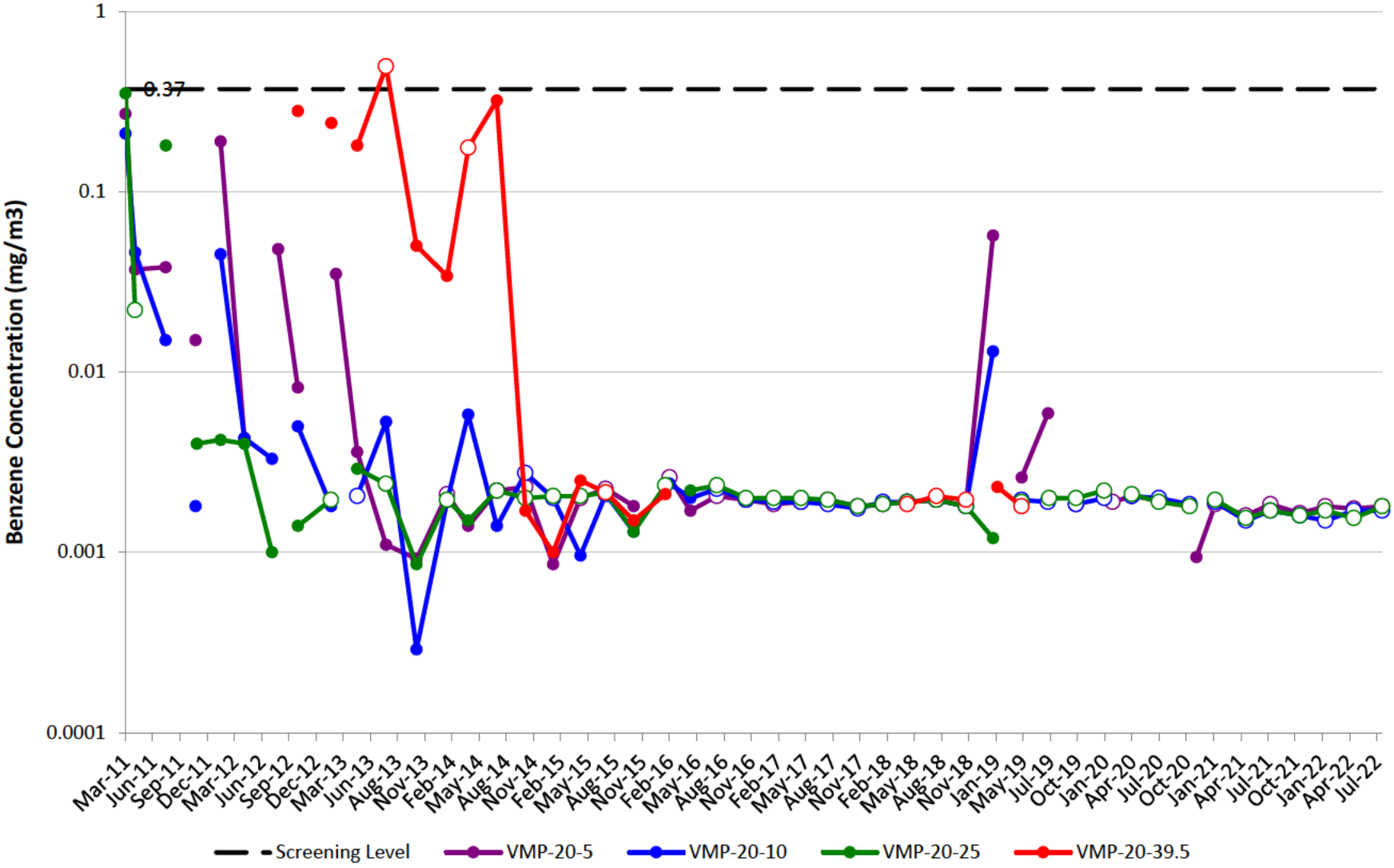
VMP-19

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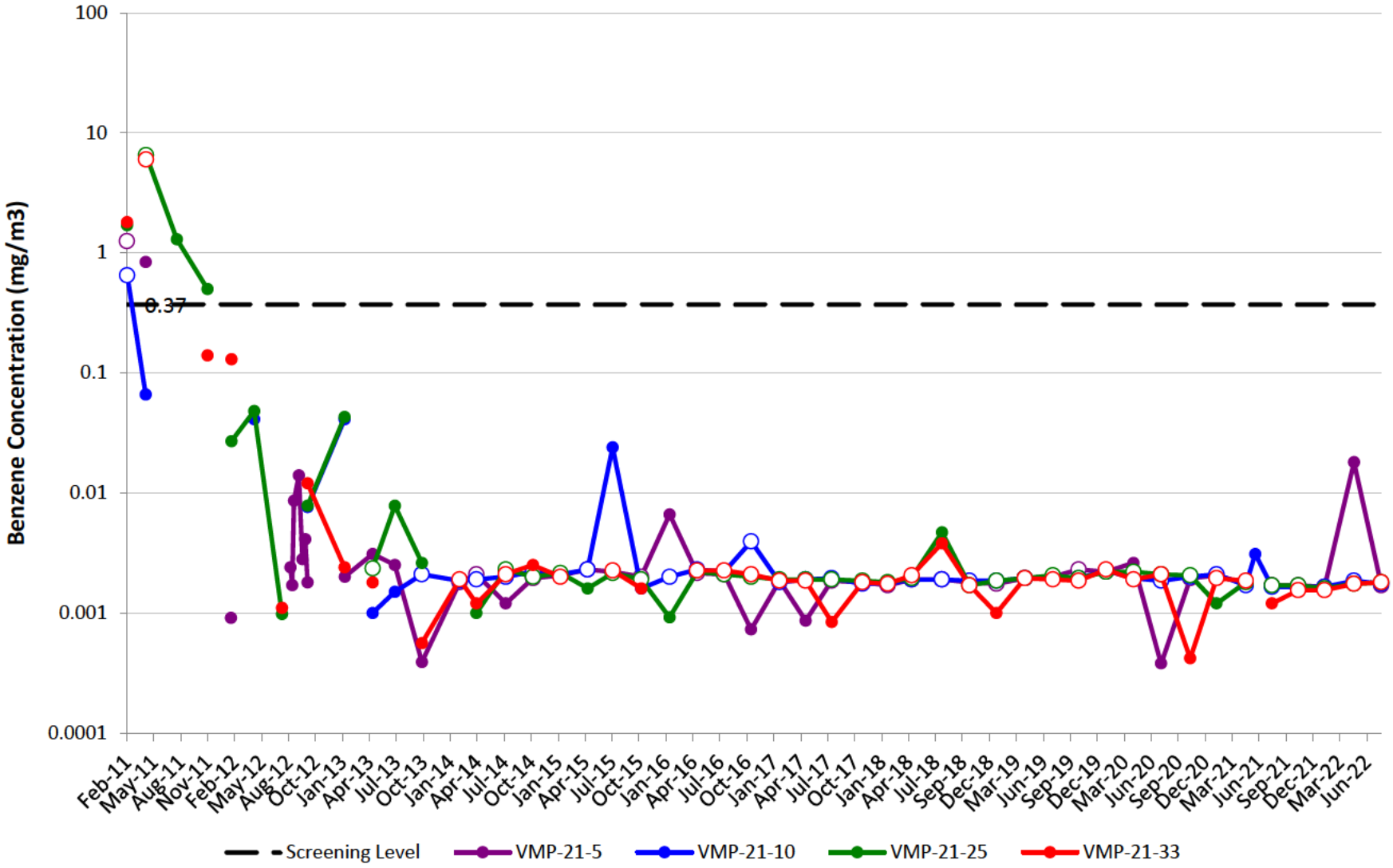
VMP-20

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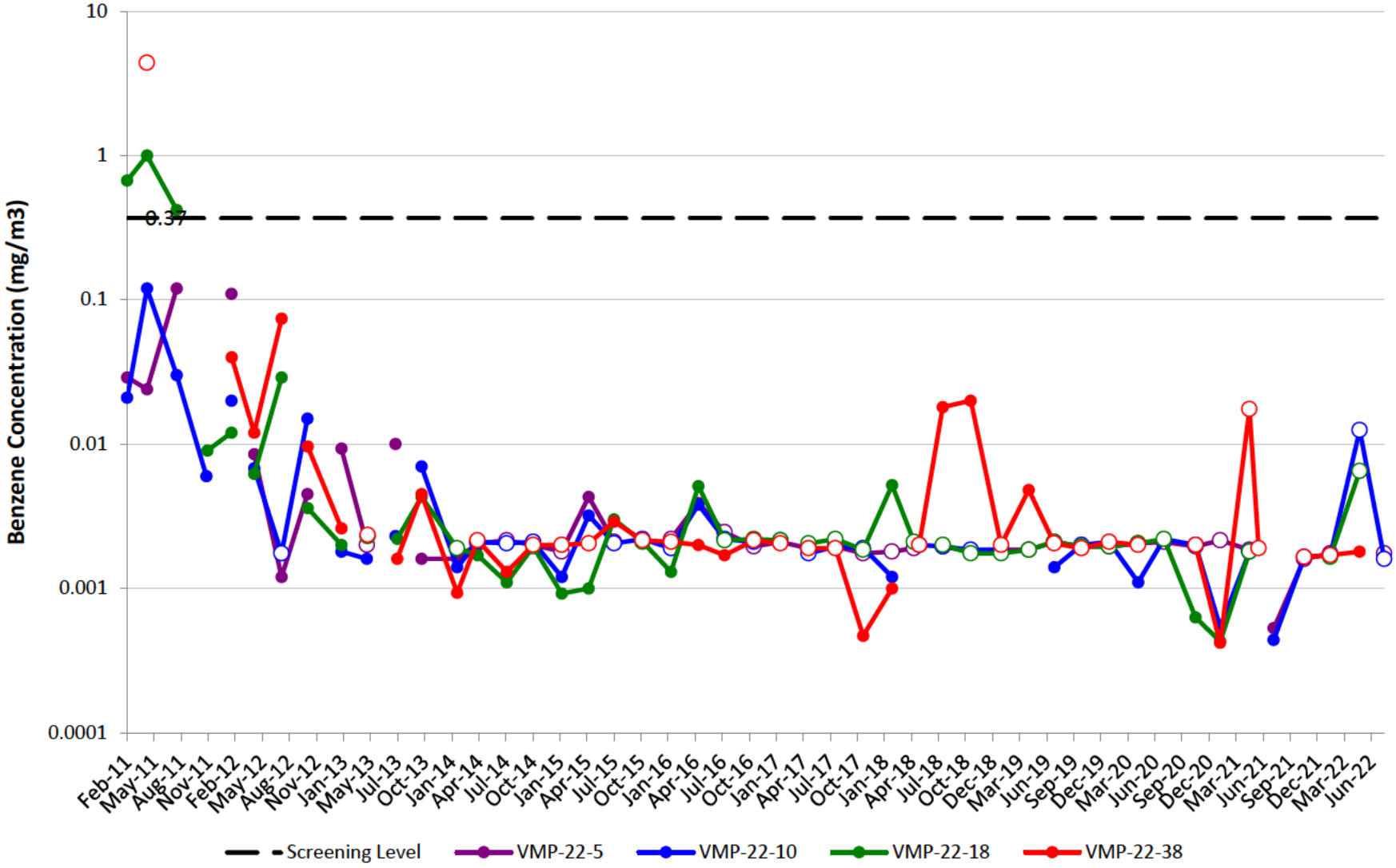
VMP-21

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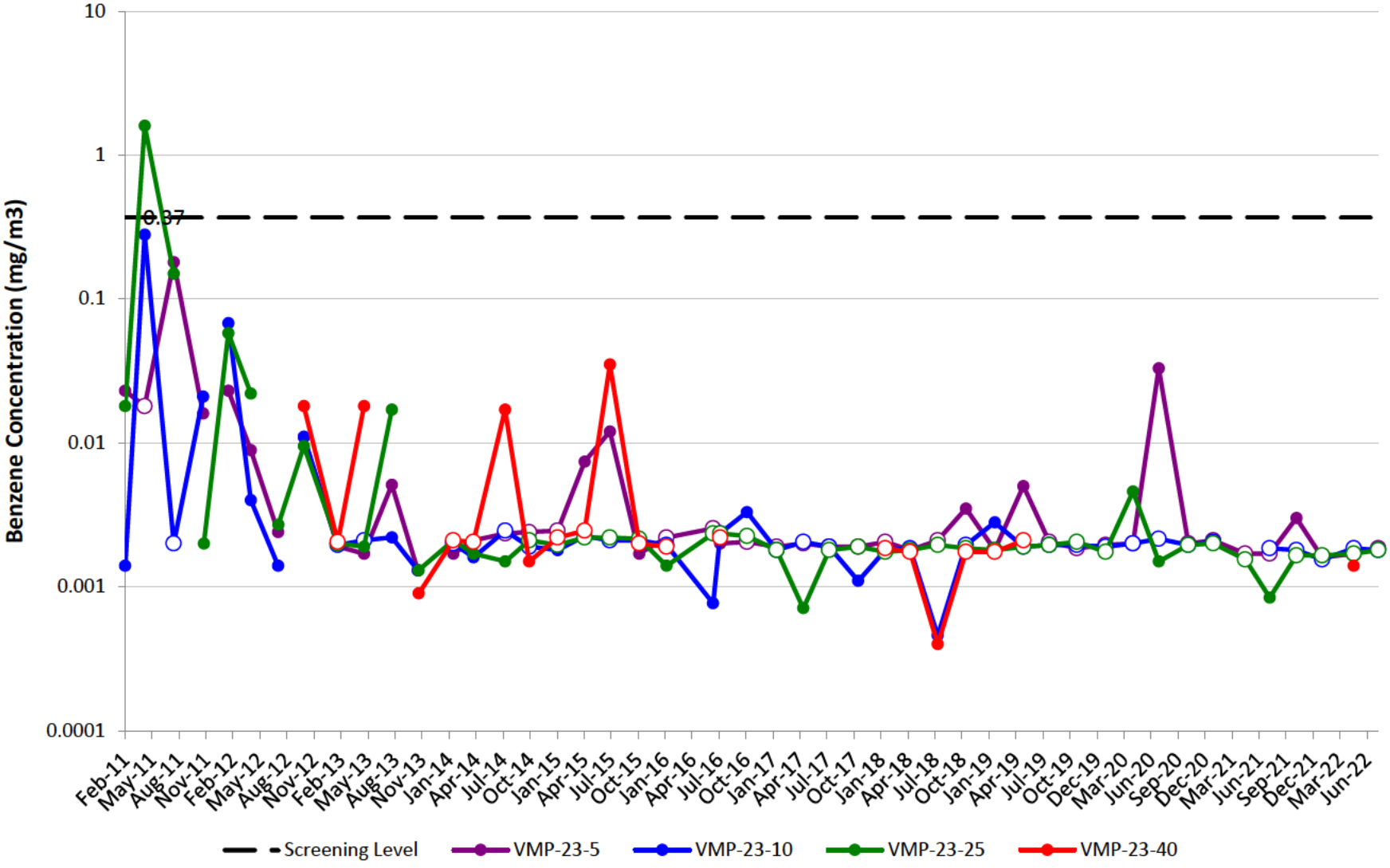
VMP-22

Note: Open circles are non-detect results shown at ½ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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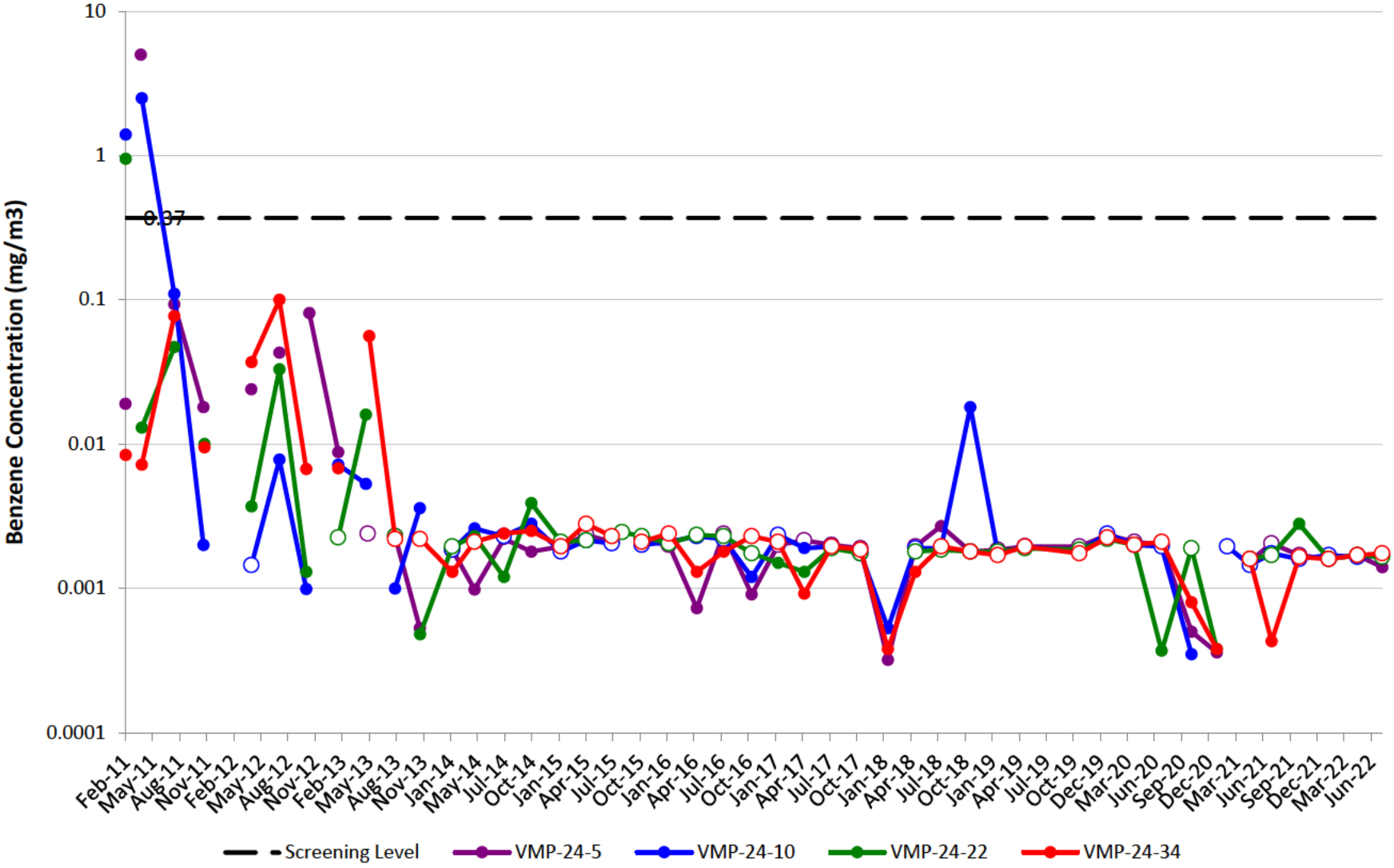
VMP-23

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.



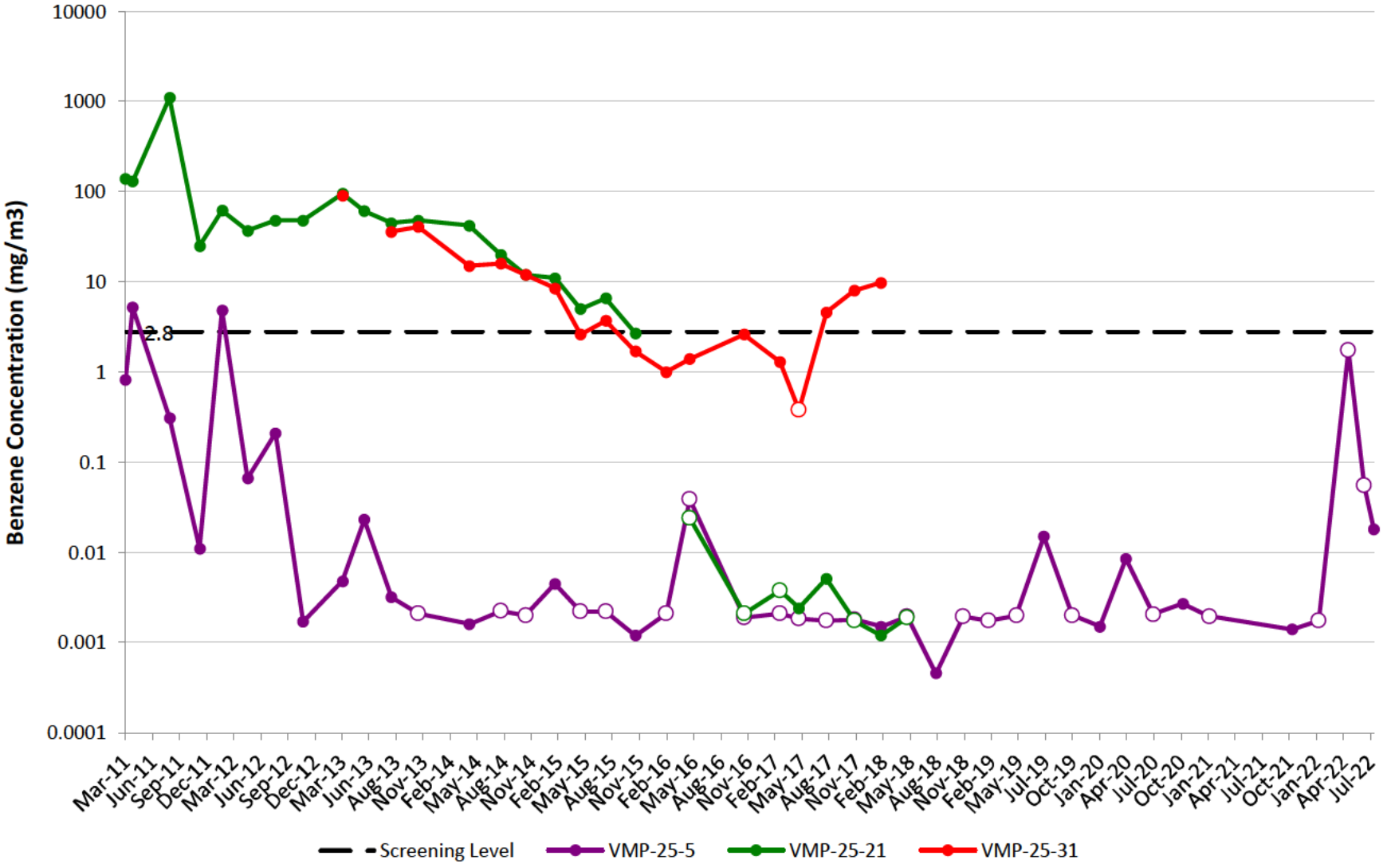
VMP-24

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.



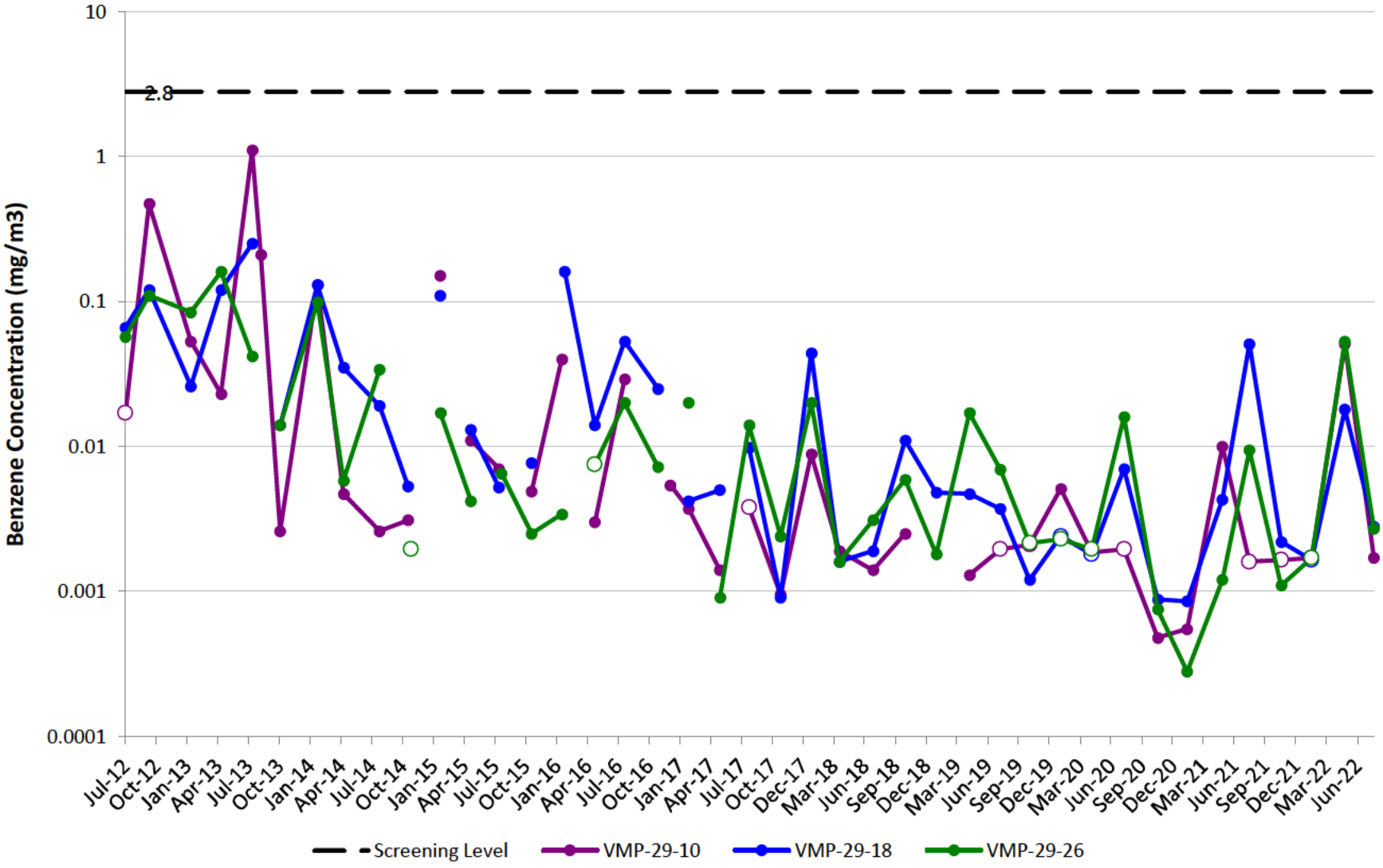
VMP-25

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.



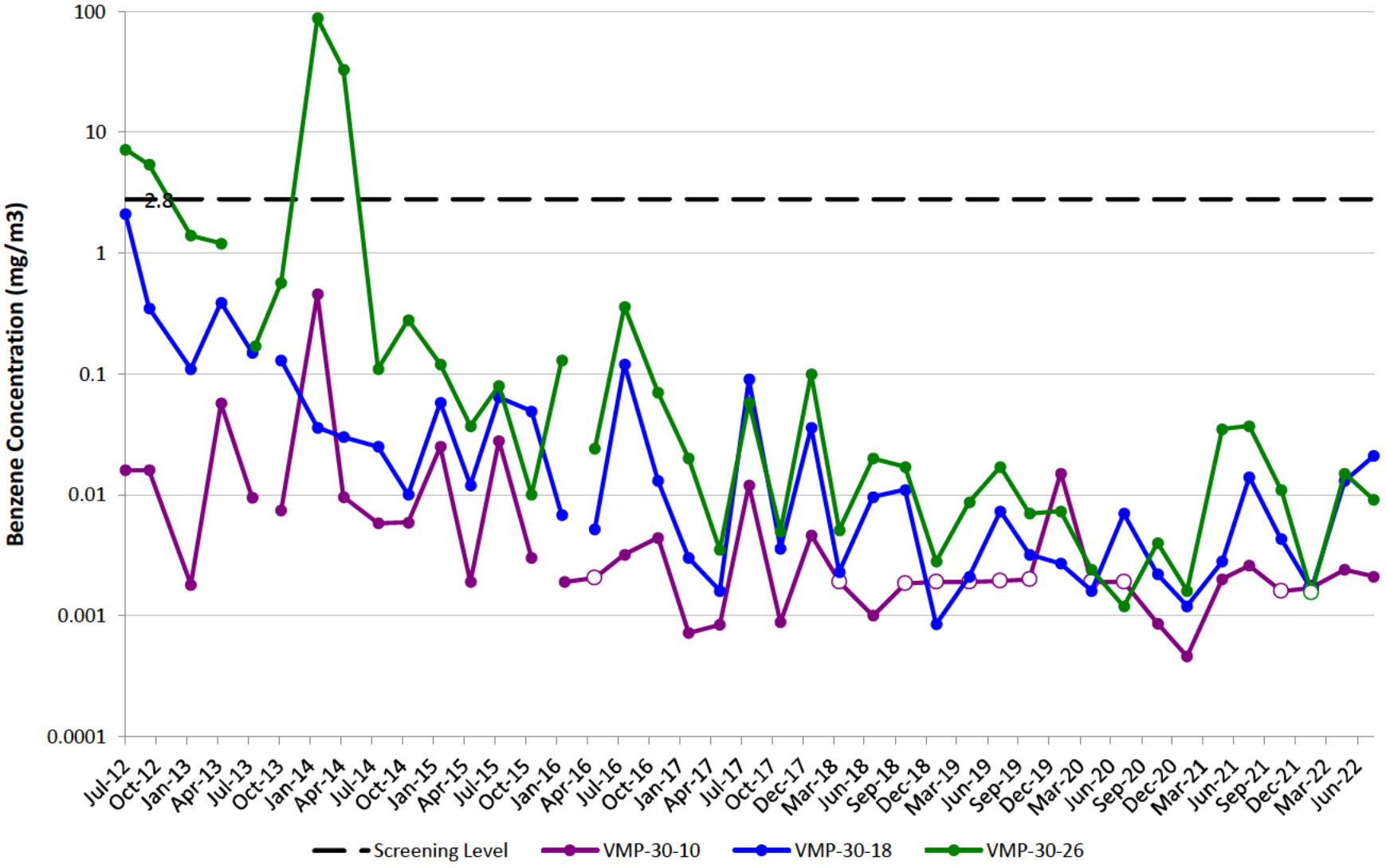
VMP-29

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.



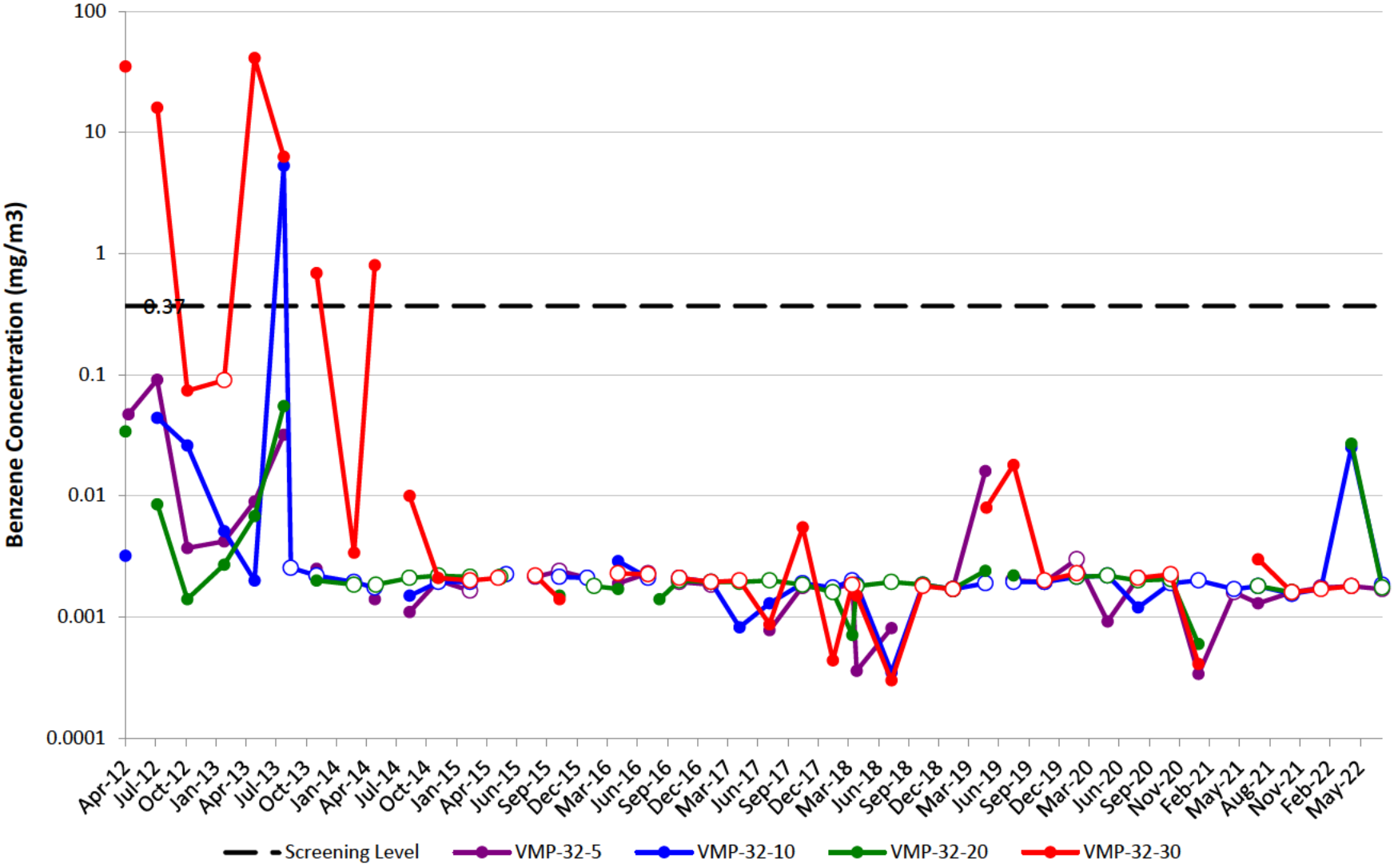
VMP-30

Note: Open circles are non-detect results shown at 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.



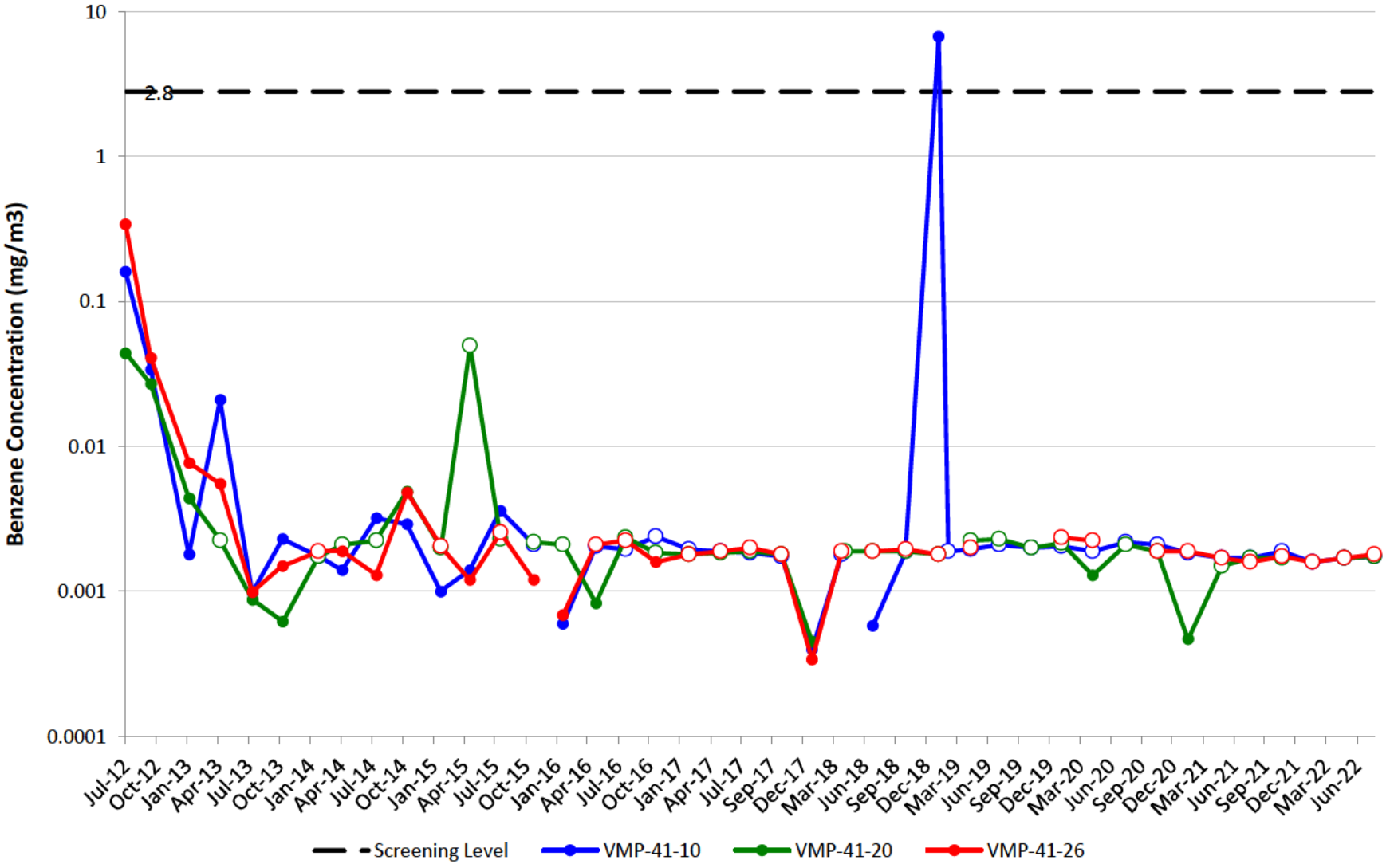
VMP-32

Note: Open circles are non-detect results shown at 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.



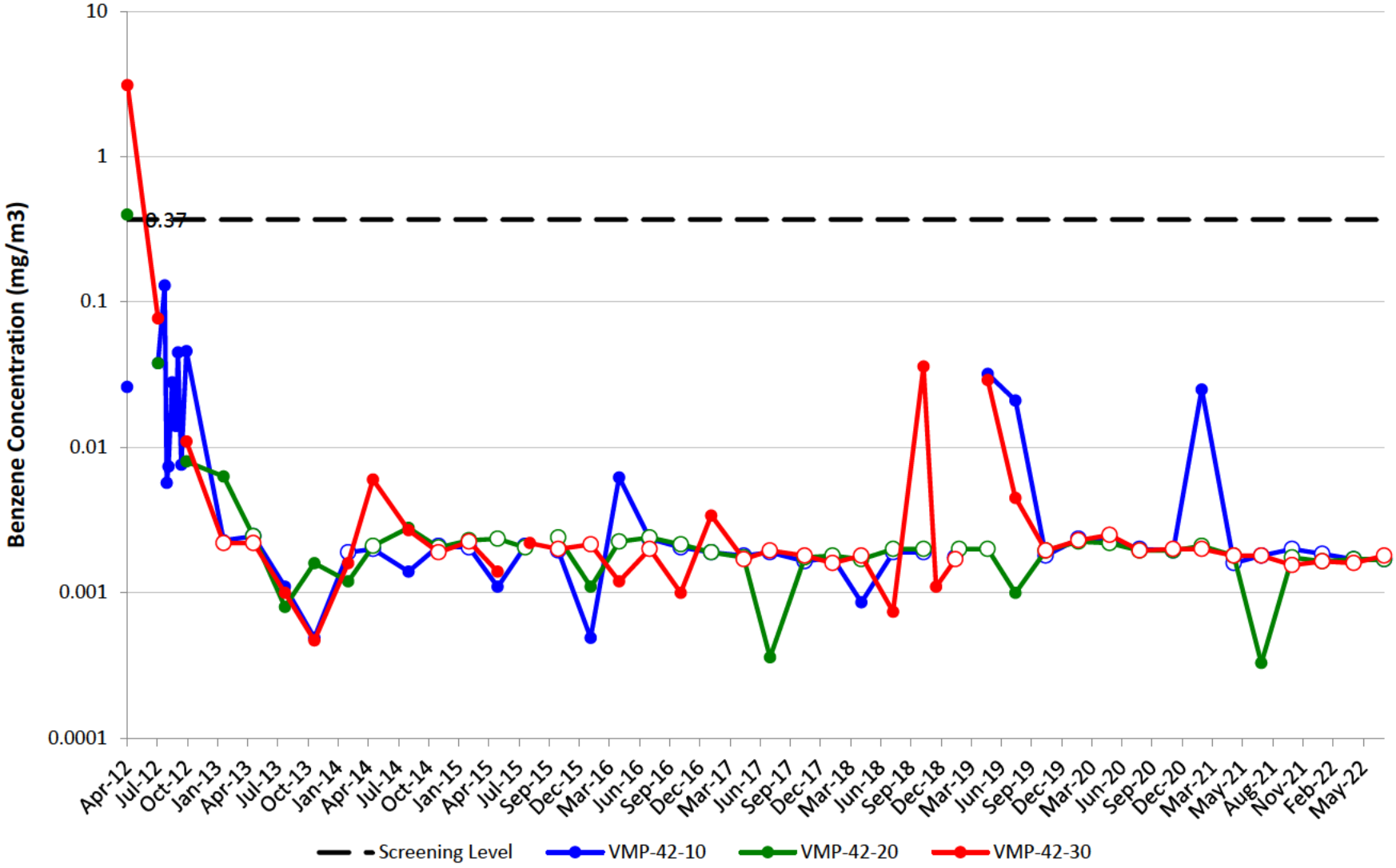
VMP-41

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.



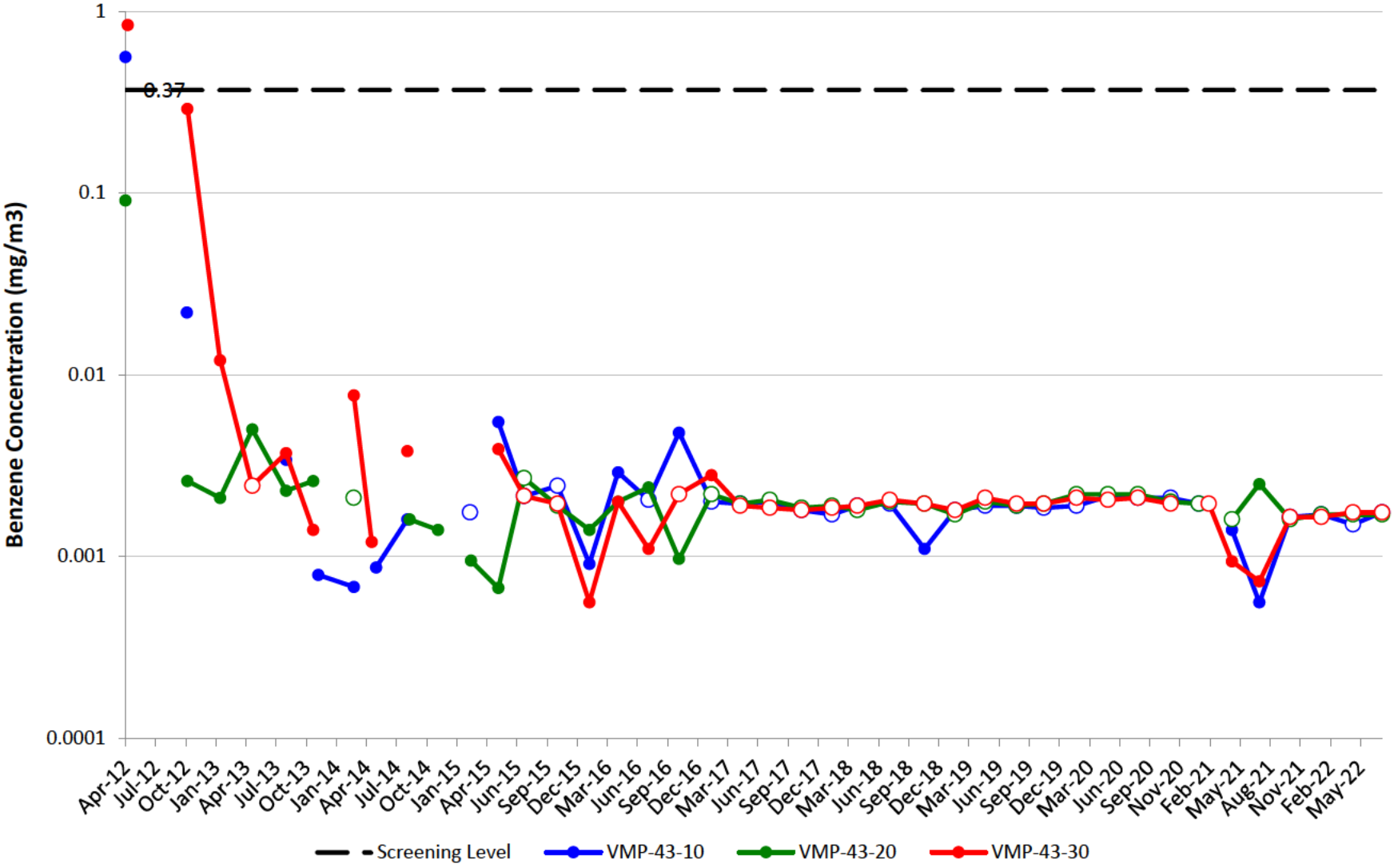
VMP-42

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.



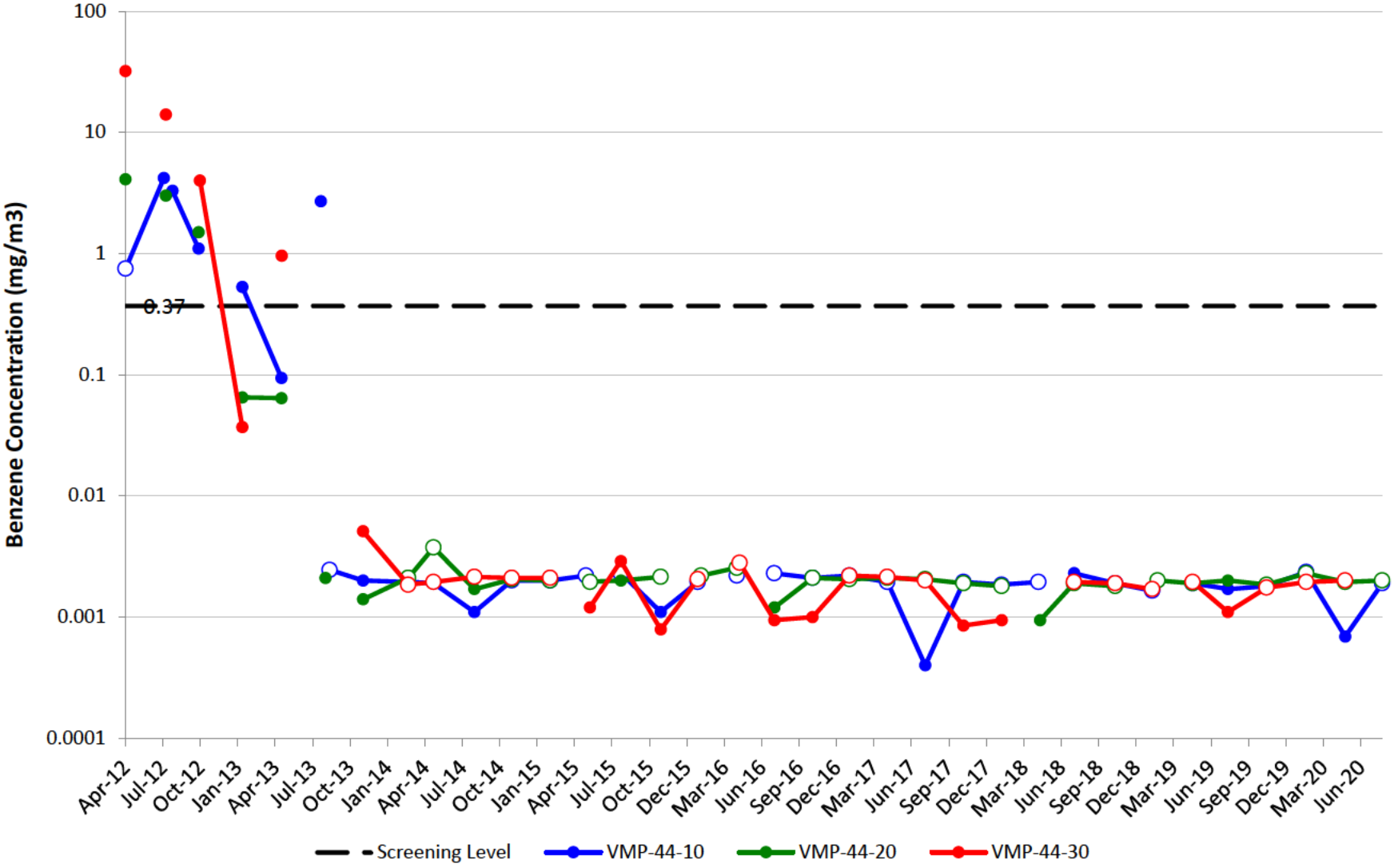
VMP-43

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.



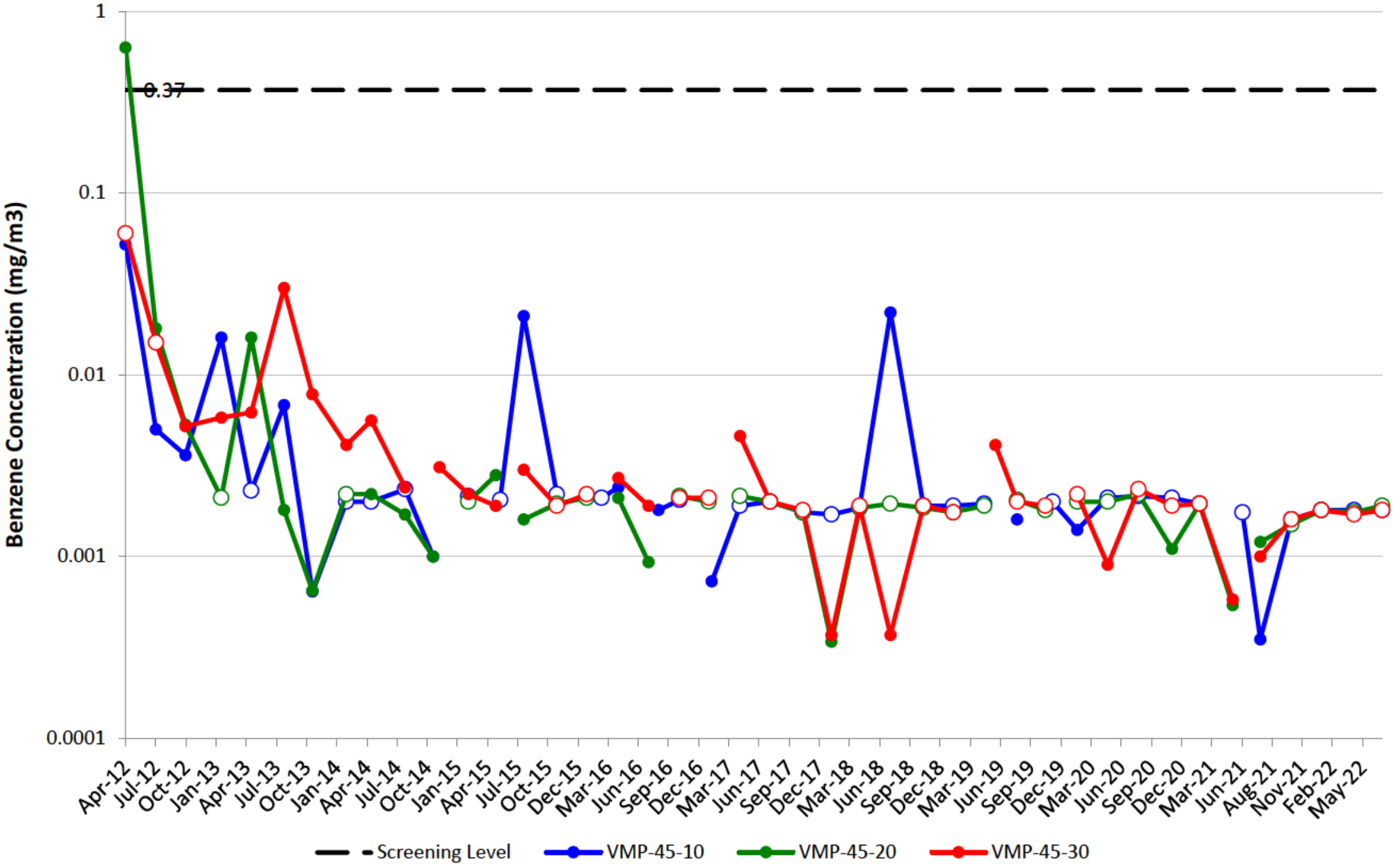
VMP-44

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.



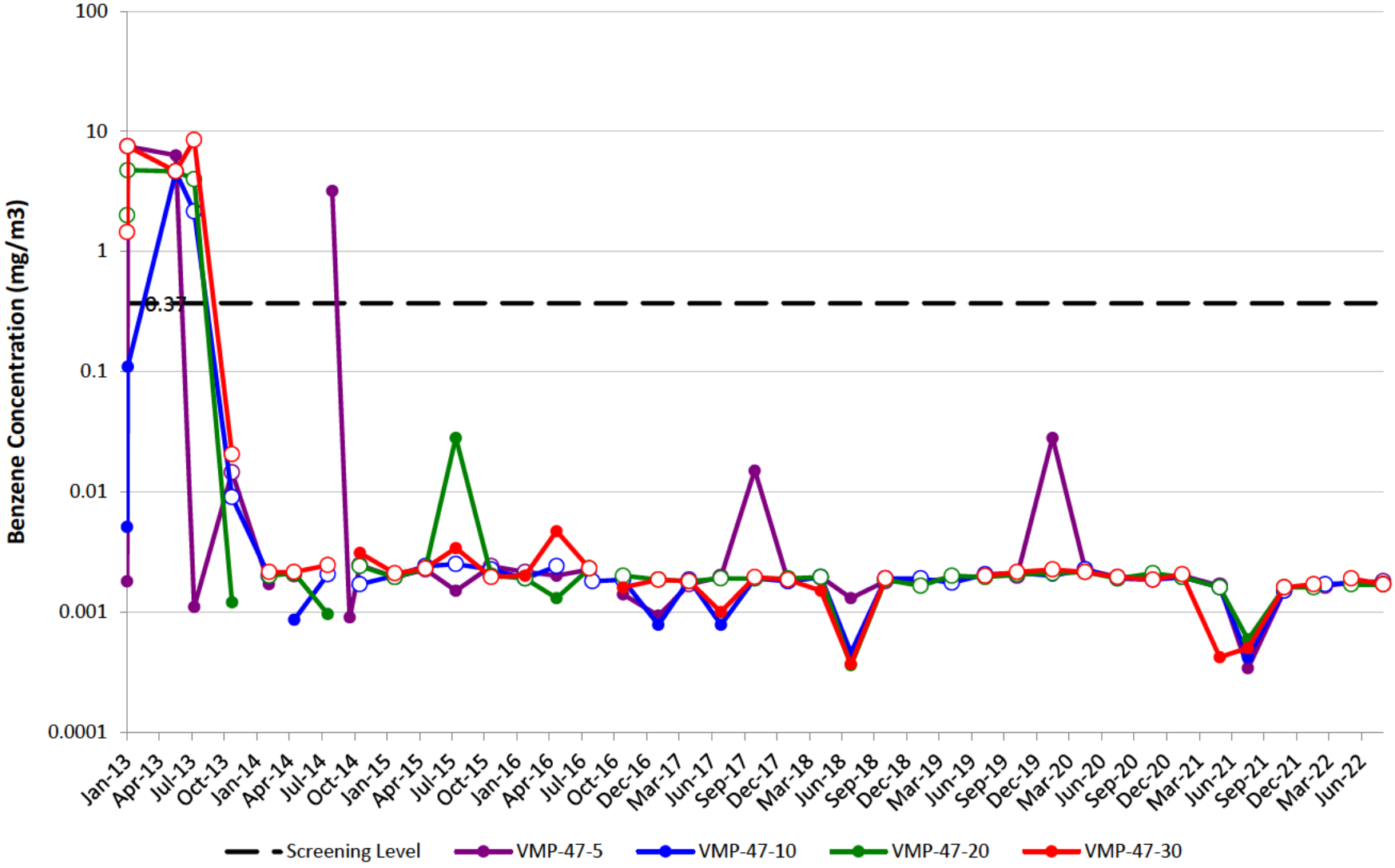
VMP-45

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.



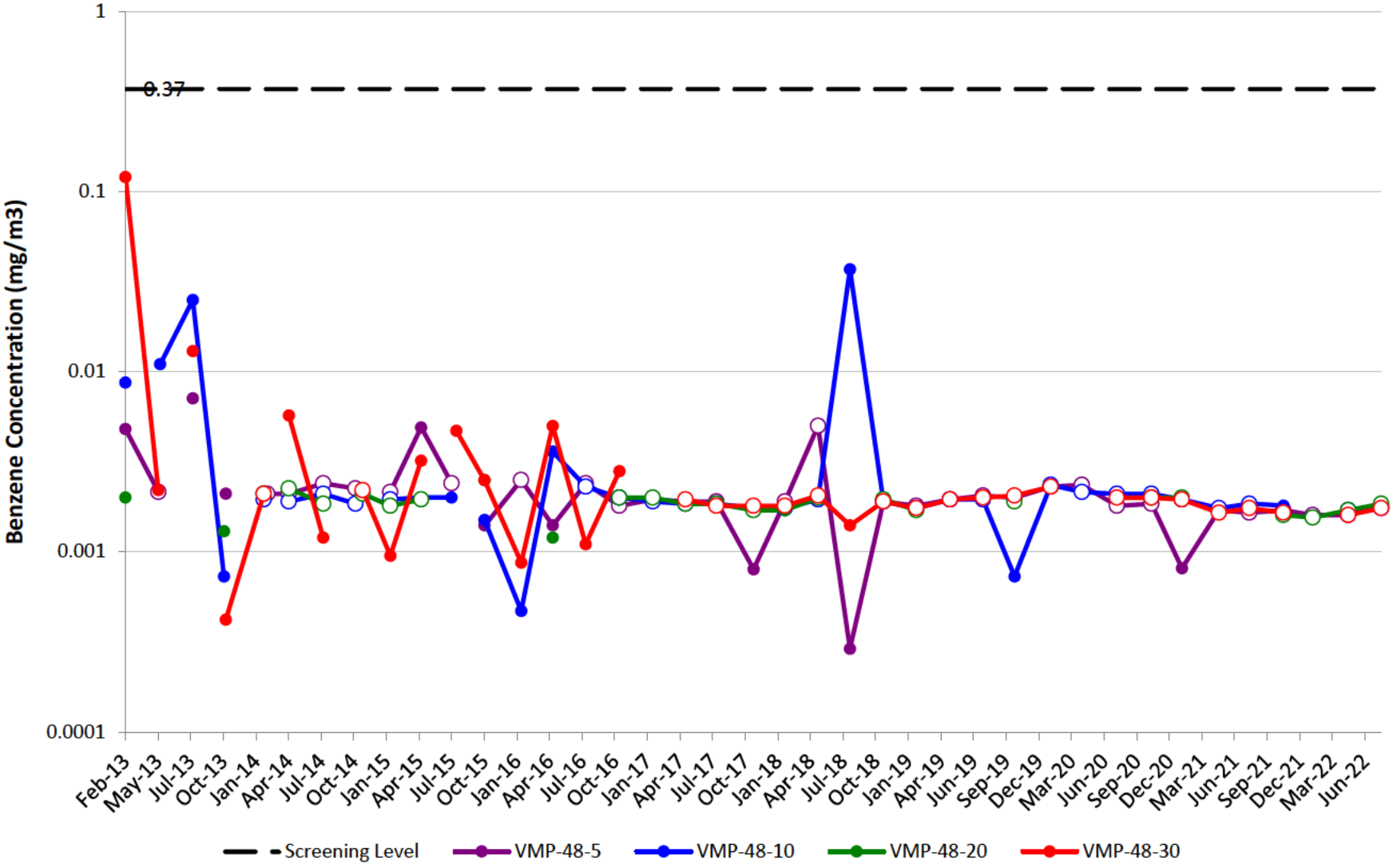
VMP-47

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.



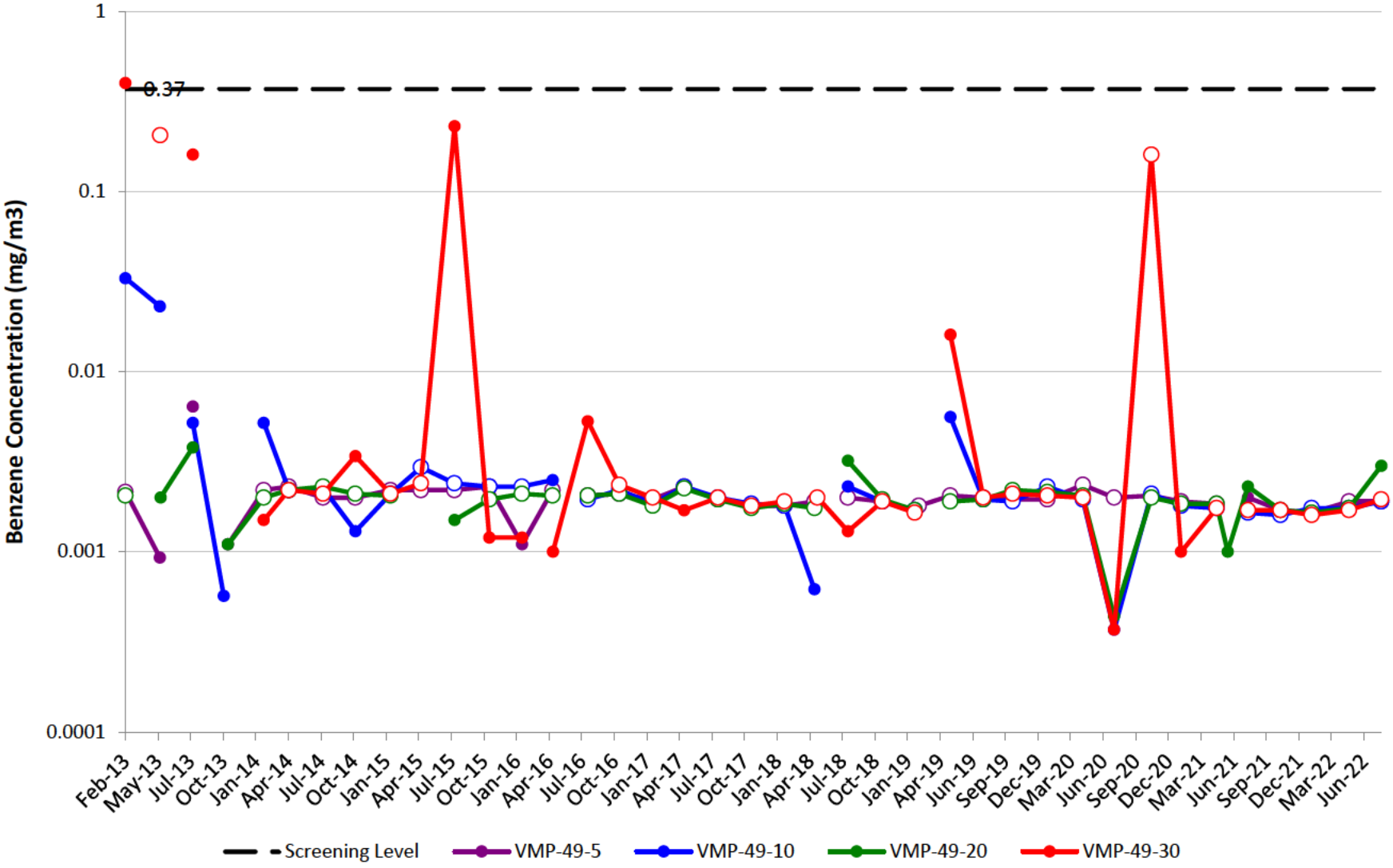
VMP-48

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.



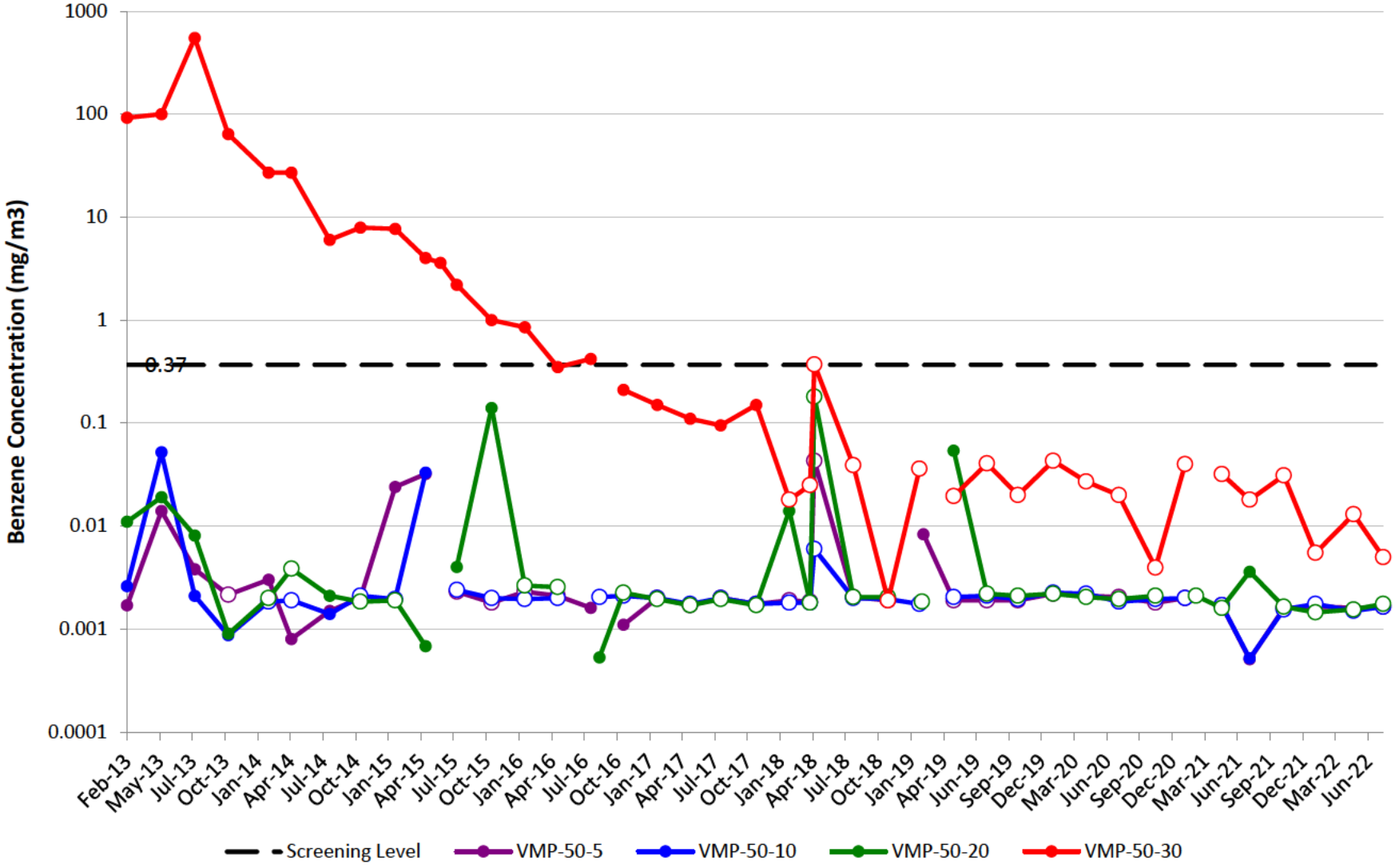
VMP-49

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.



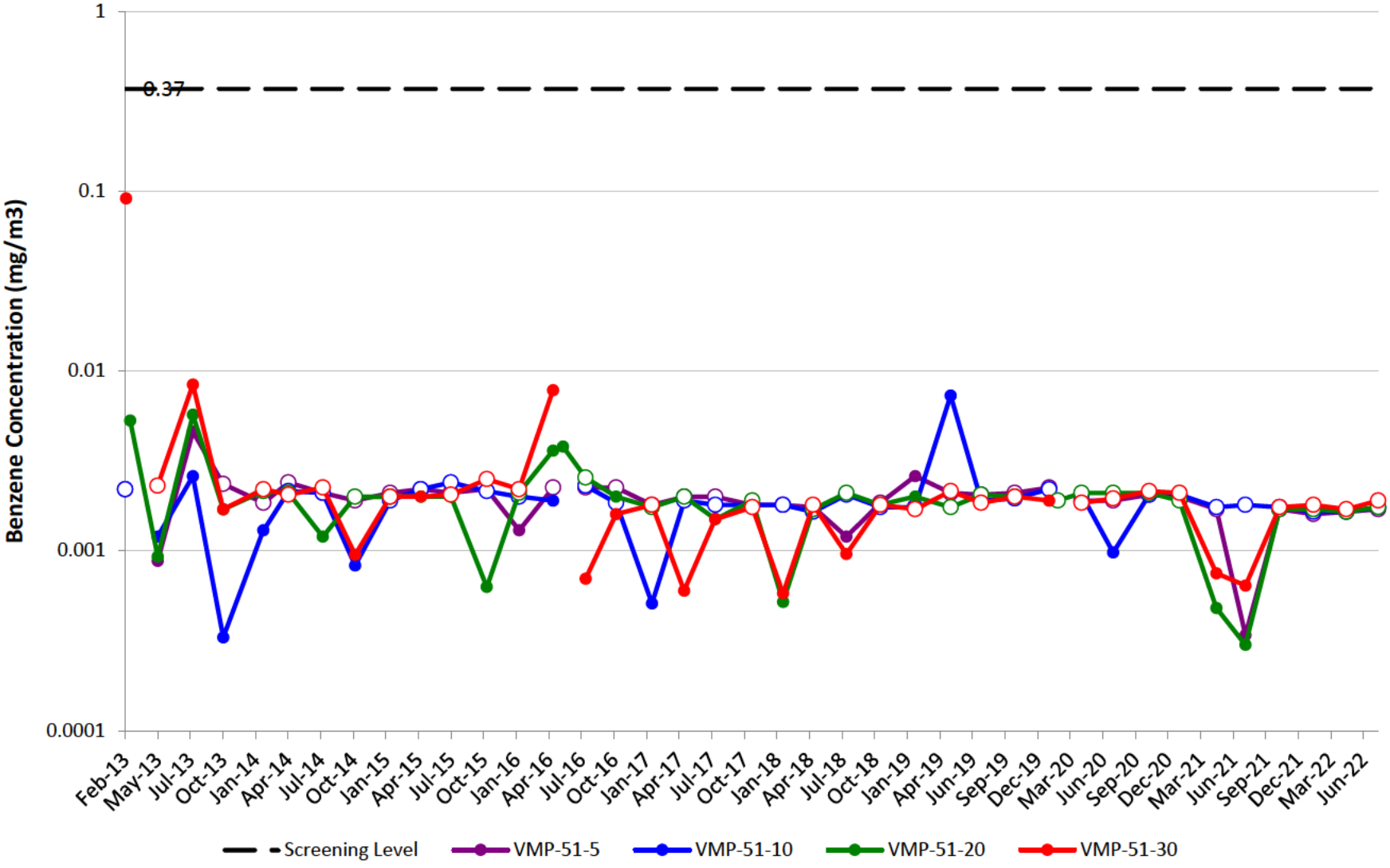
VMP-50

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.



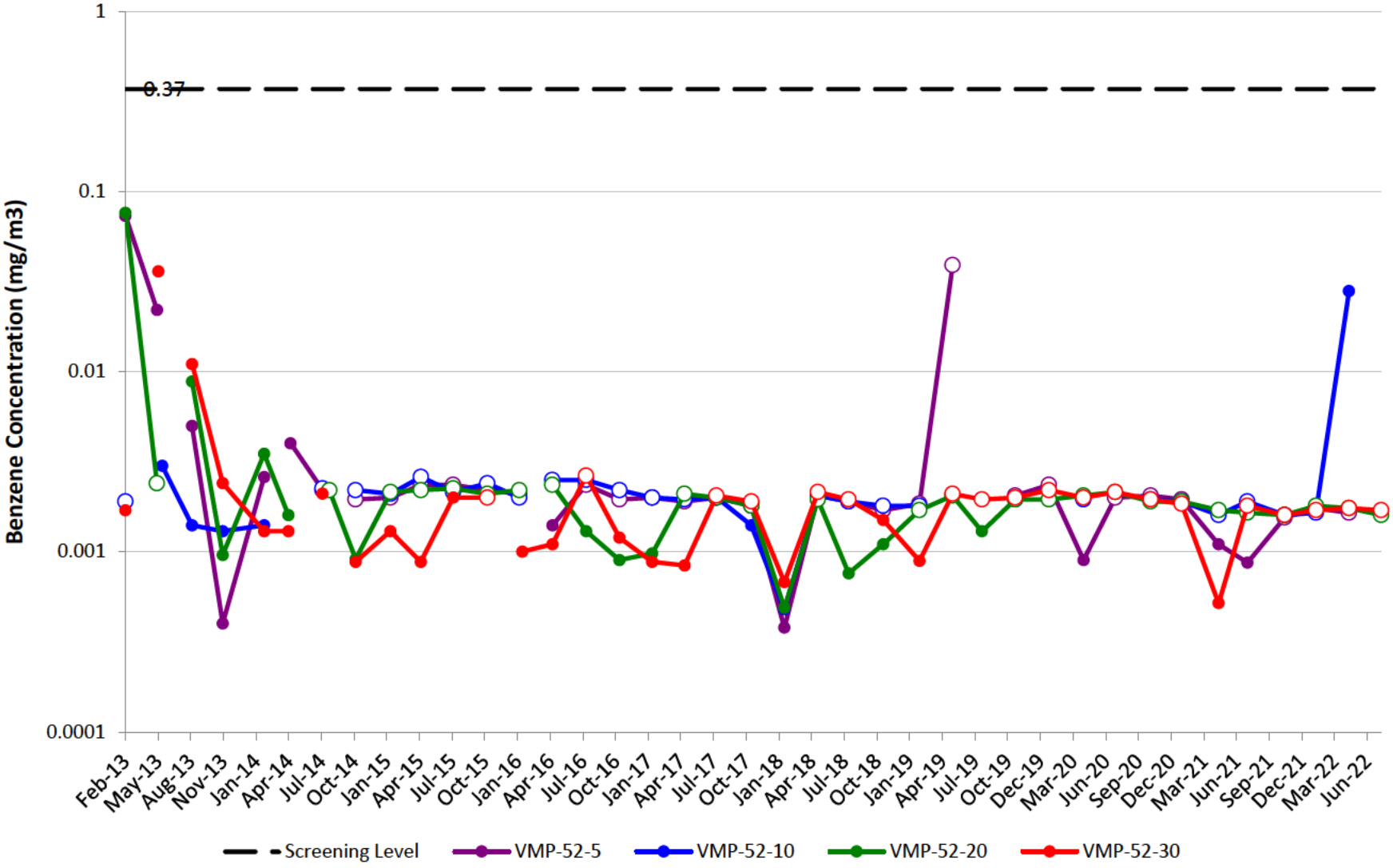
VMP-51

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.



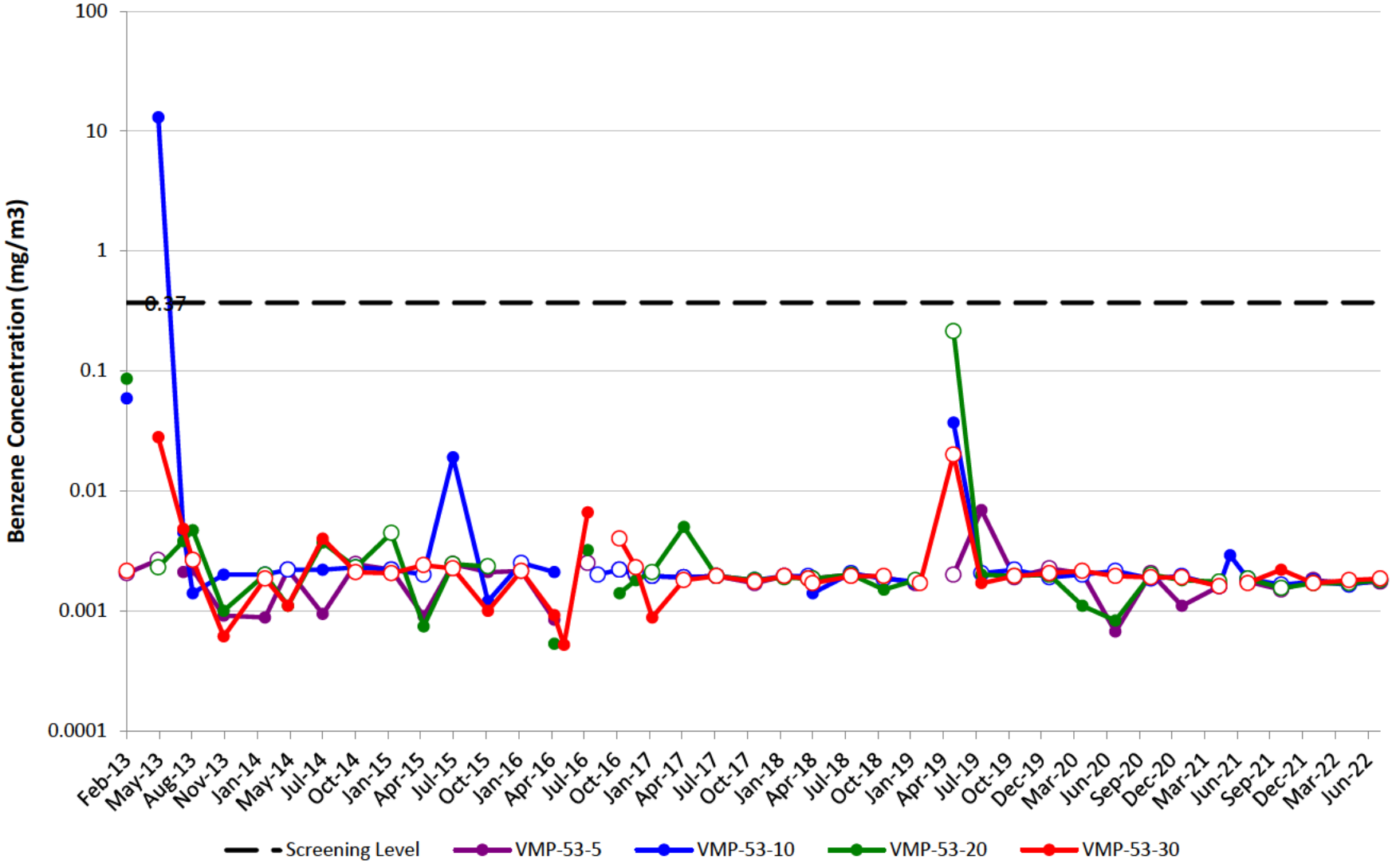
VMP-52

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.



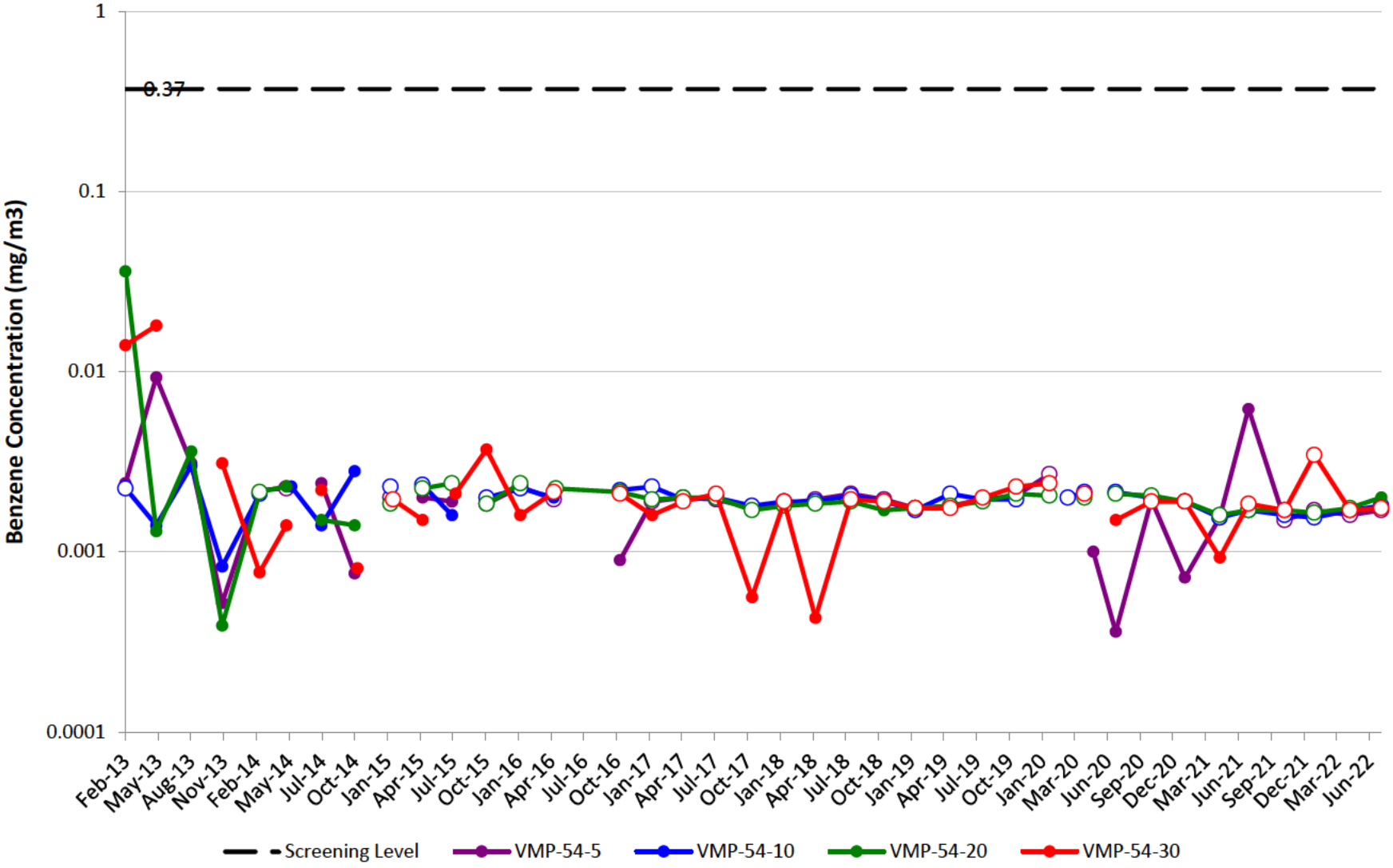
VMP-53

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.



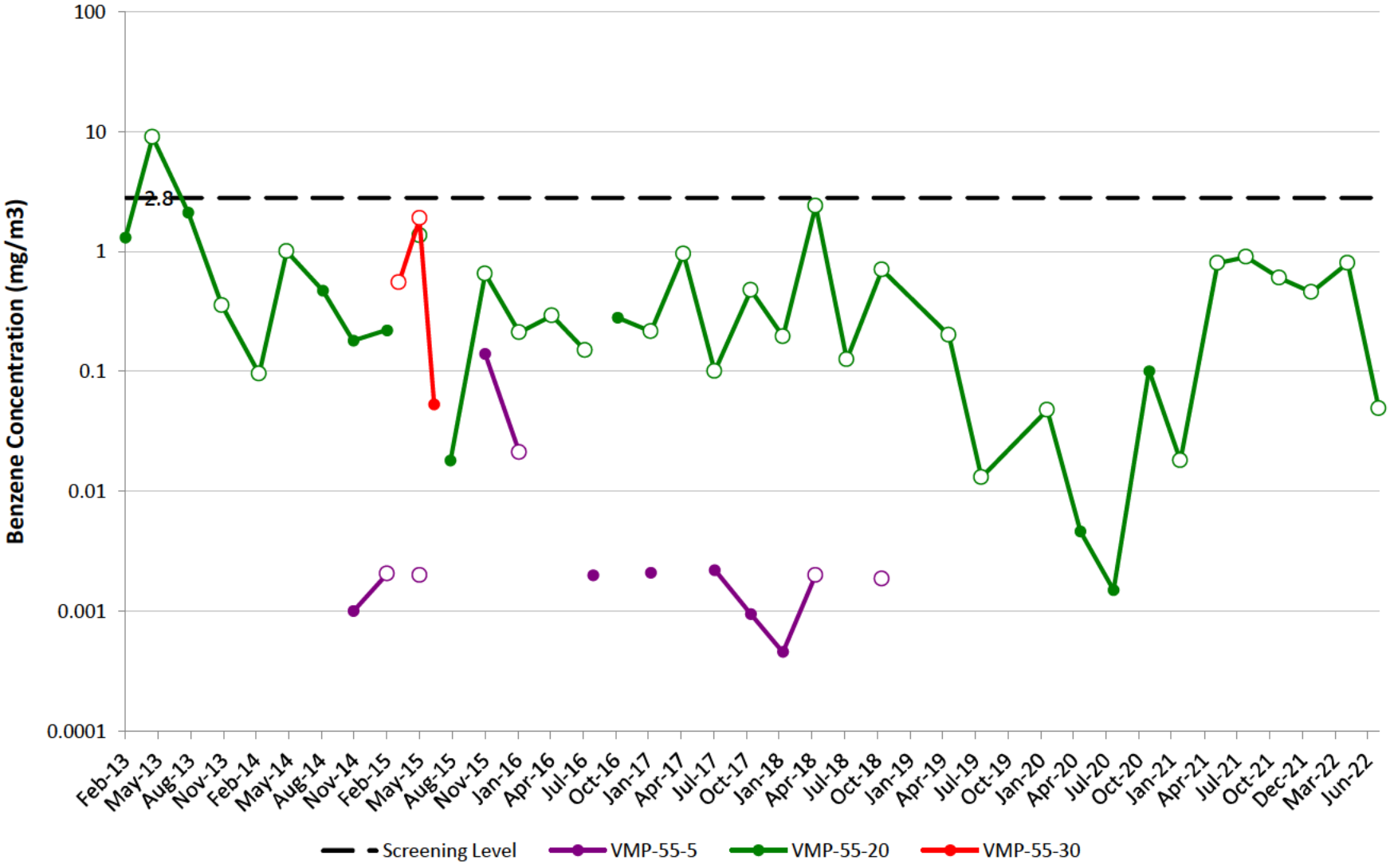
VMP-54

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.



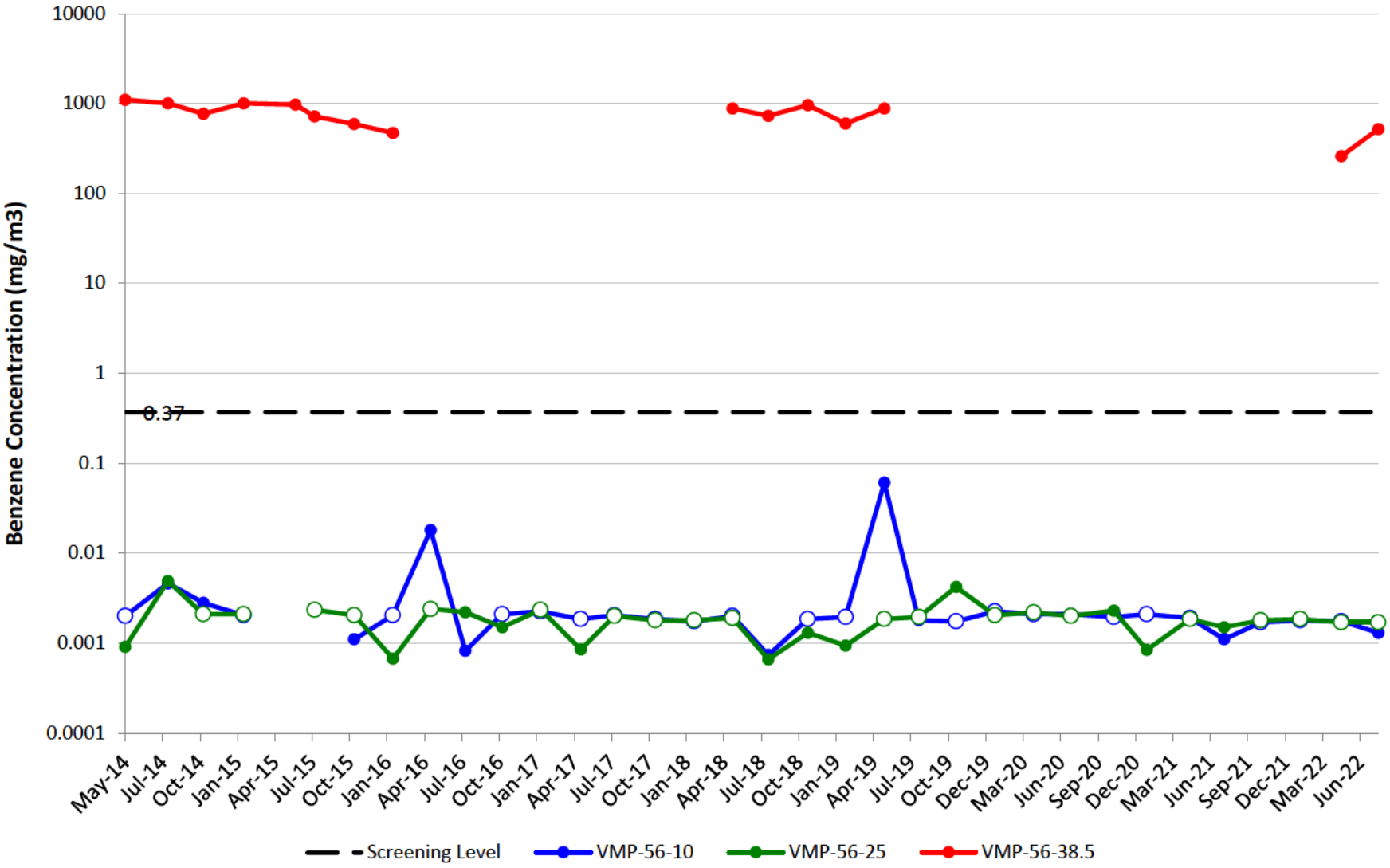
VMP-55

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.



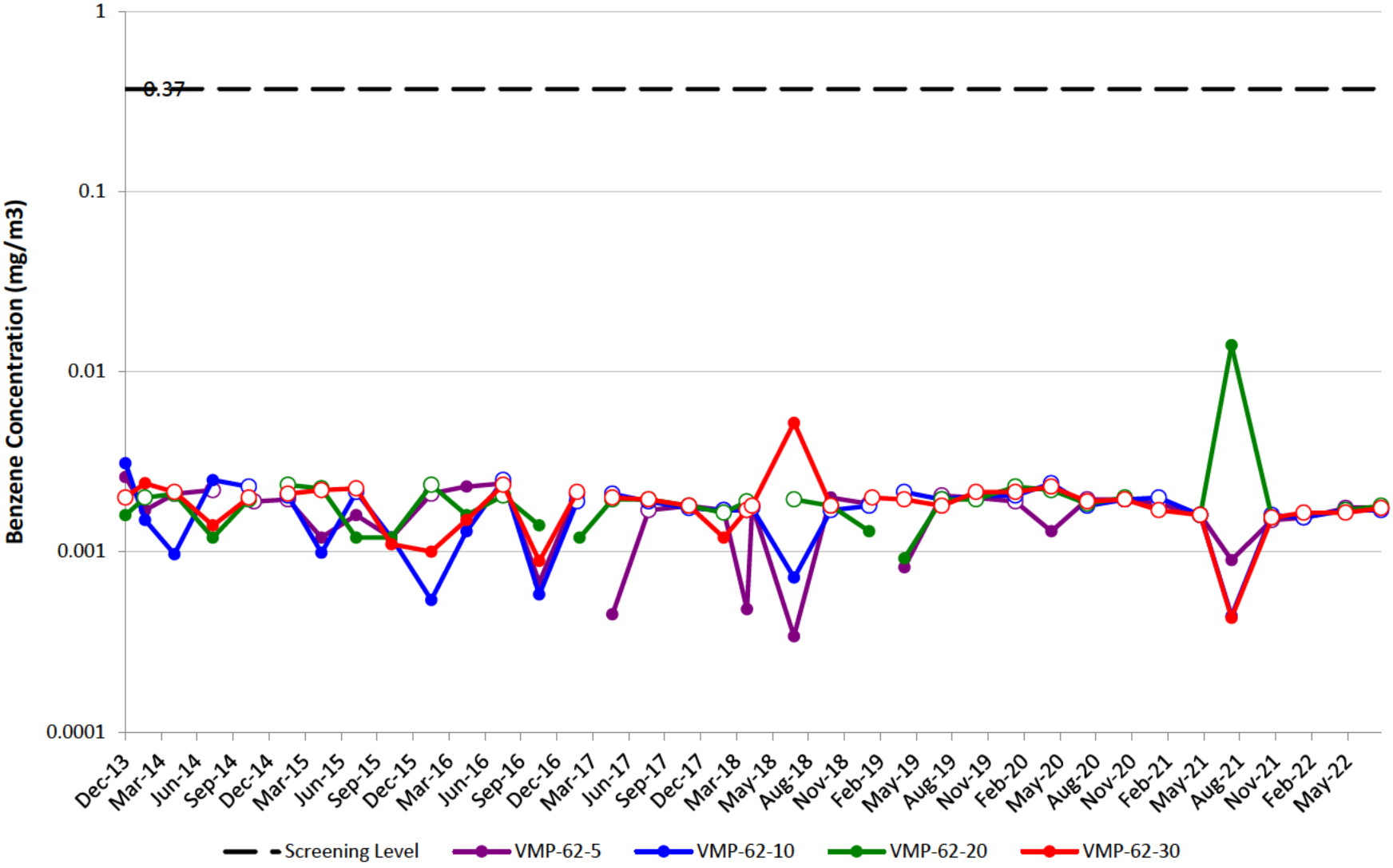
VMP-56

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.



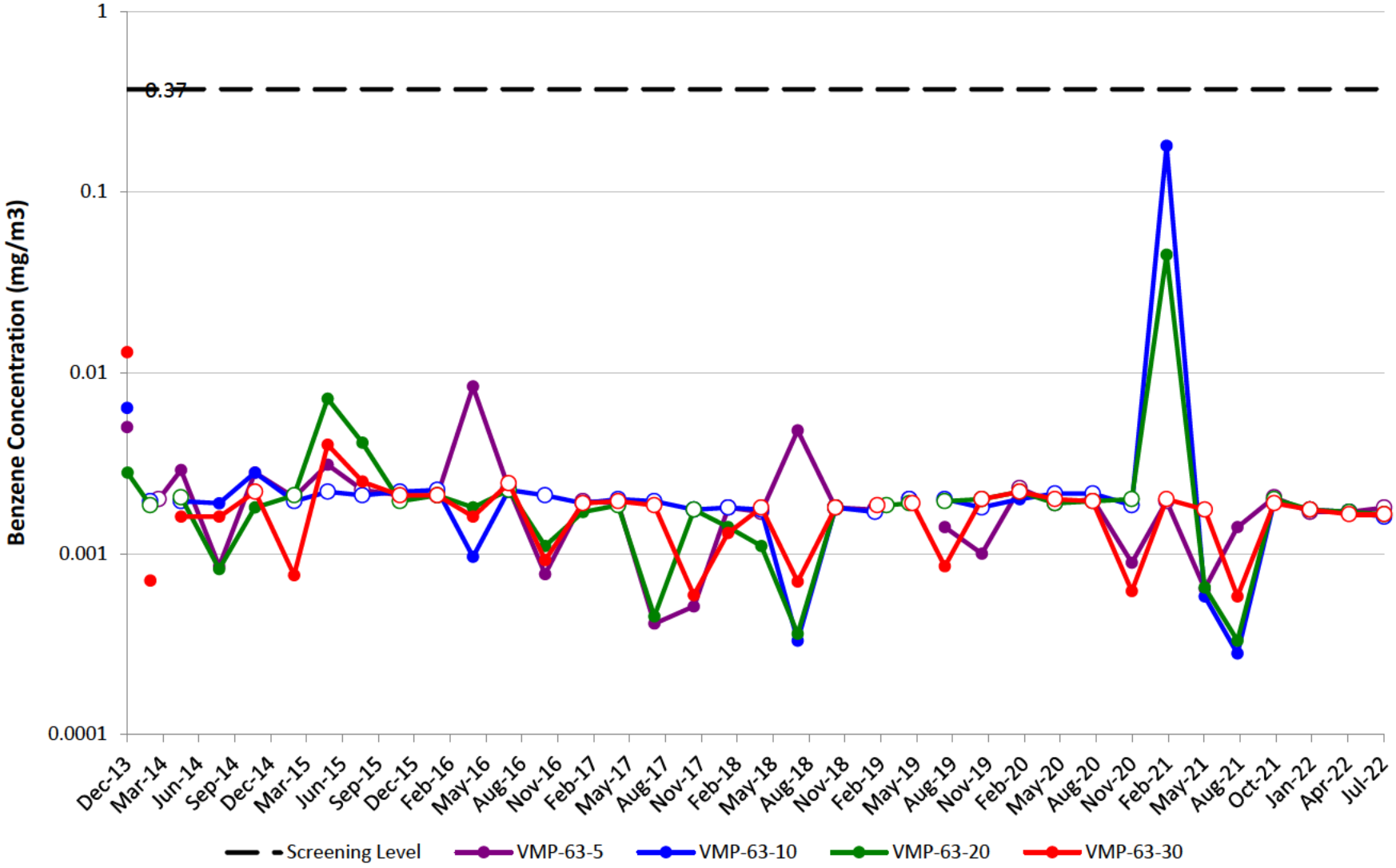
VMP-62

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.



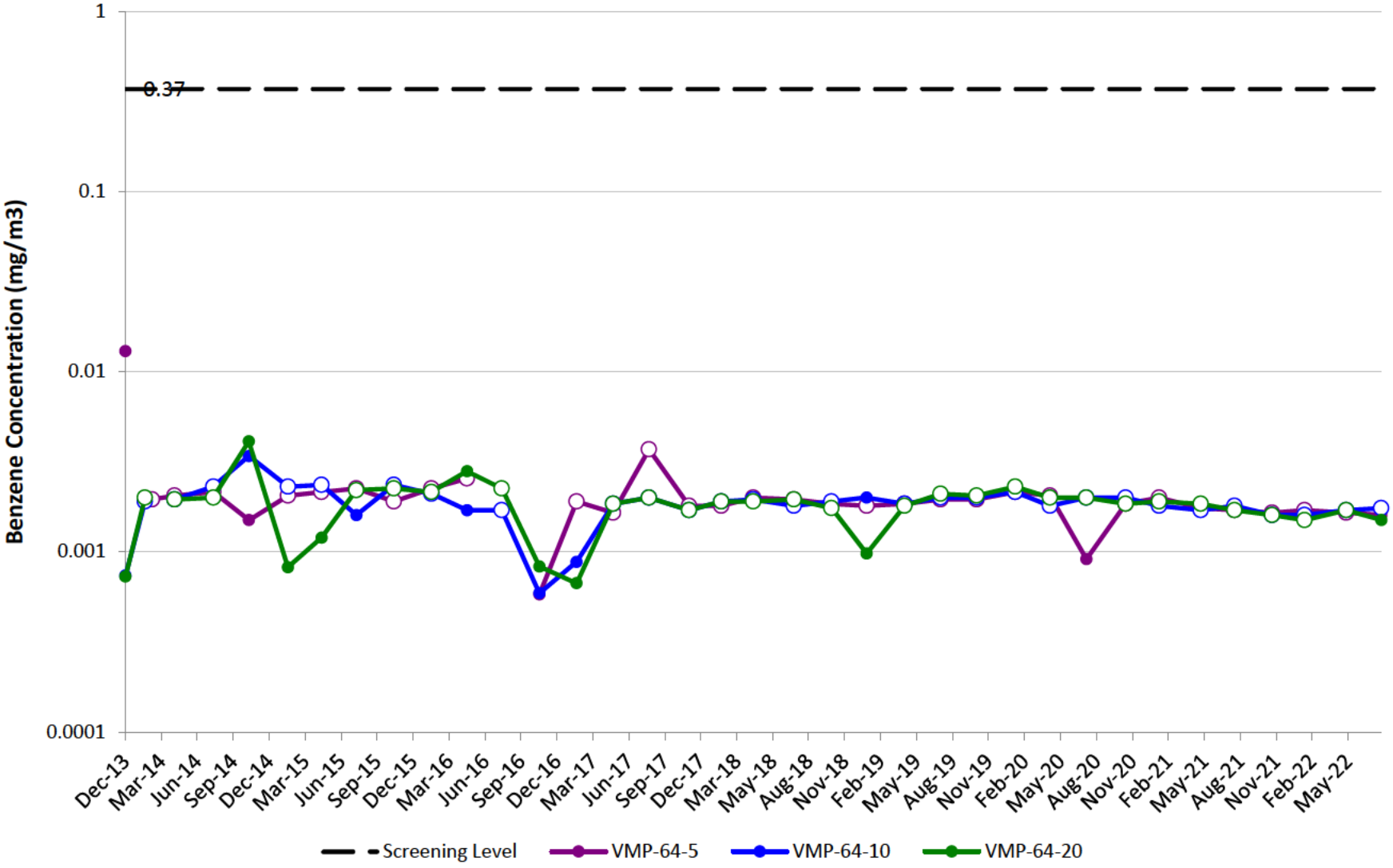
VMP-63

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.



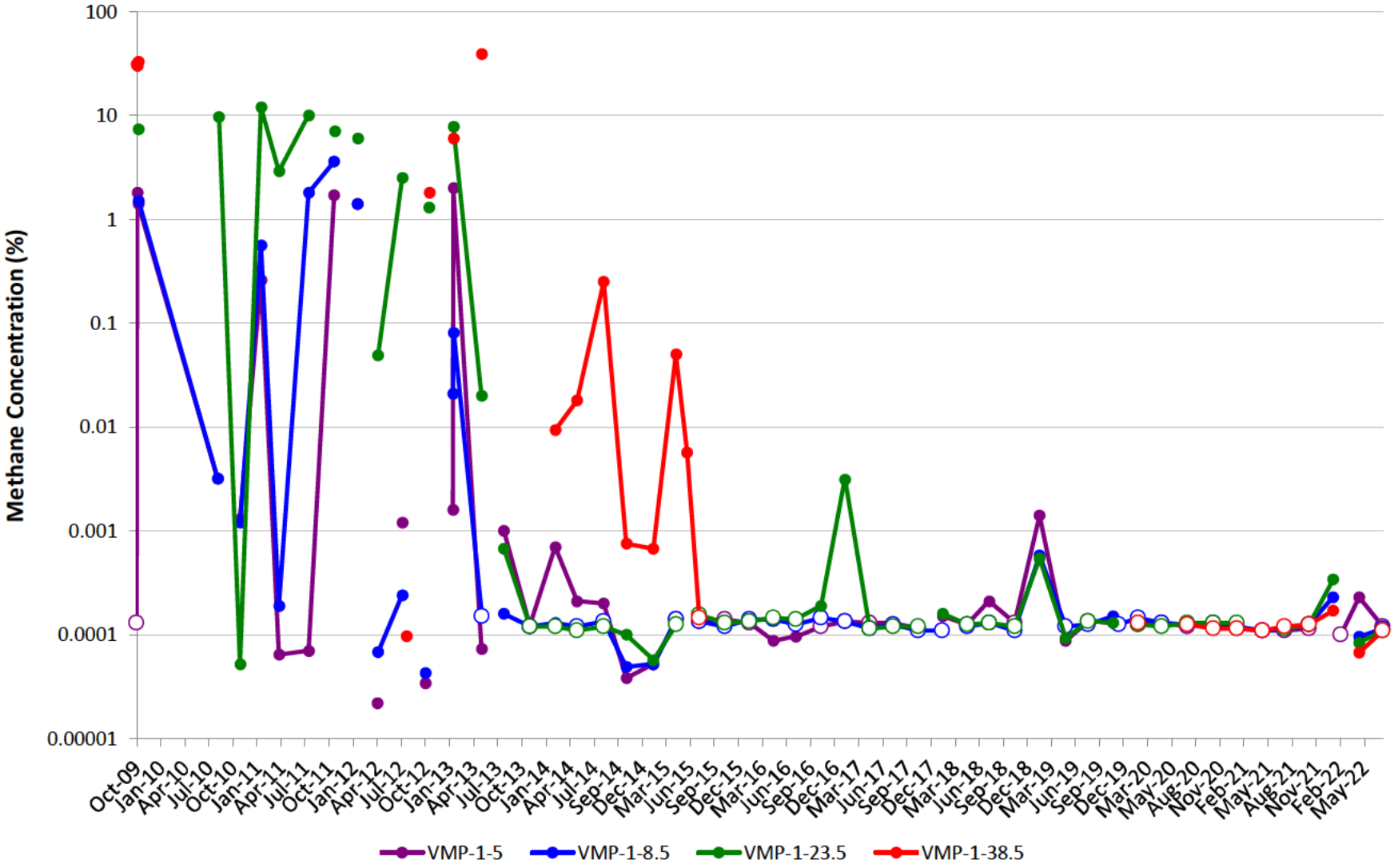
VMP-64

Note: Open circles are non-detect results shown at 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.



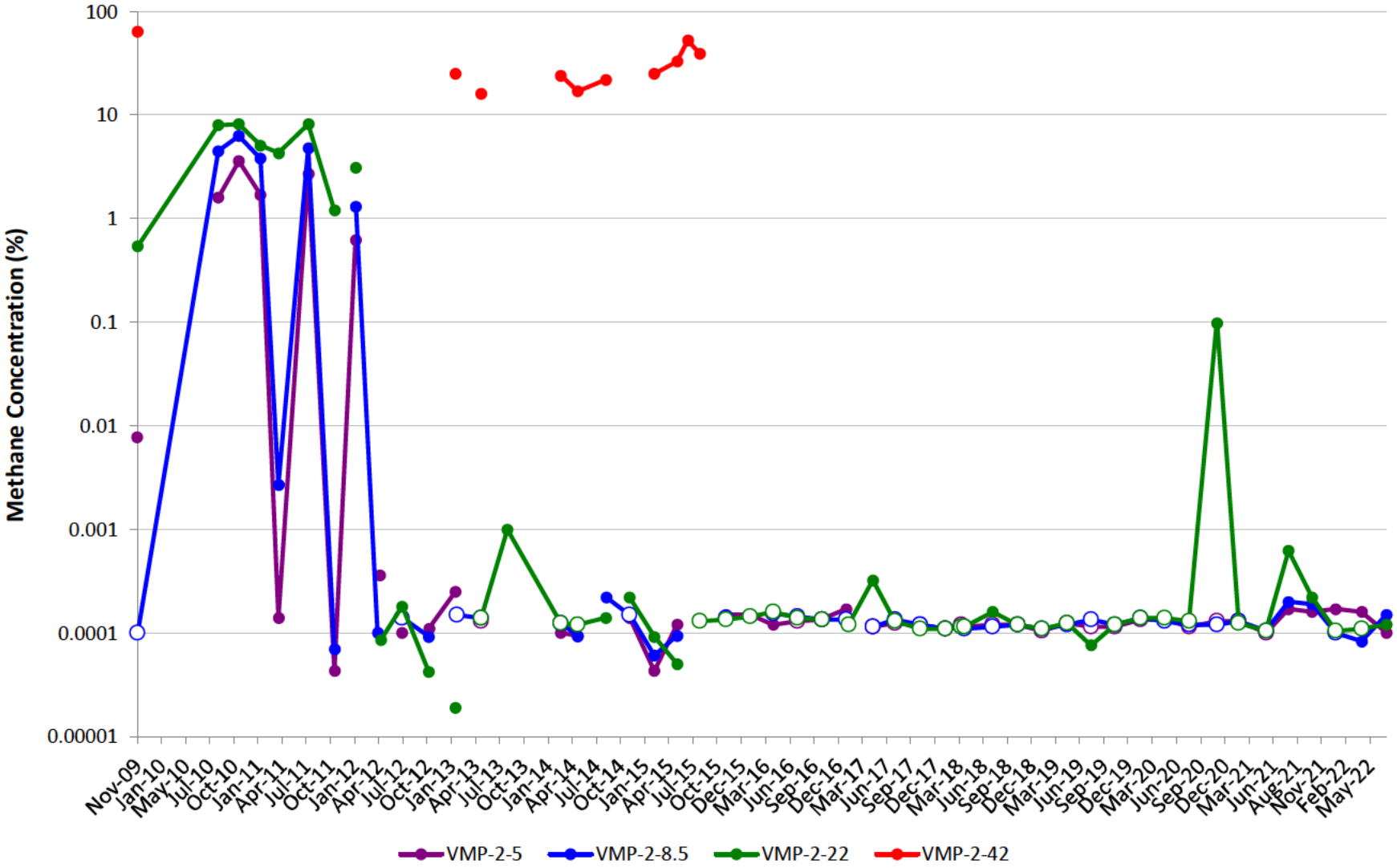
VMP-1

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.



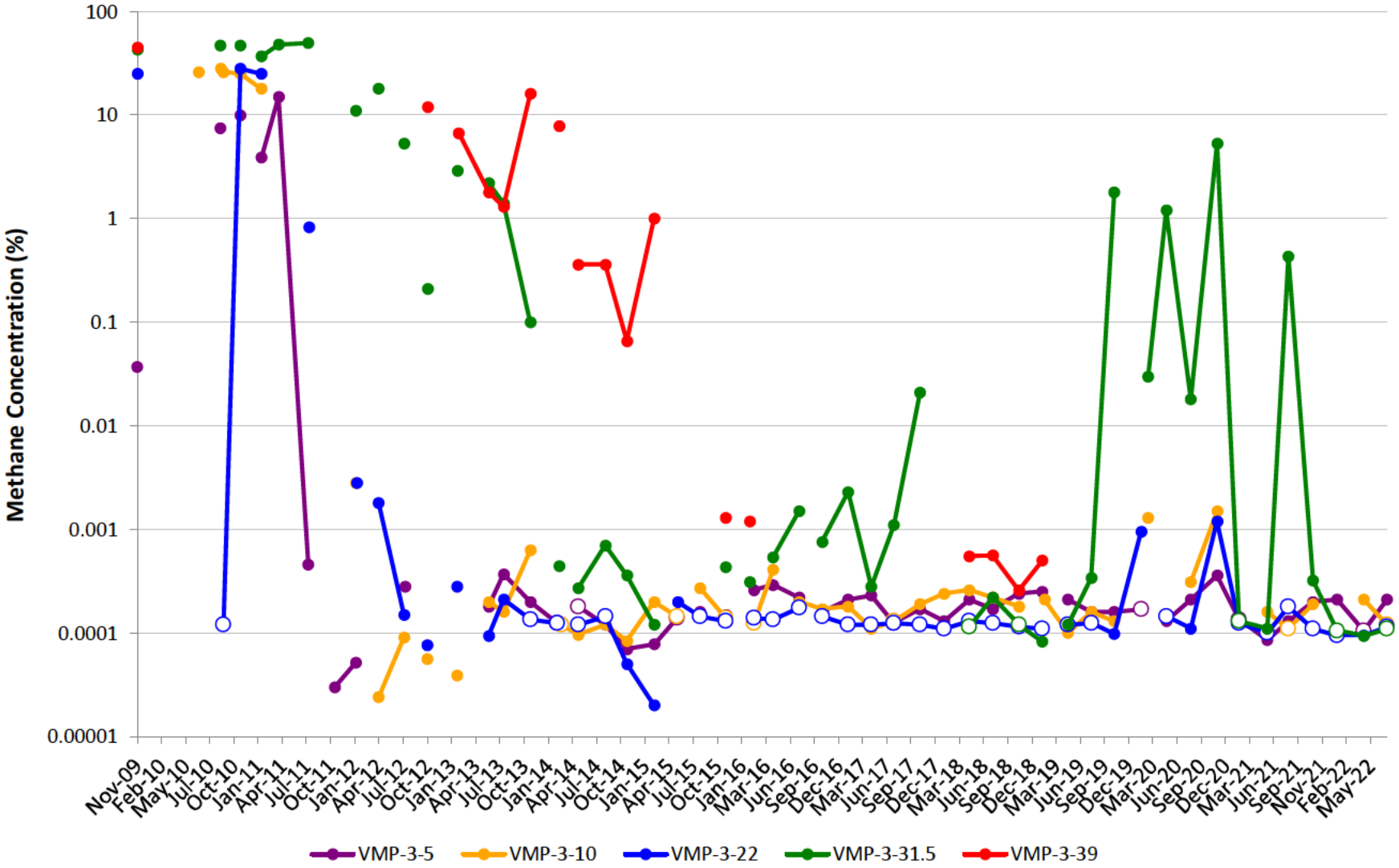
VMP-2

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.



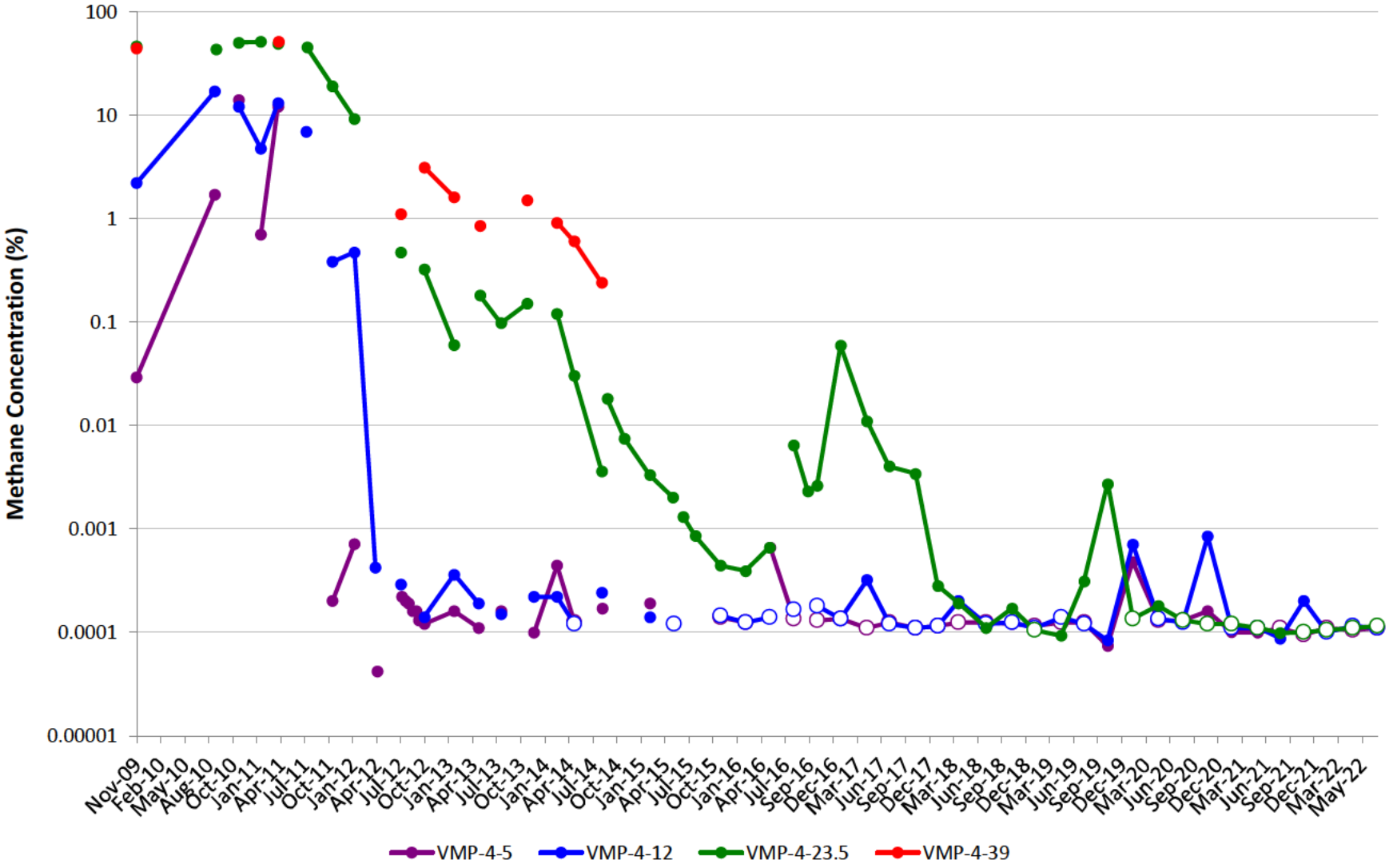
VMP-3

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.



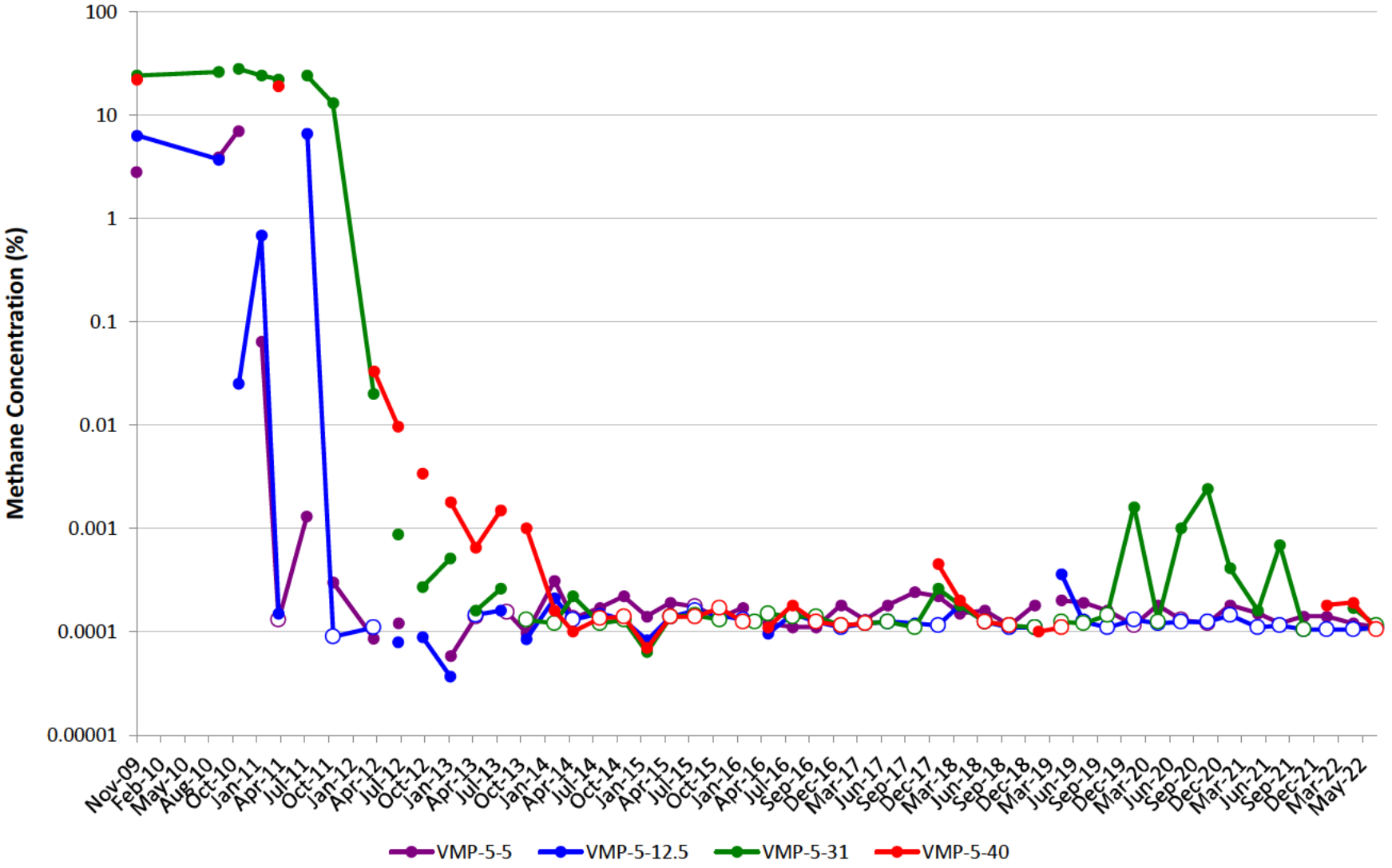
VMP-4

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.



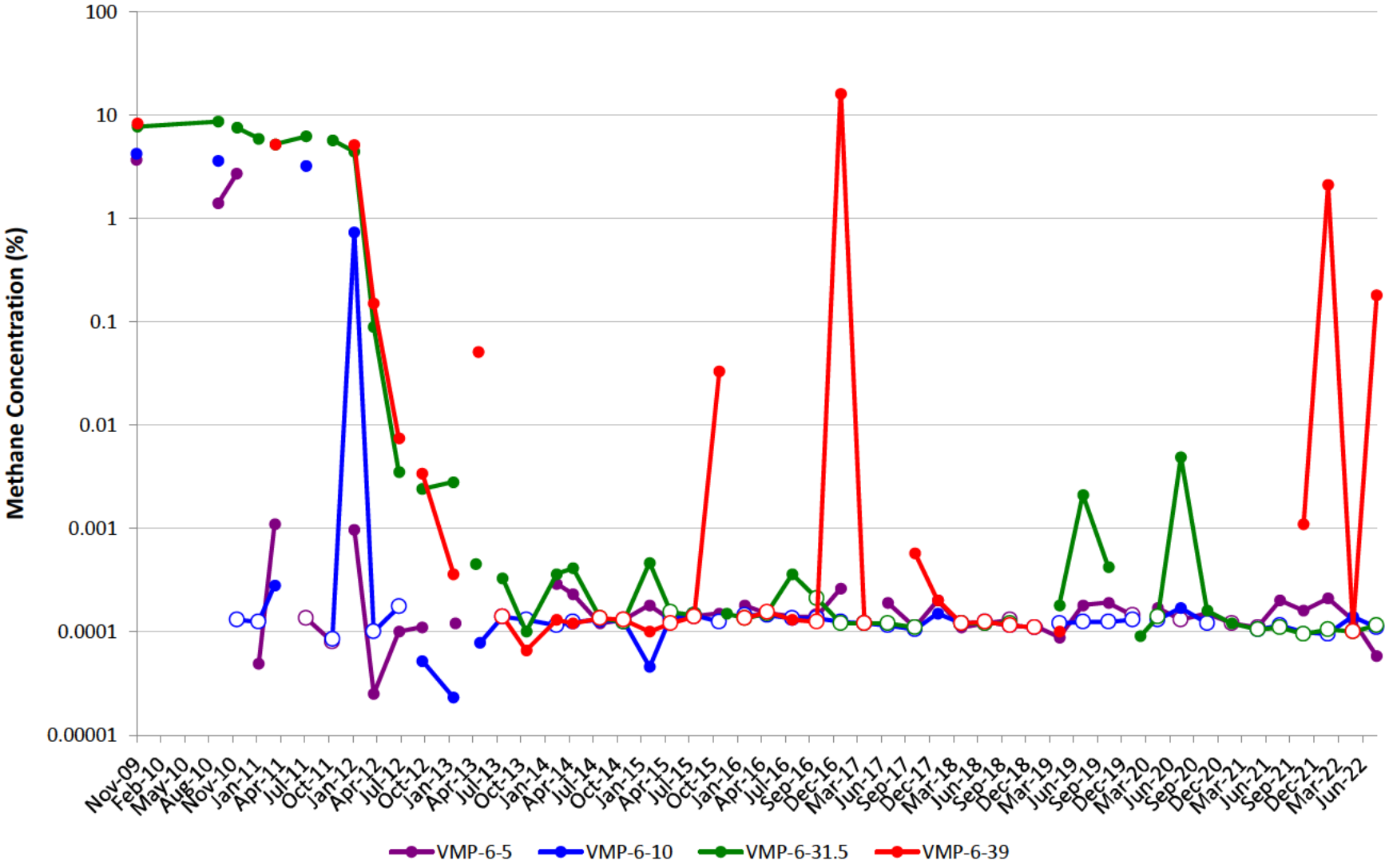
VMP-5

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.



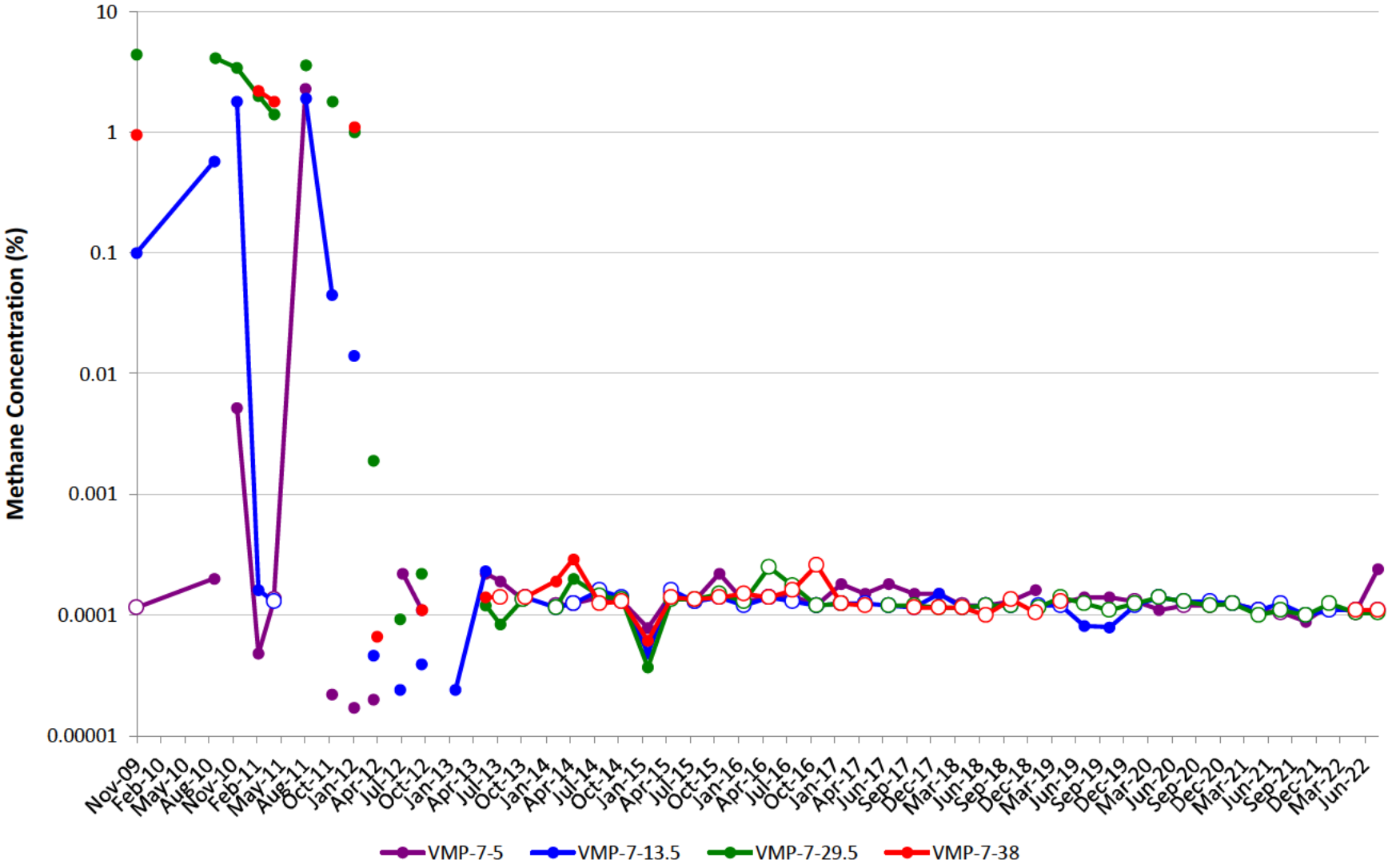
VMP-6

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.



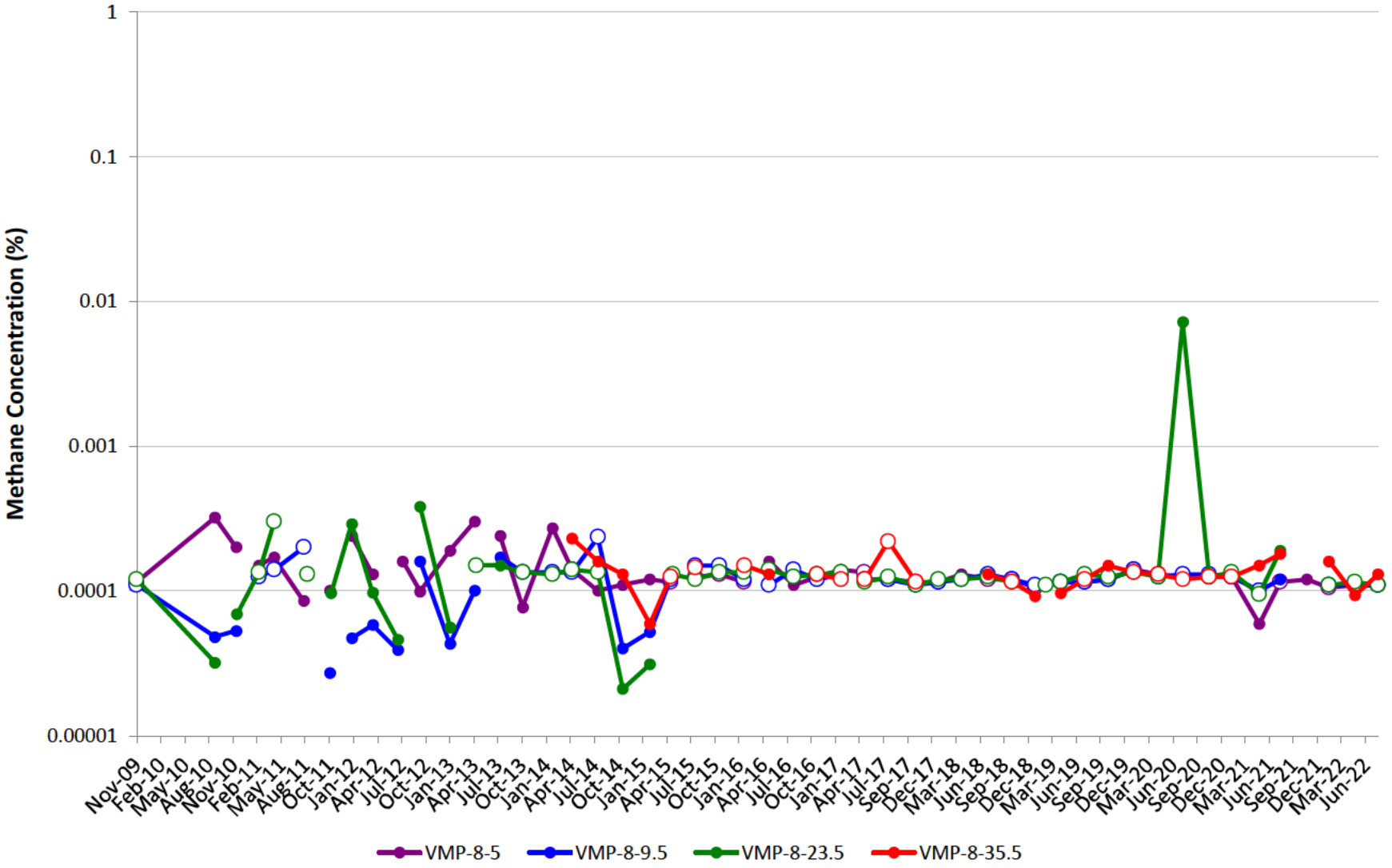
VMP-7

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.



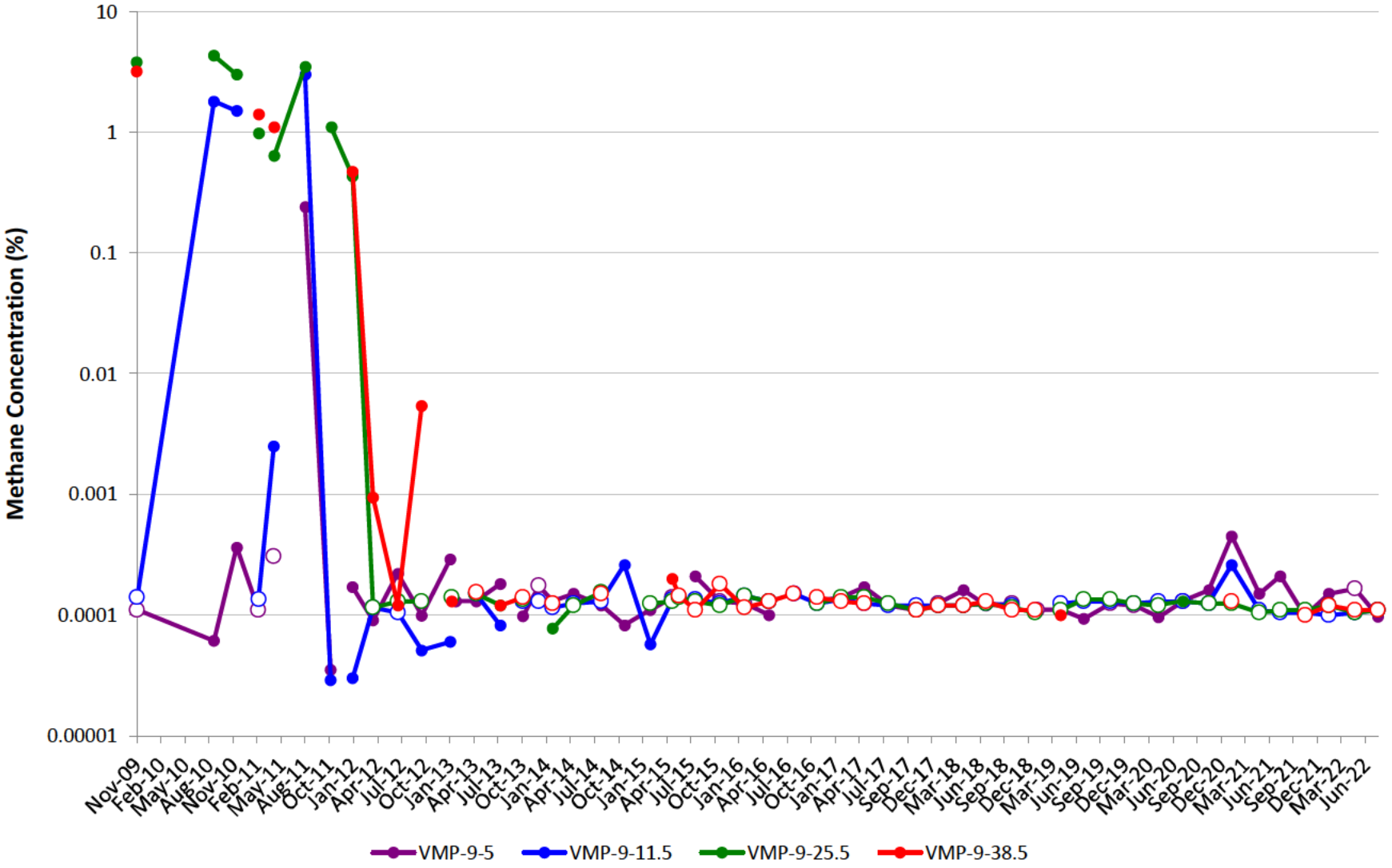
VMP-8

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.



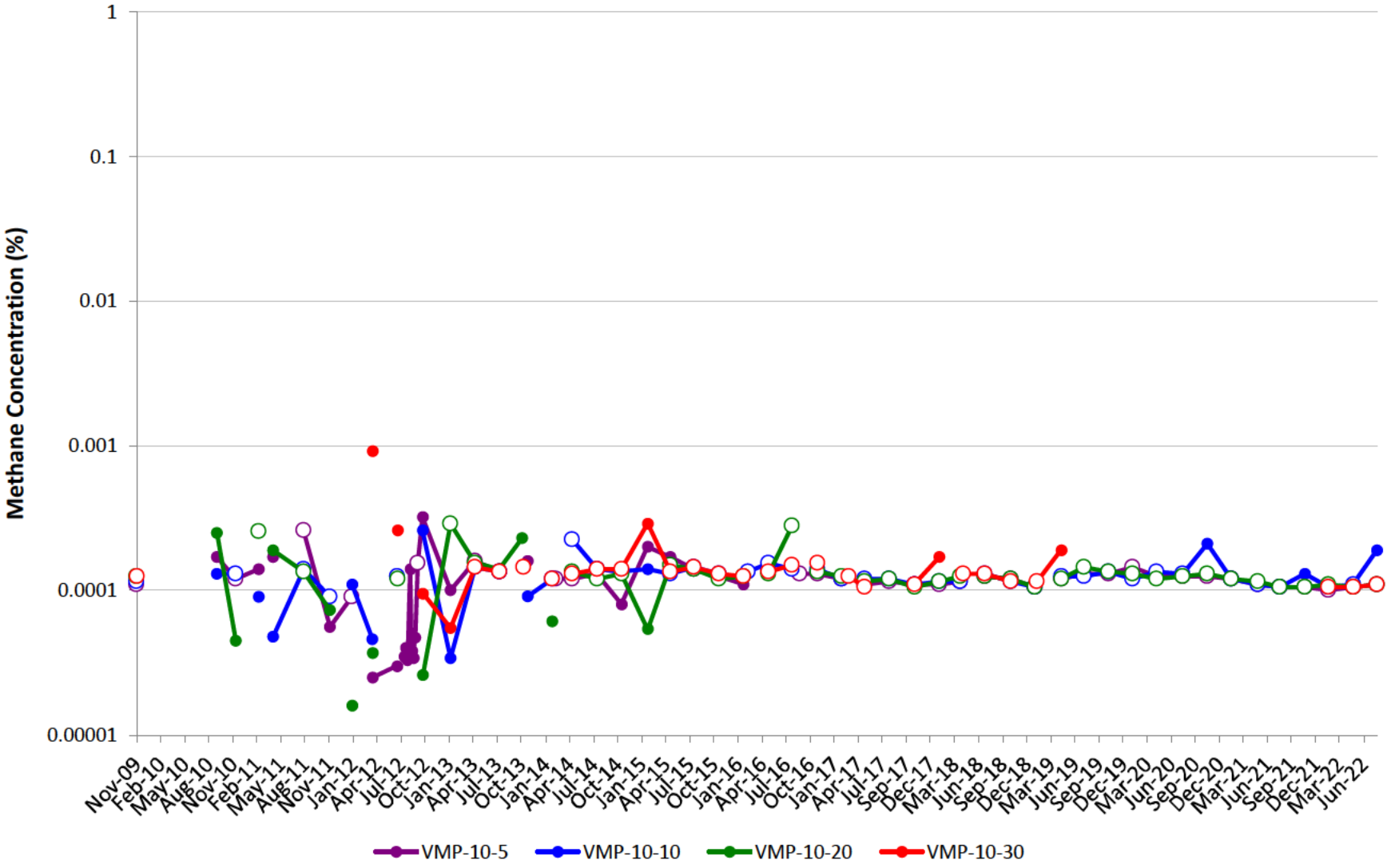
VMP-9

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.



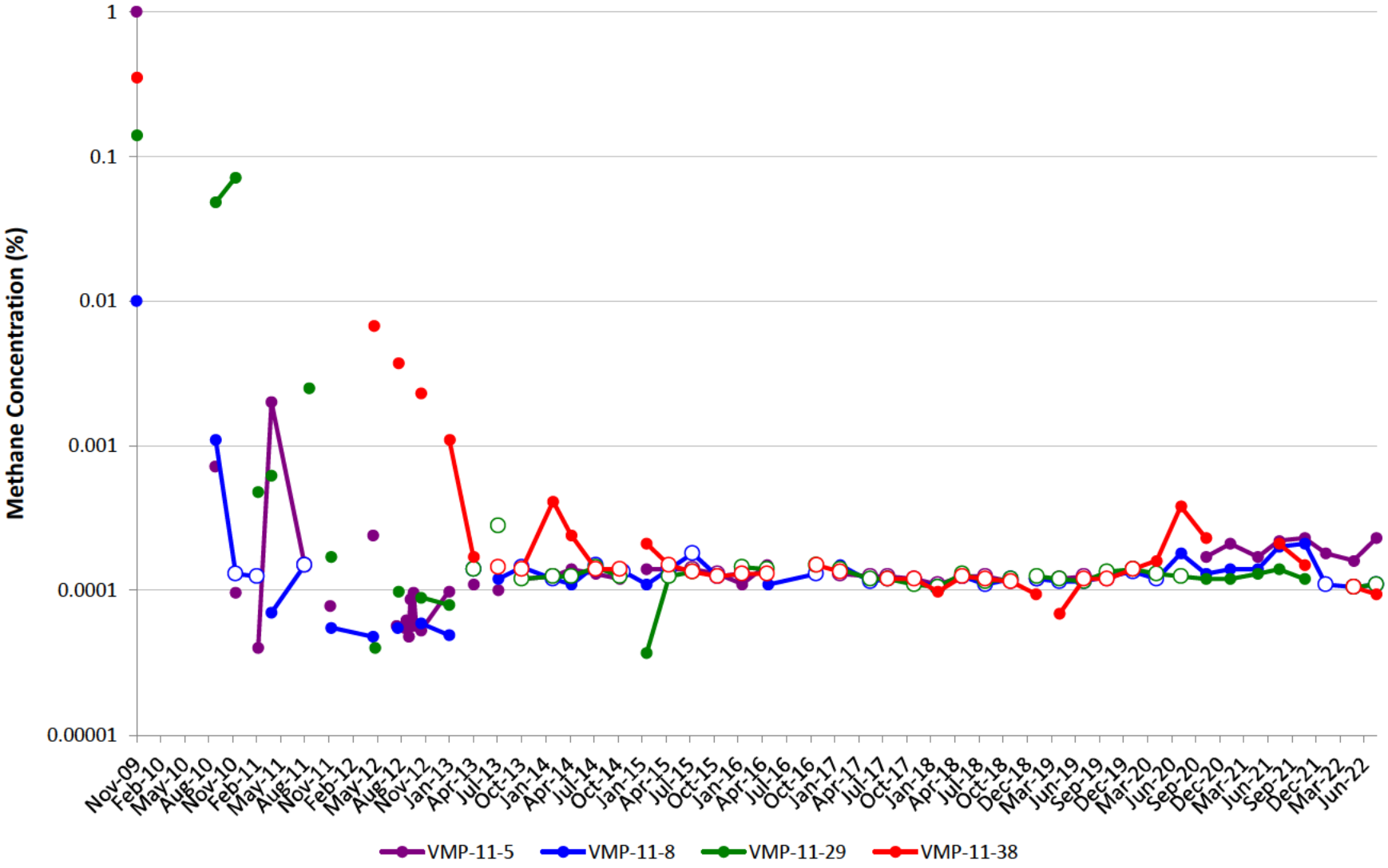
VMP-10

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.



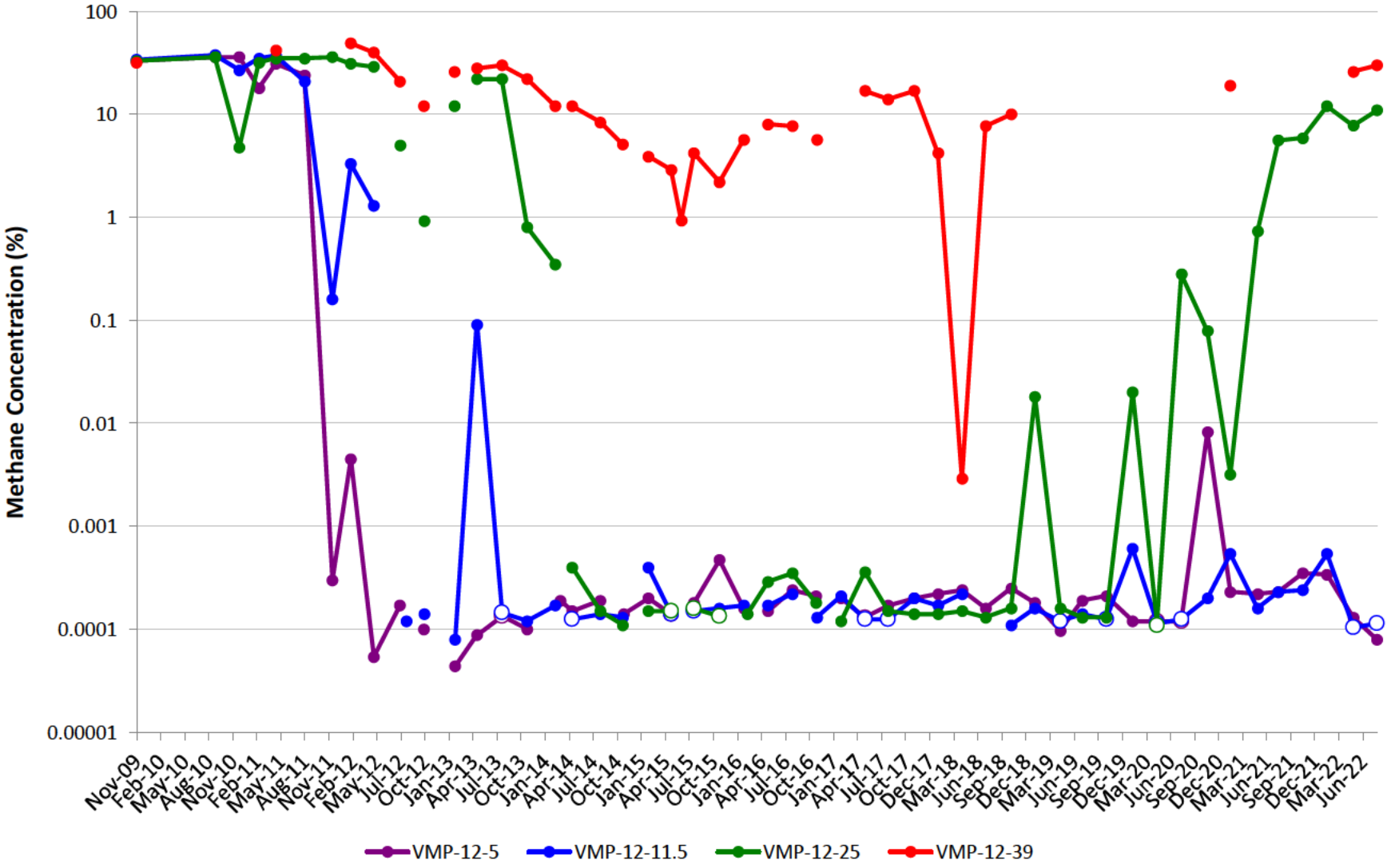
VMP-11

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.



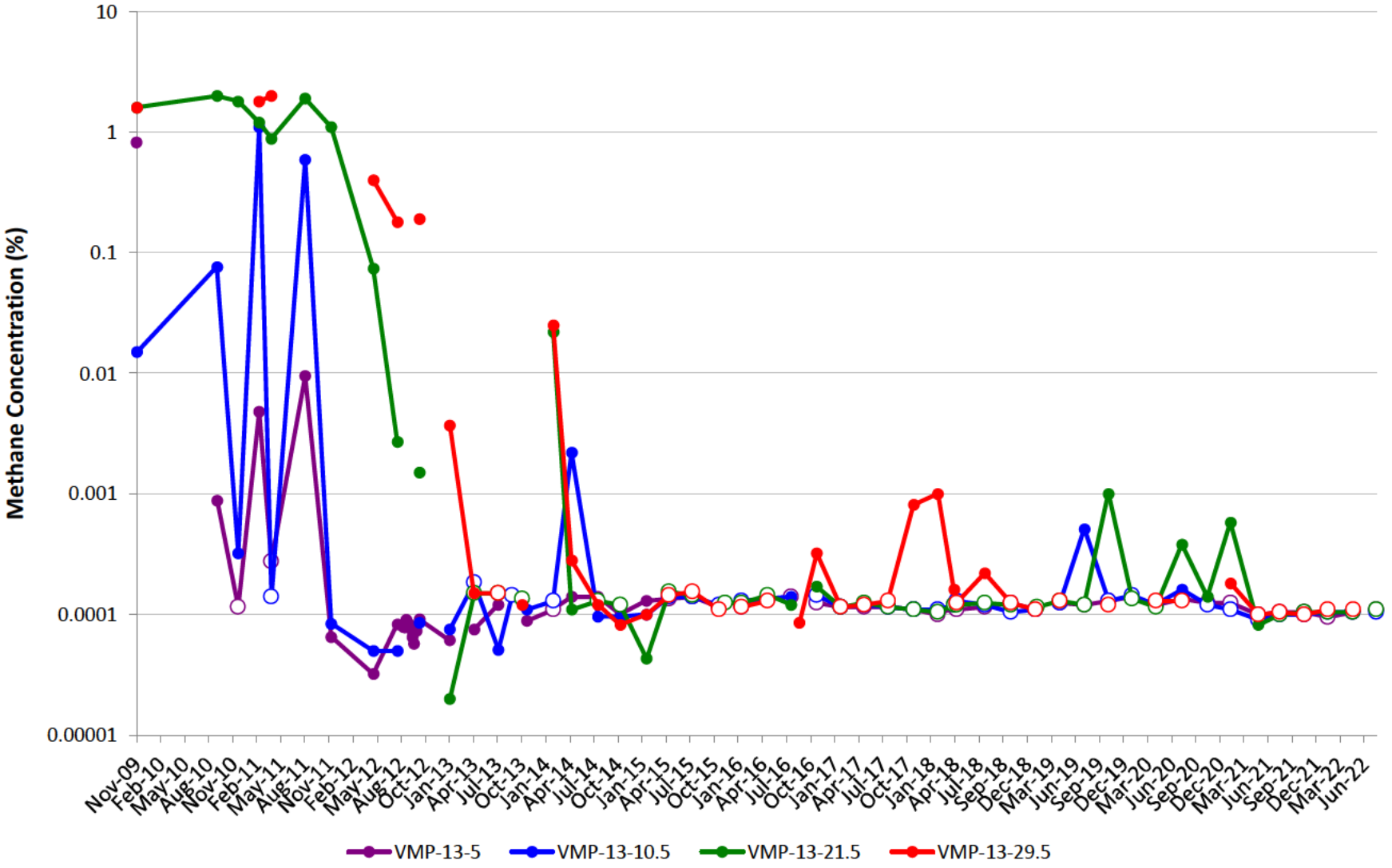
VMP-12

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.



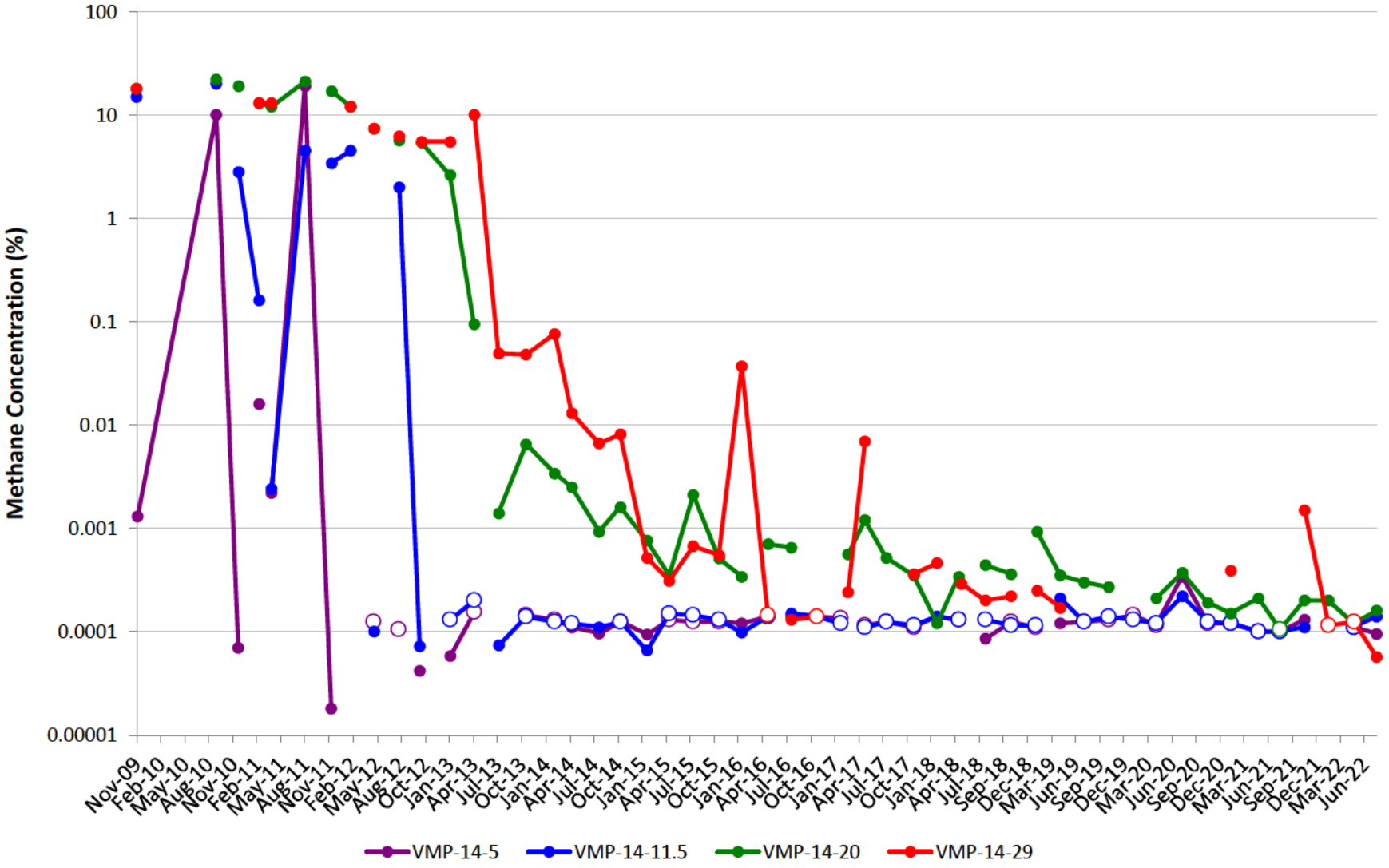
VMP-13

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.



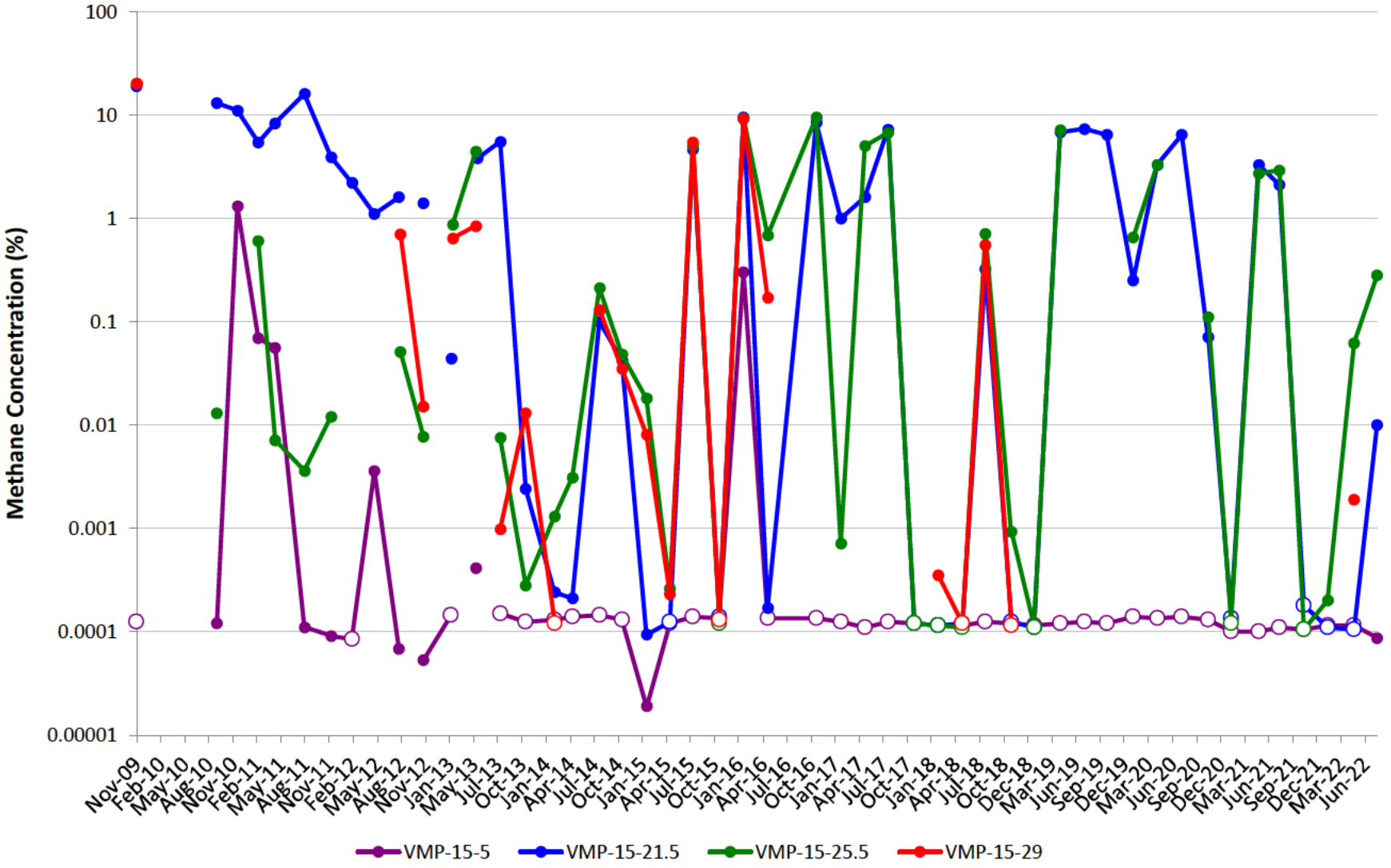
VMP-14

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.



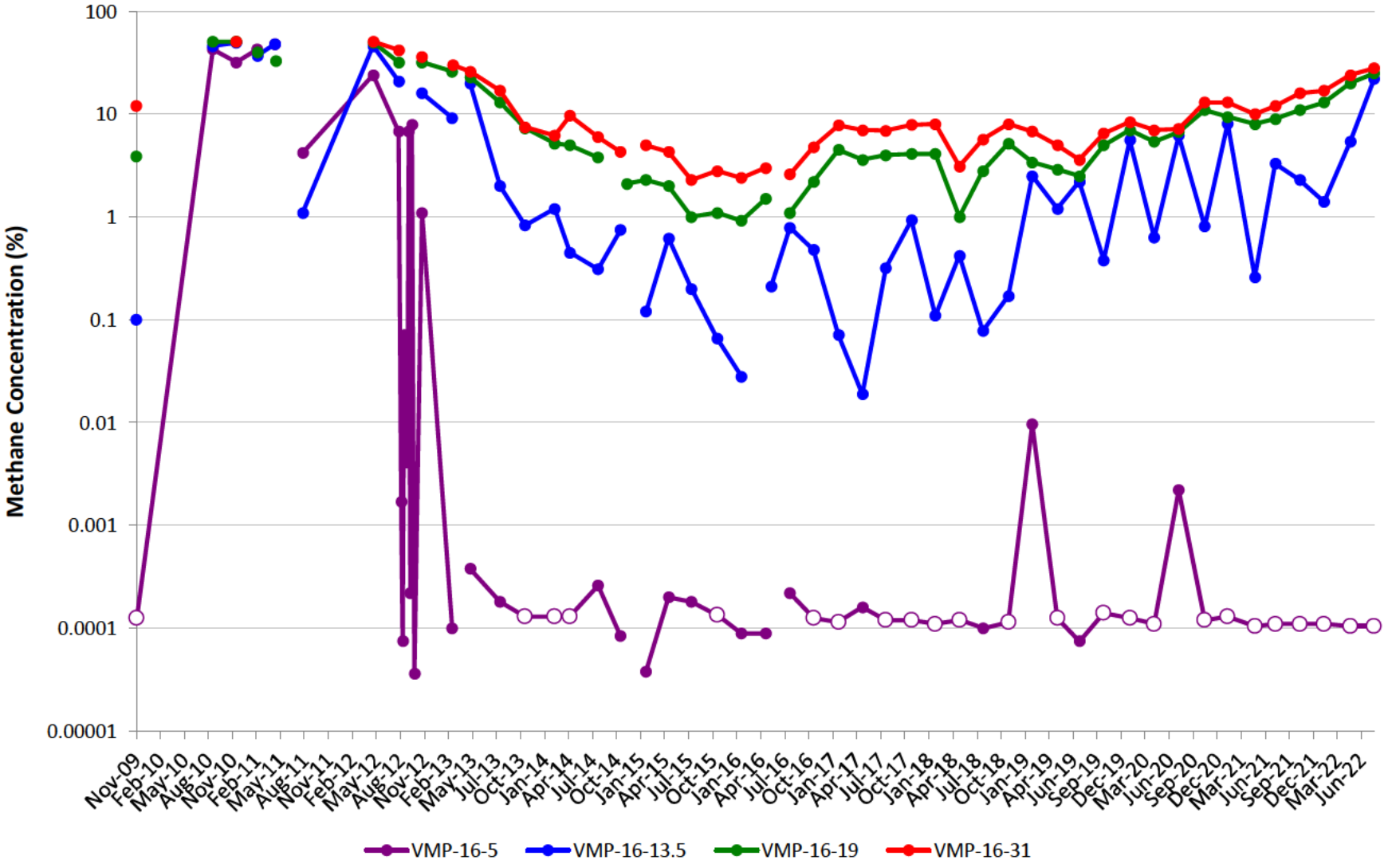
VMP-15

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.



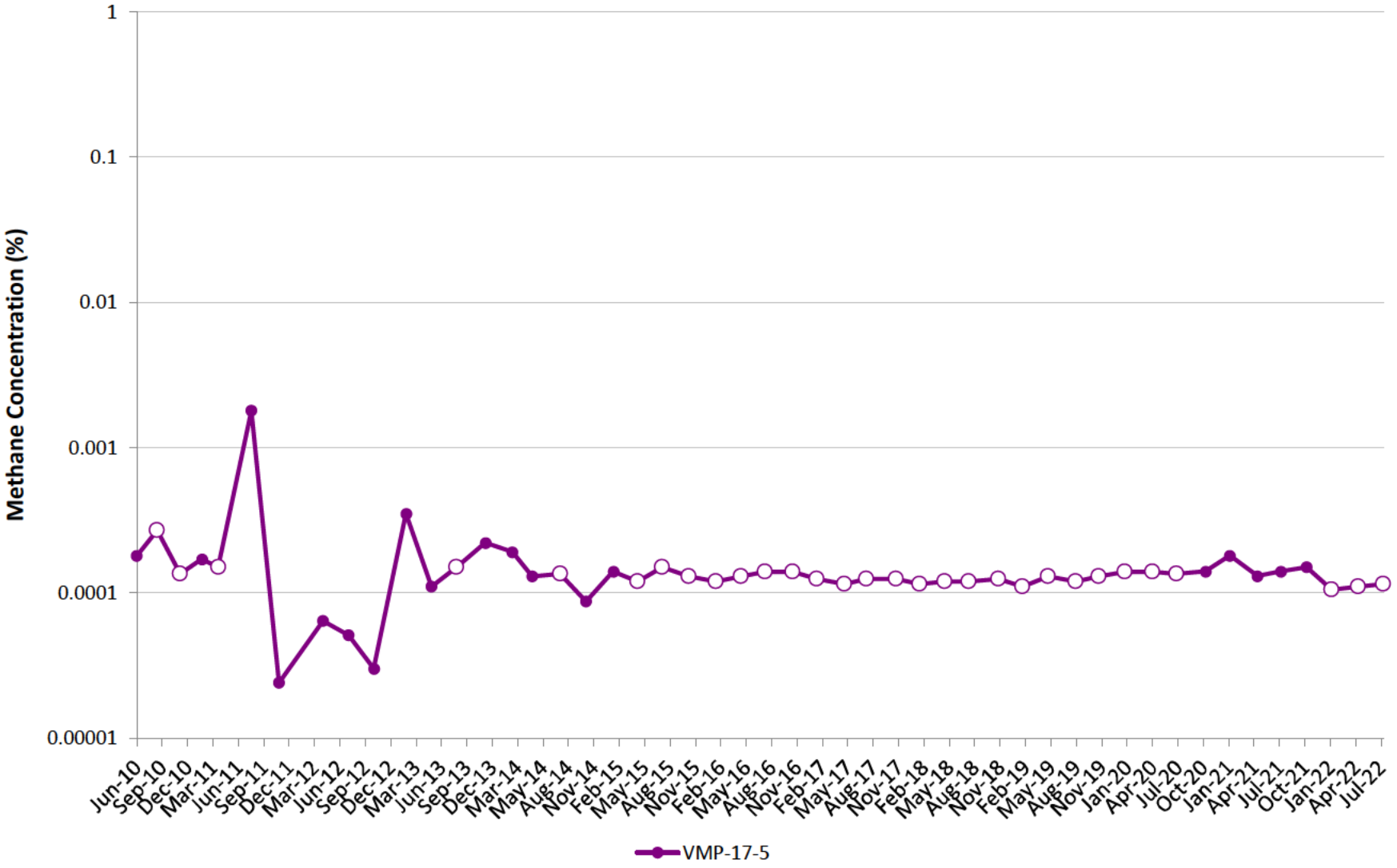
VMP-16

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.



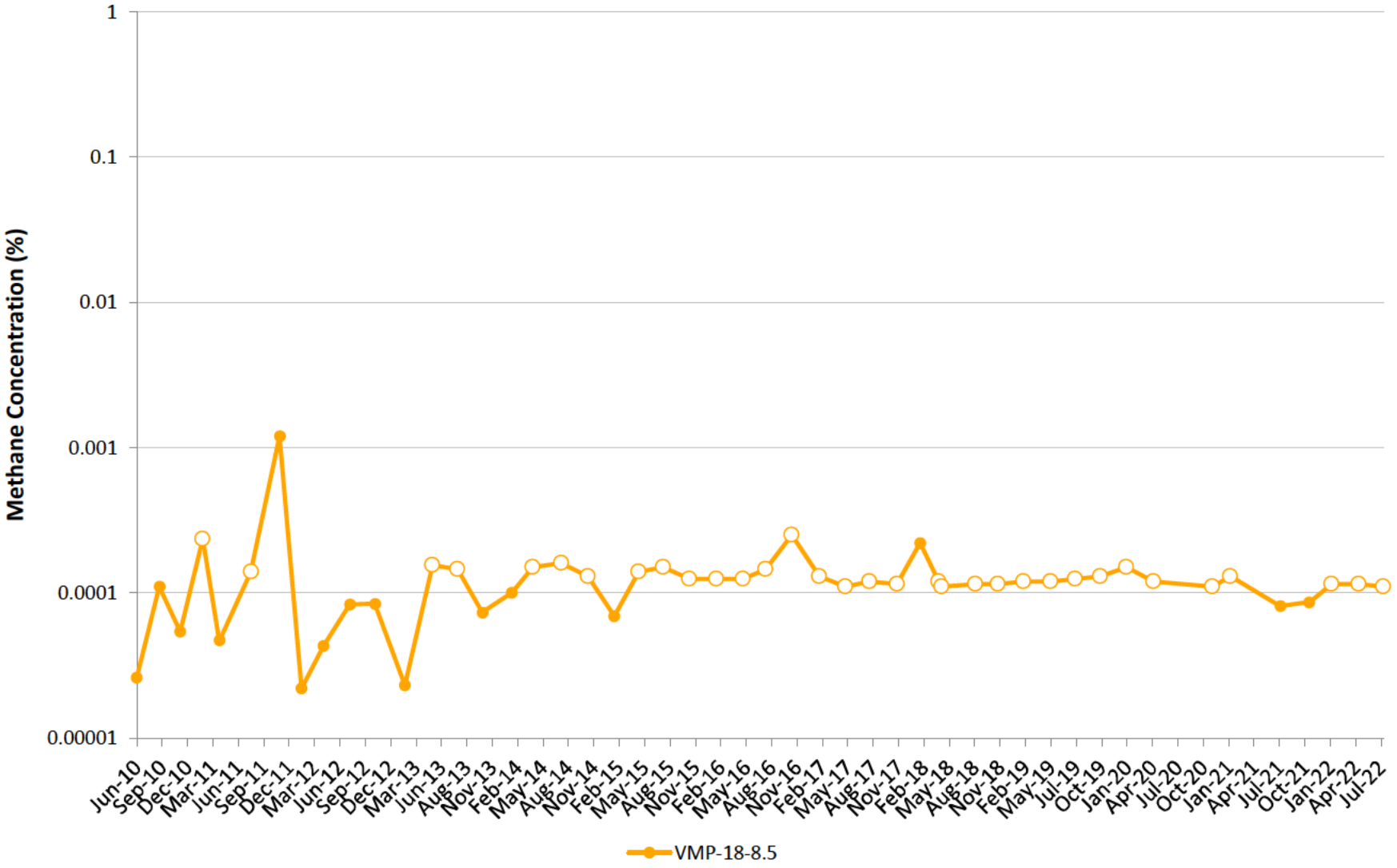
VMP-17

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.



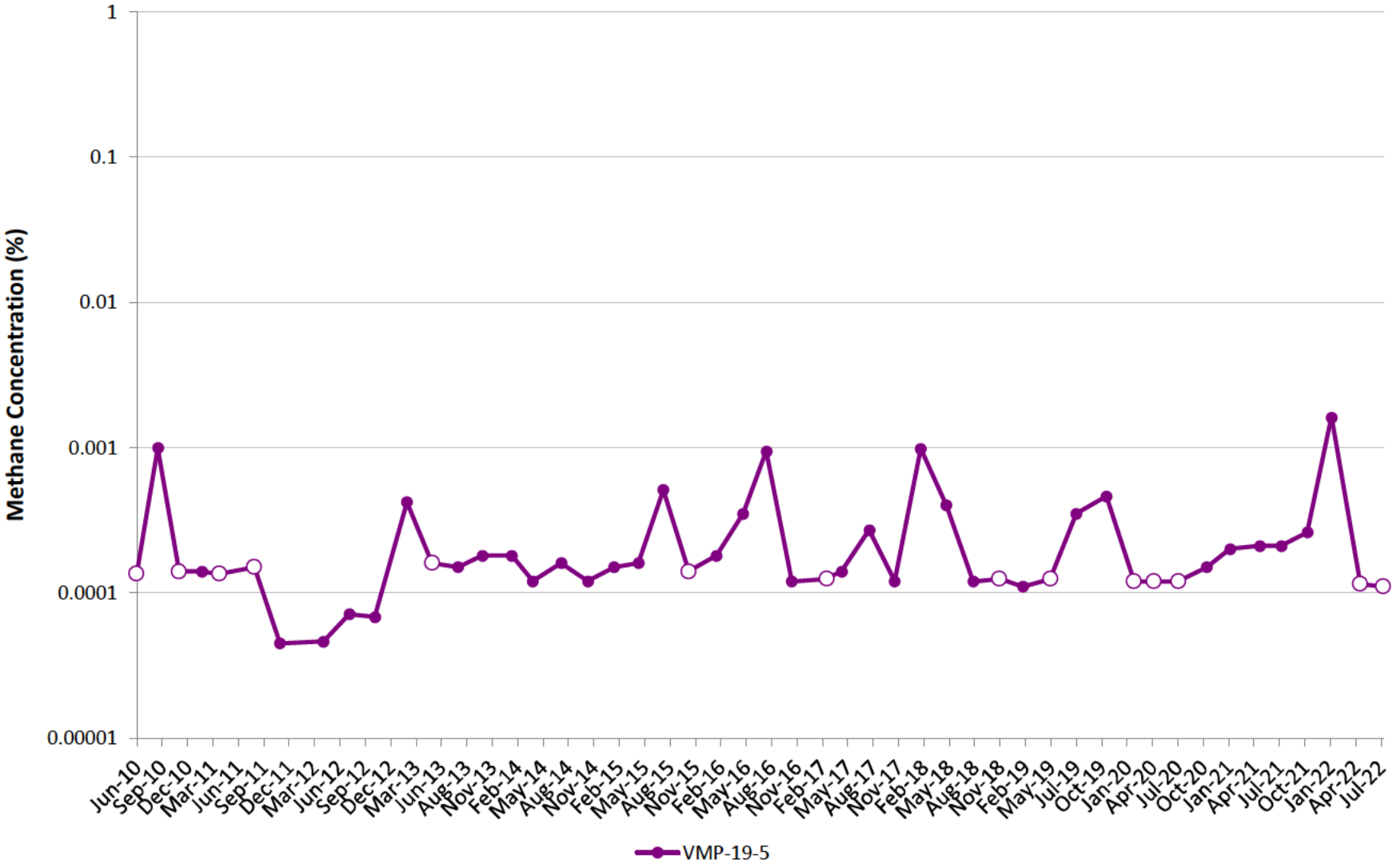
VMP-18

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.



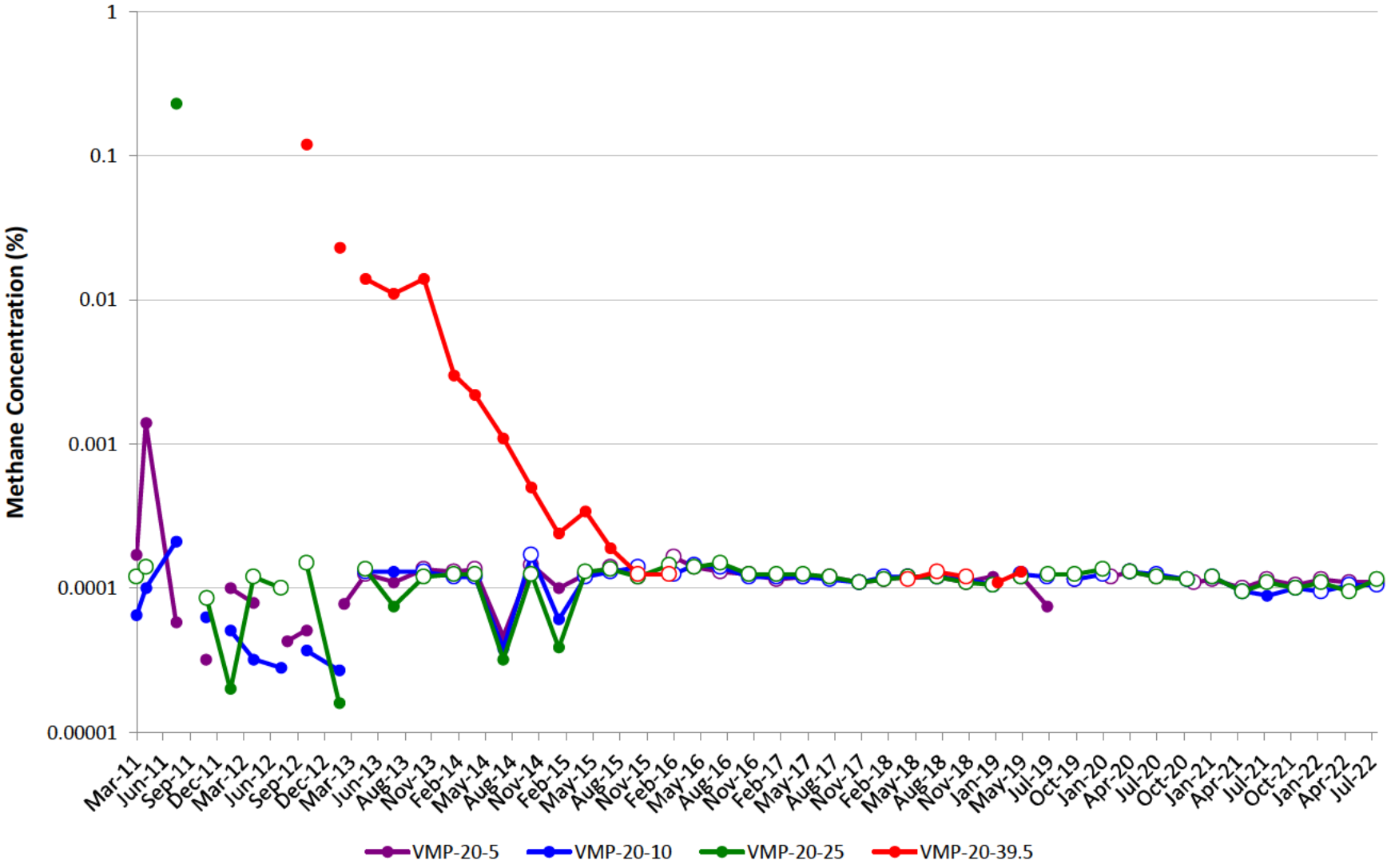
VMP-19

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.



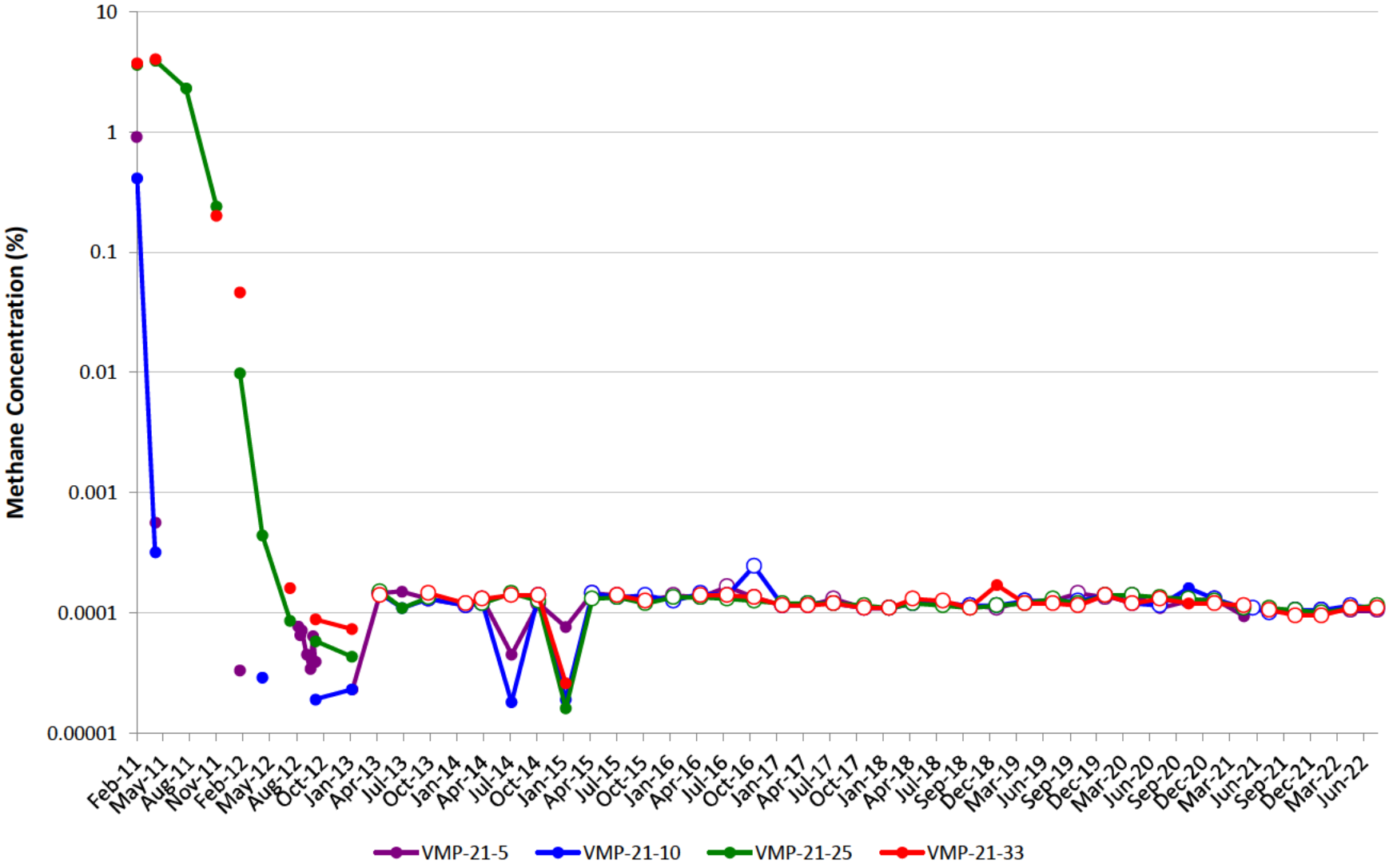
VMP-20

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.



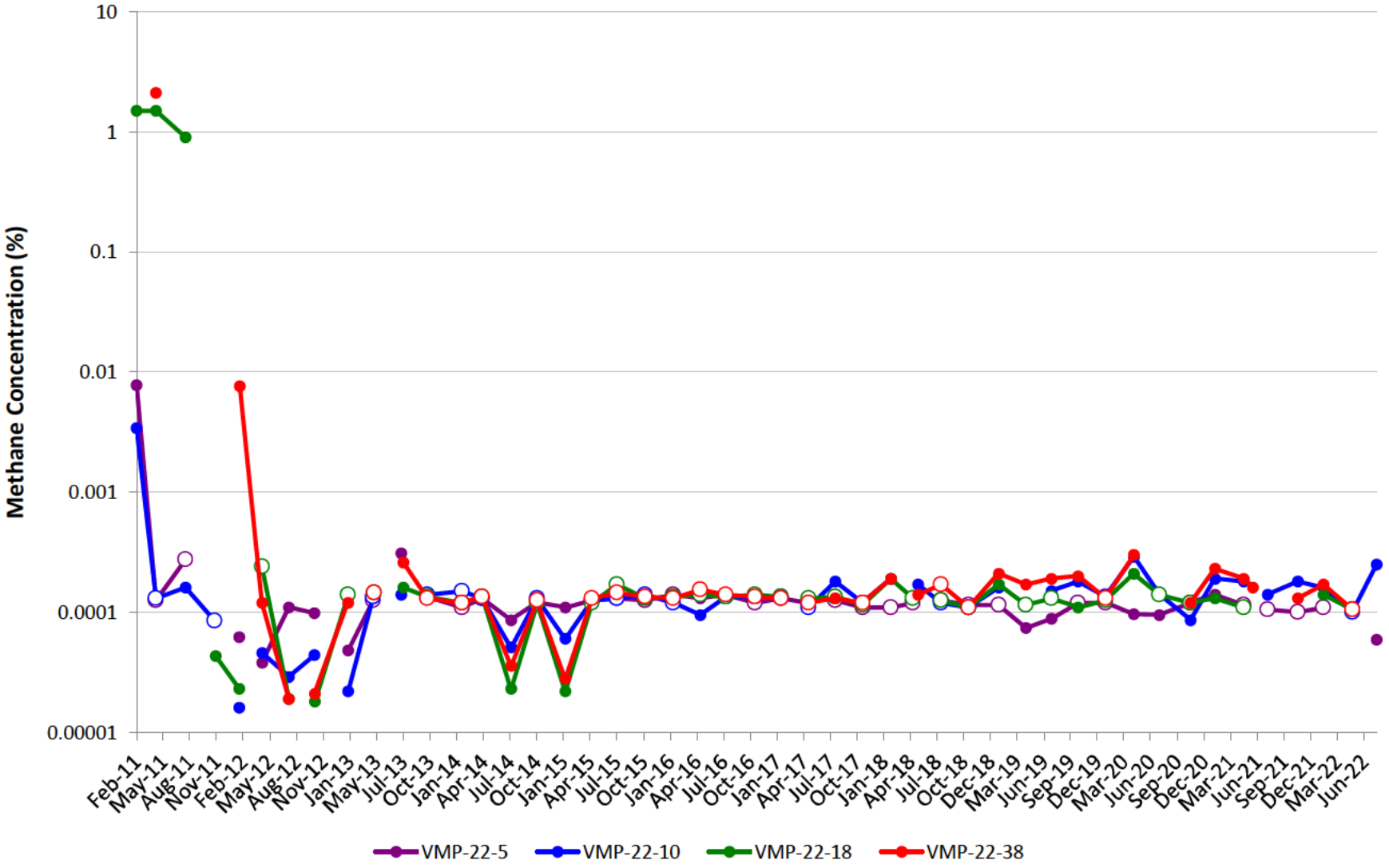
VMP-21

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.



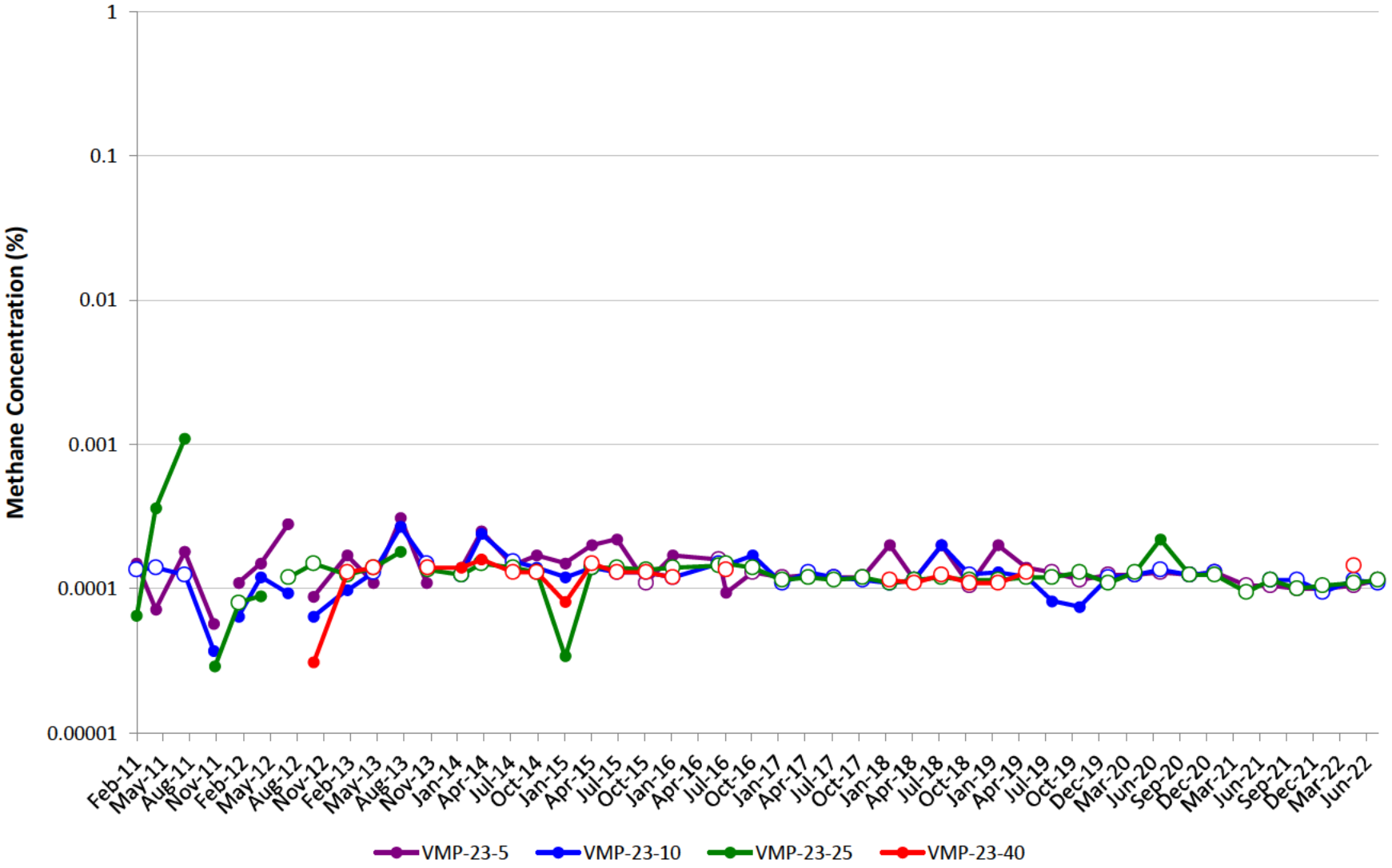
VMP-22

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.



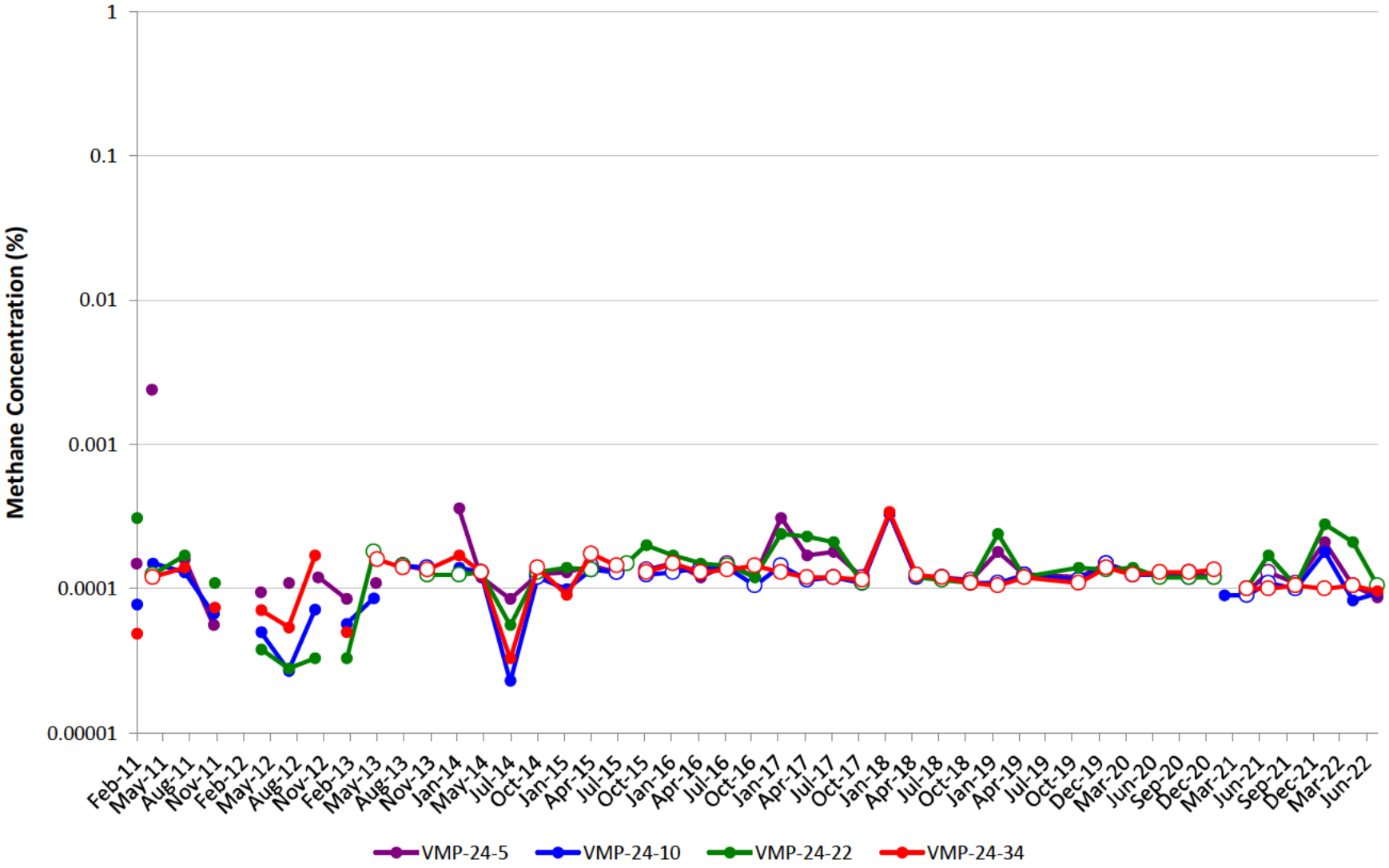
VMP-23

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.



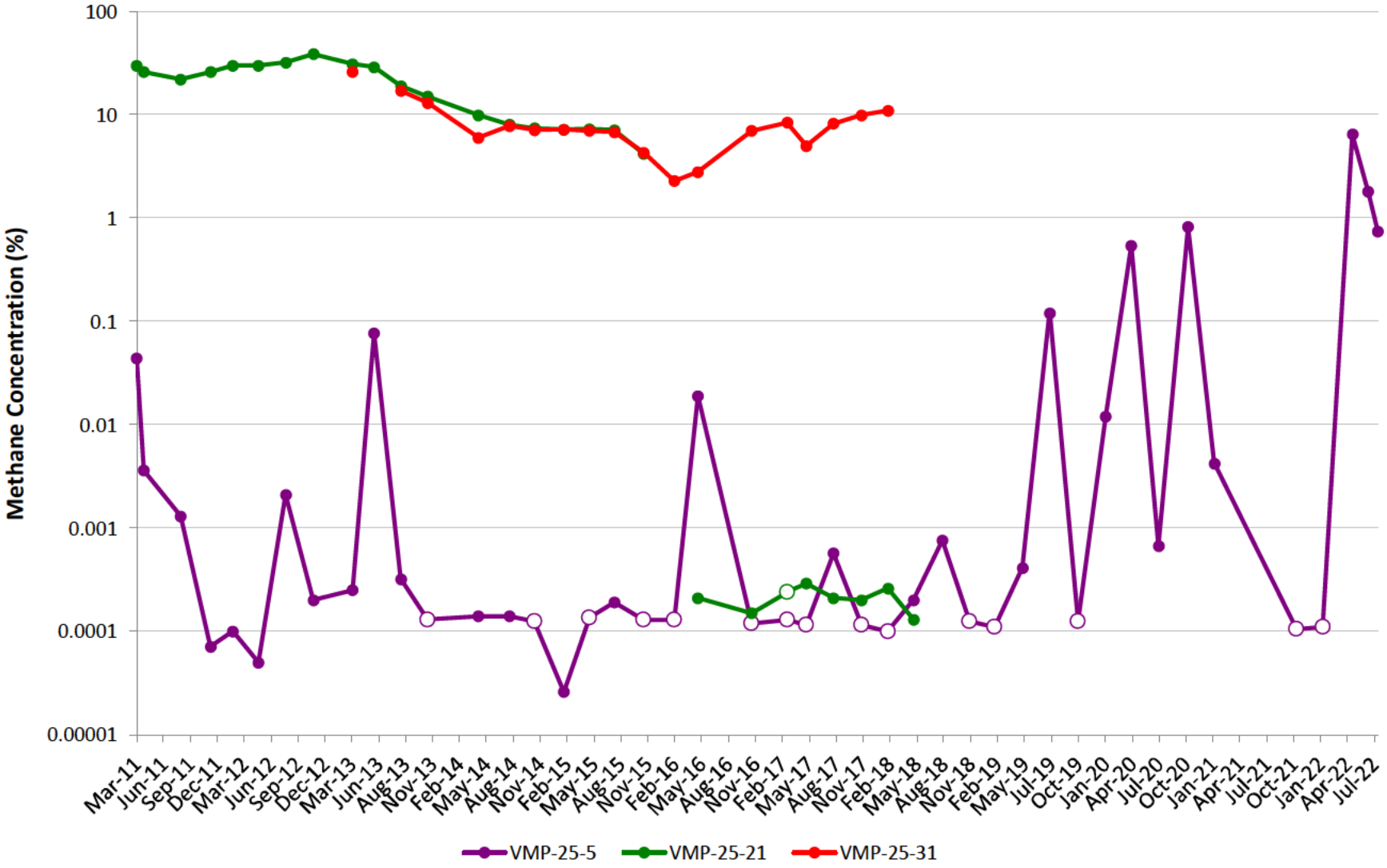
VMP-24

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.



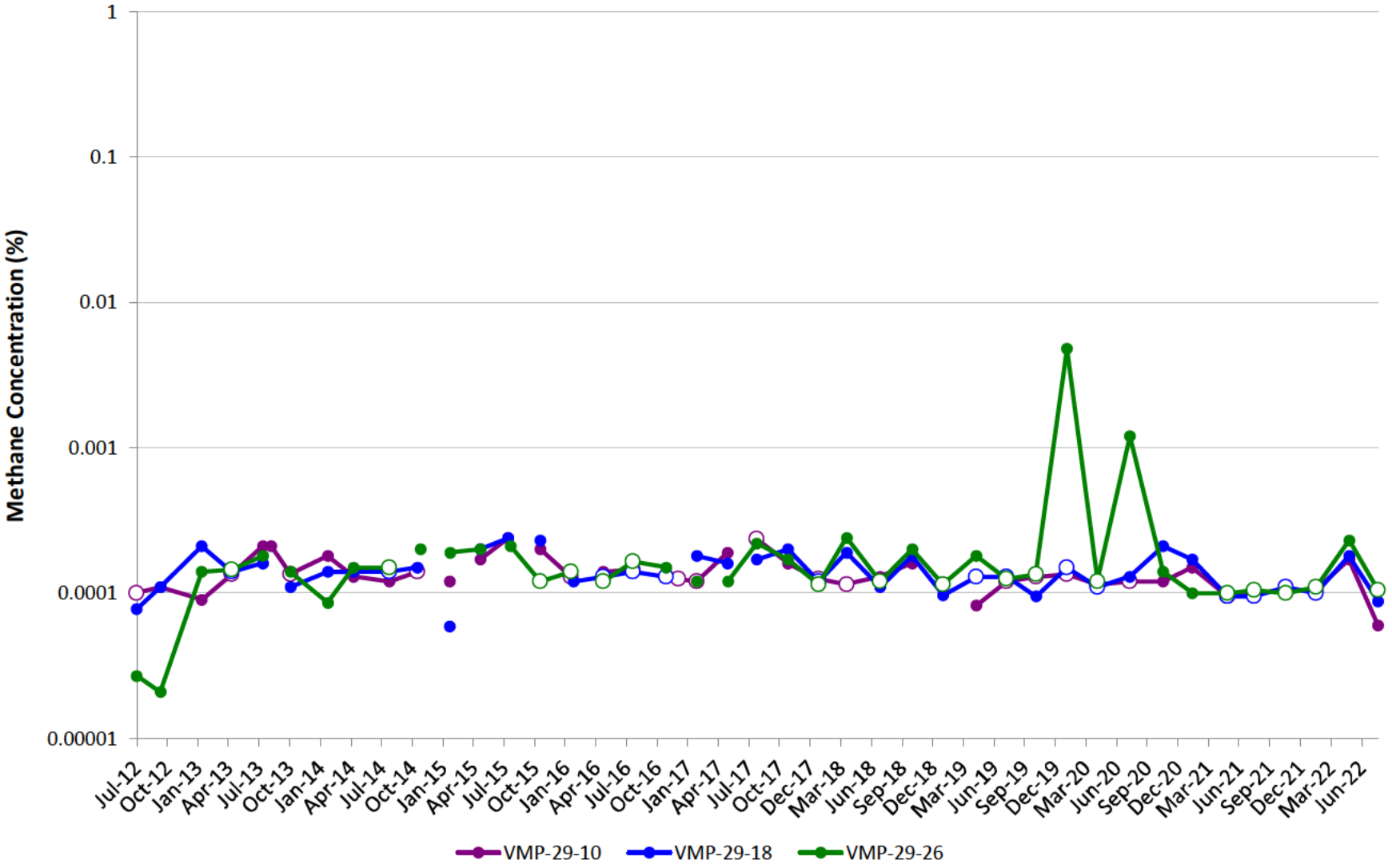
VMP-25

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.



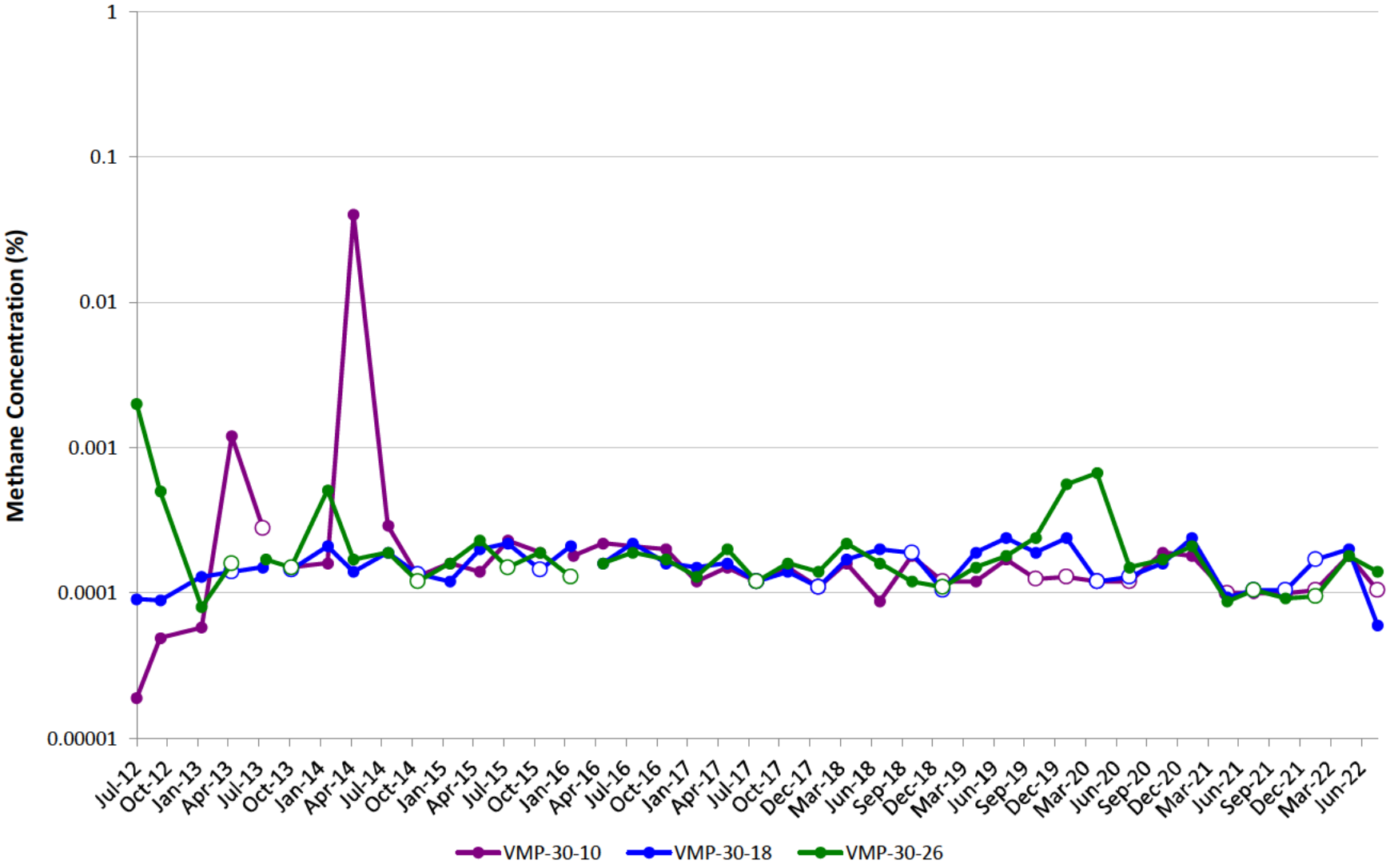
VMP-29

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.



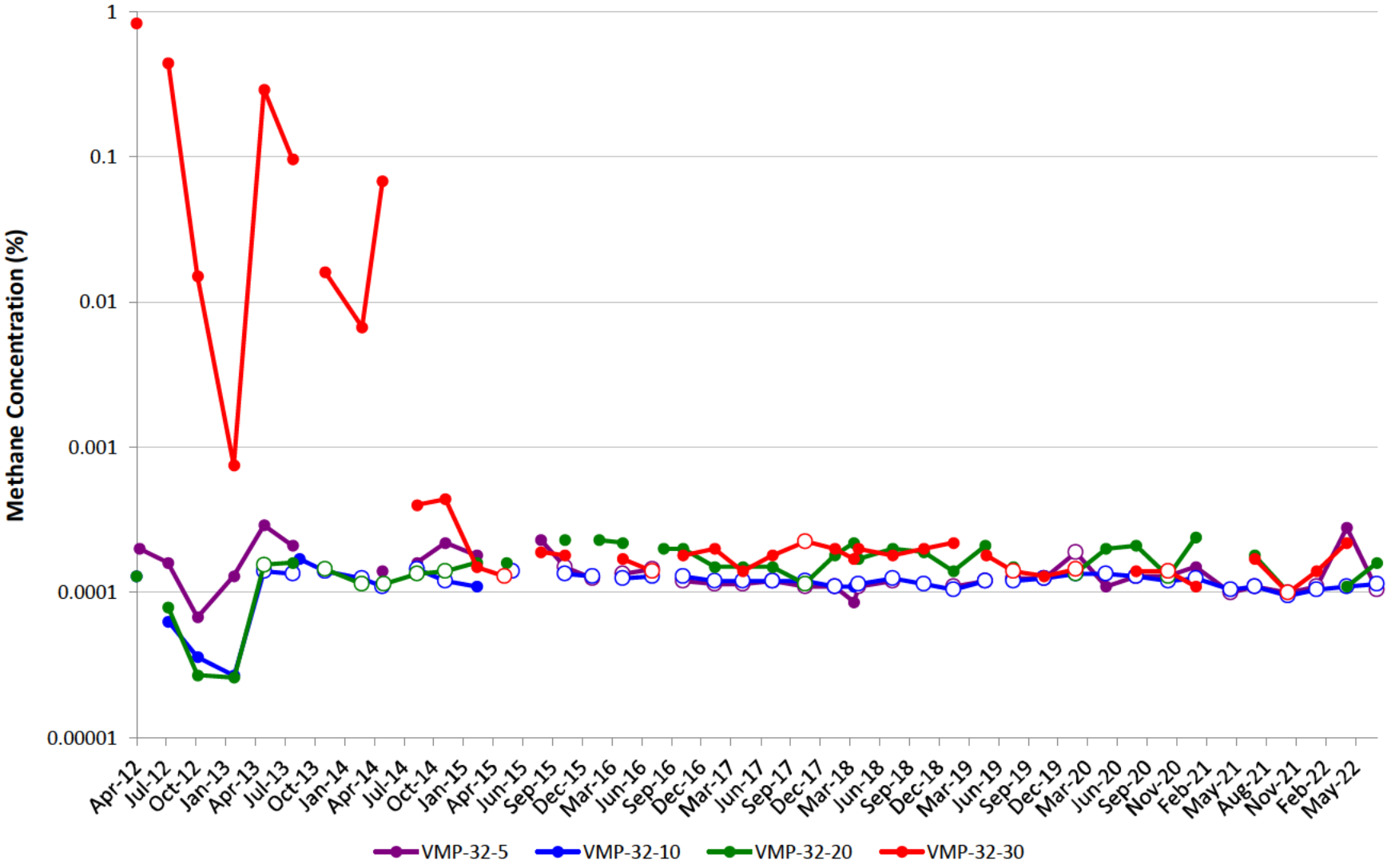
VMP-30

Note: Open circles are non-detect results shown at 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.



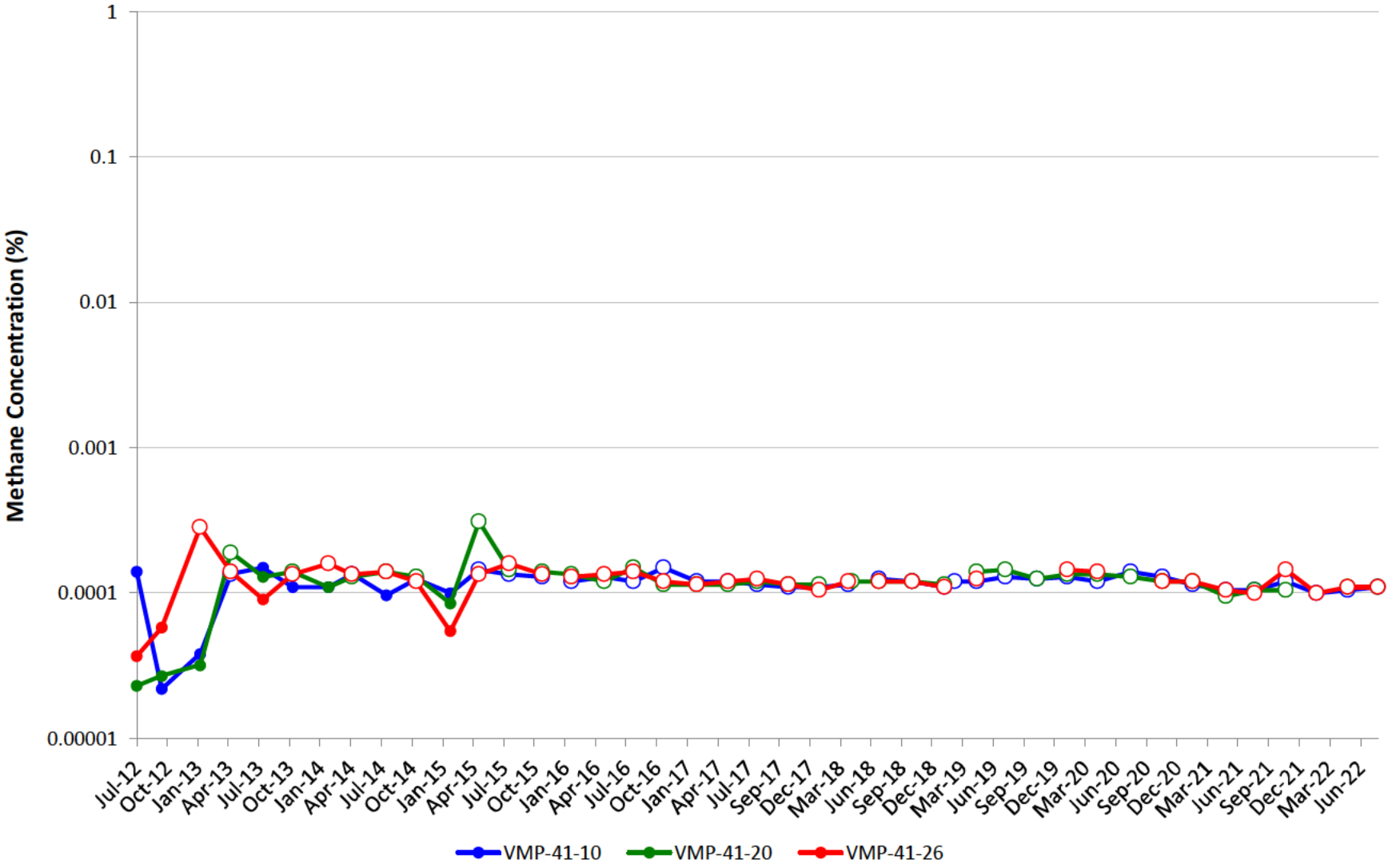
VMP-32

Note: Open circles are non-detect results shown at 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.



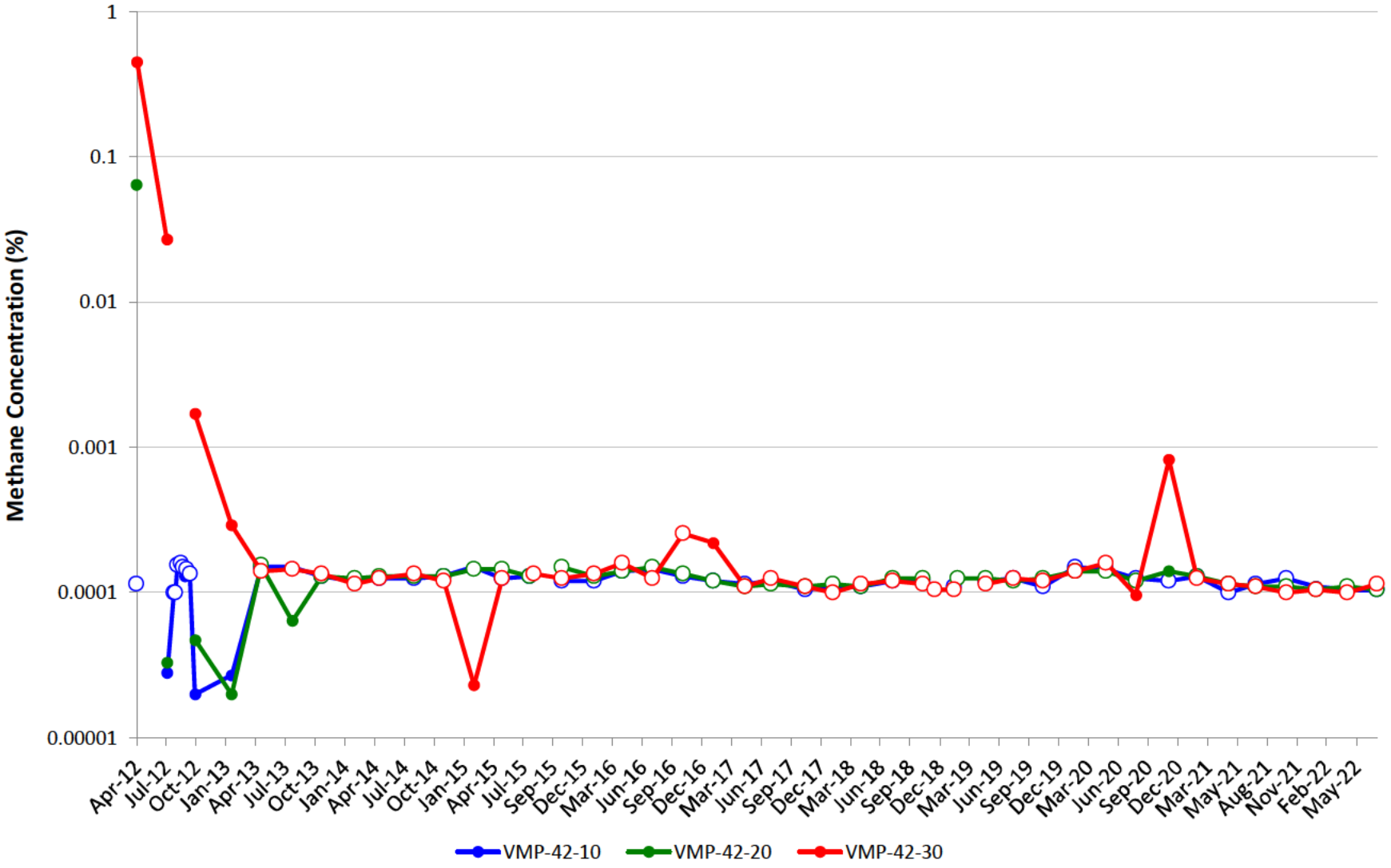
VMP-41

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.



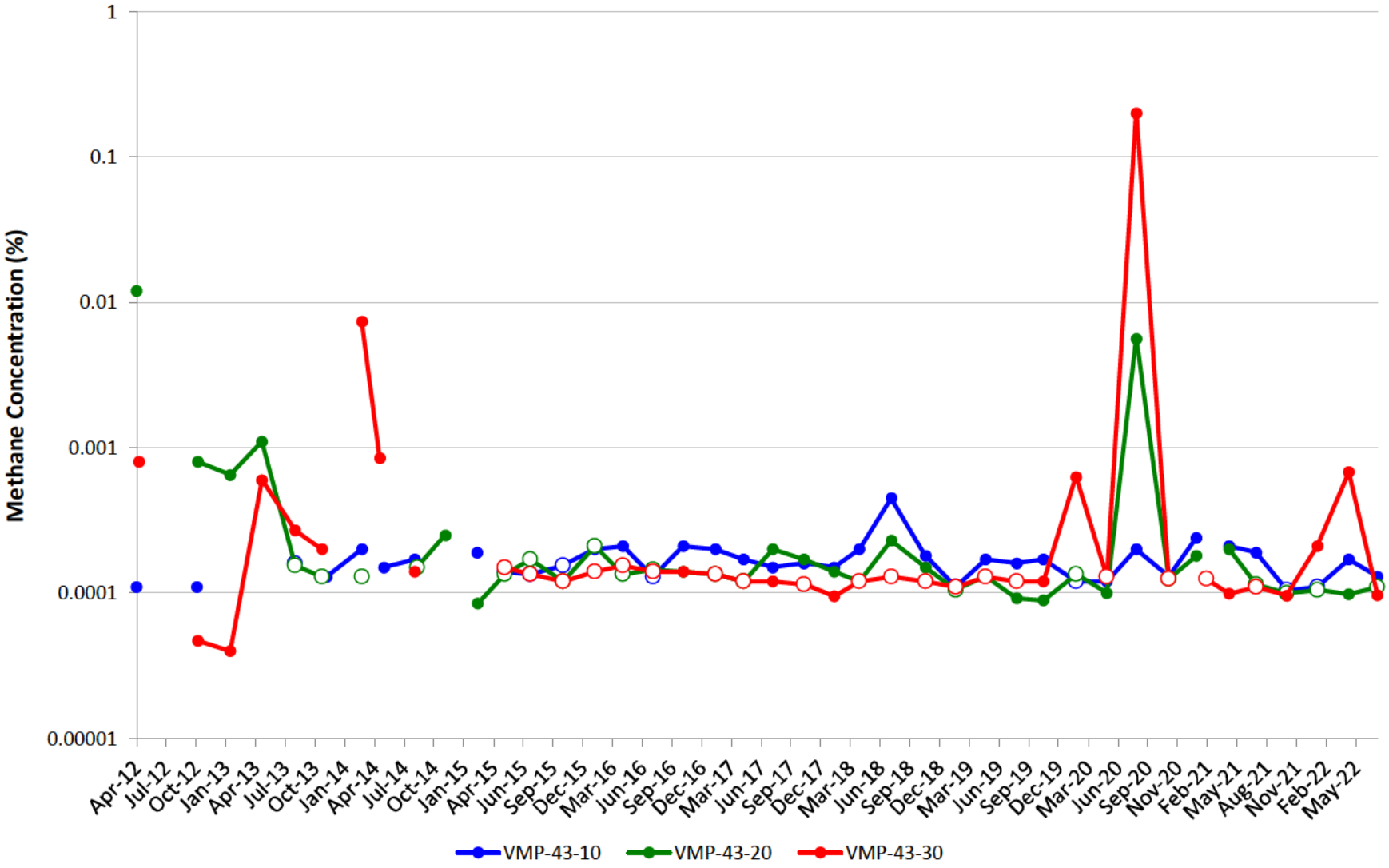
VMP-42

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.



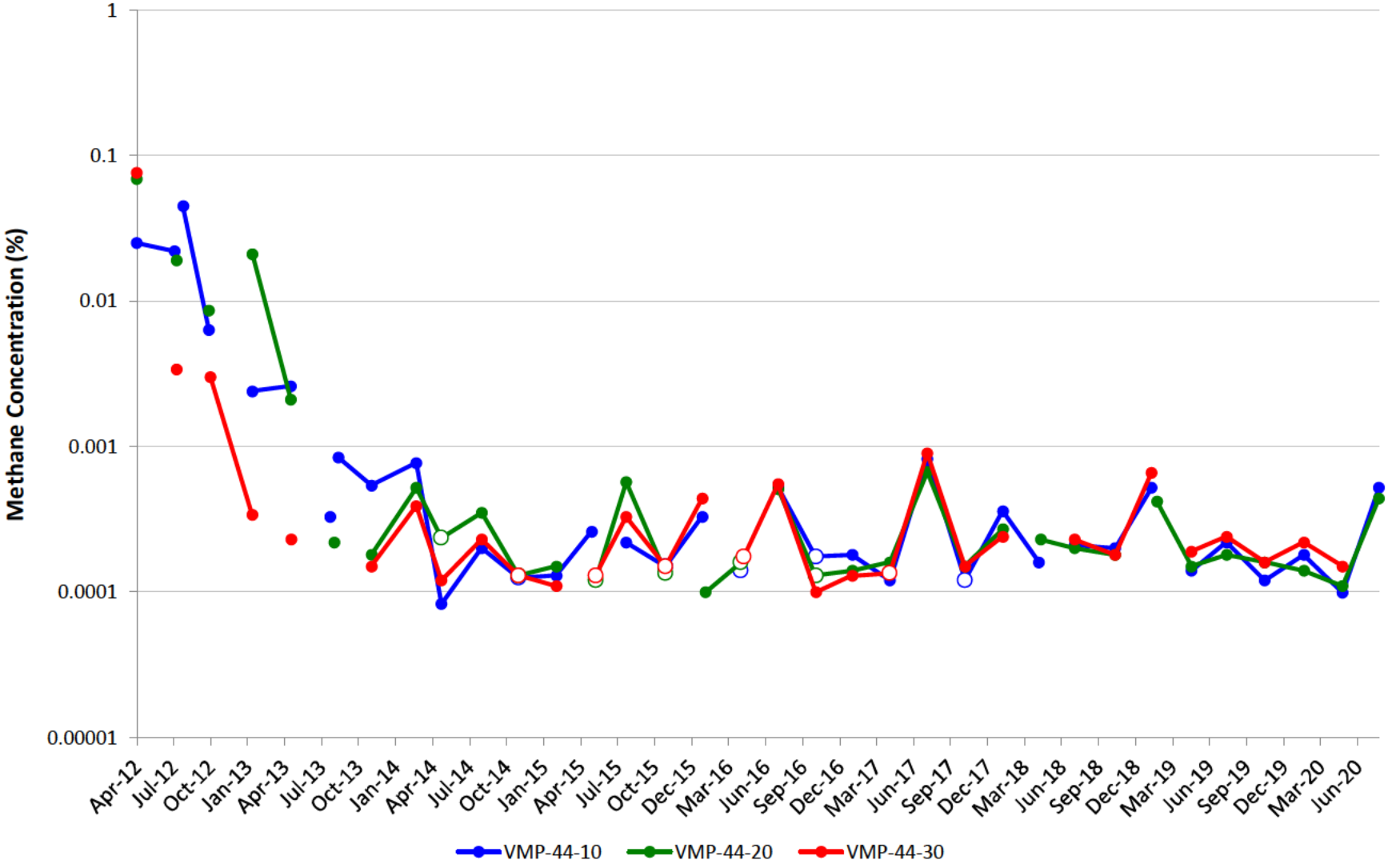
VMP-43

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.



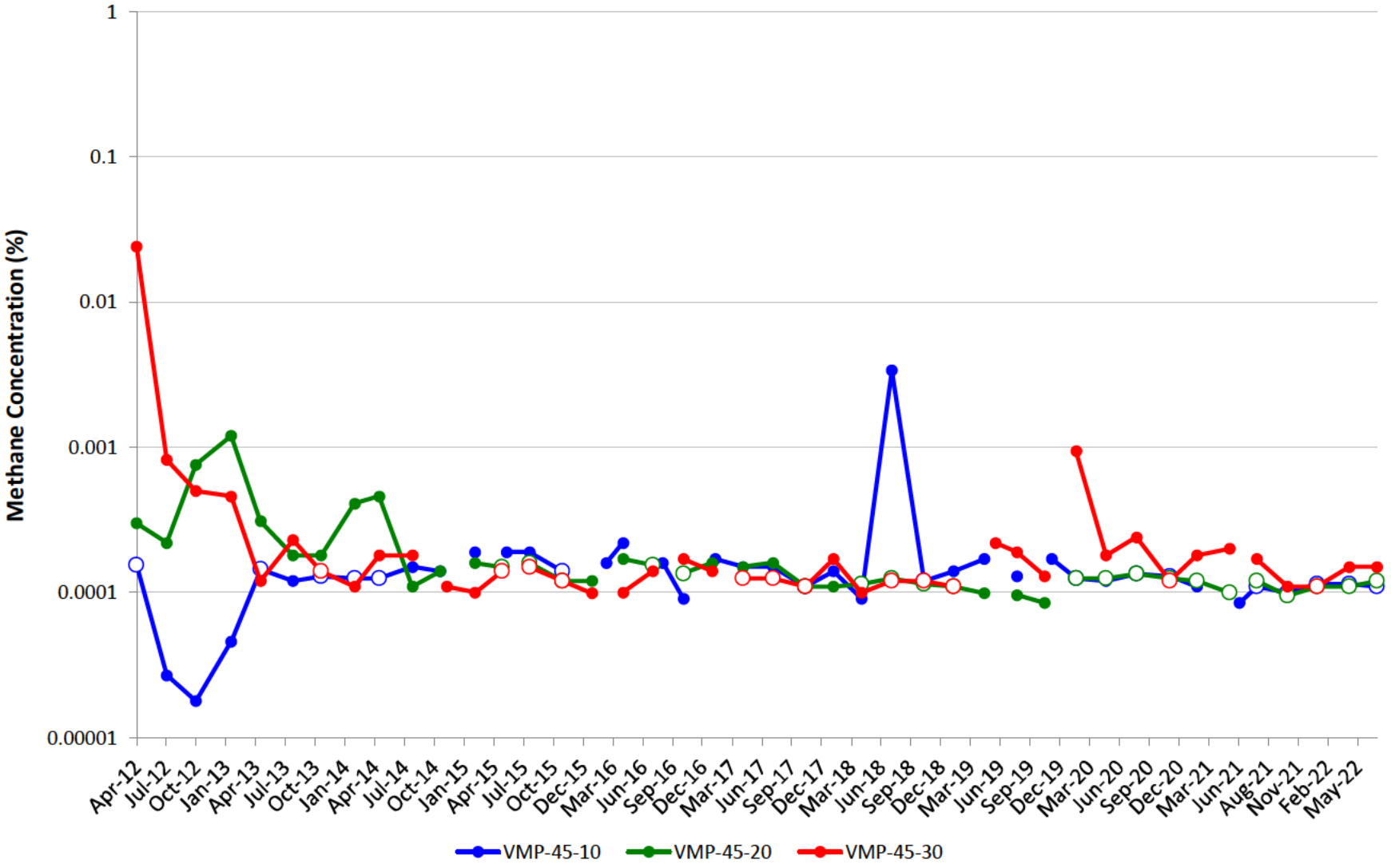
VMP-44

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.



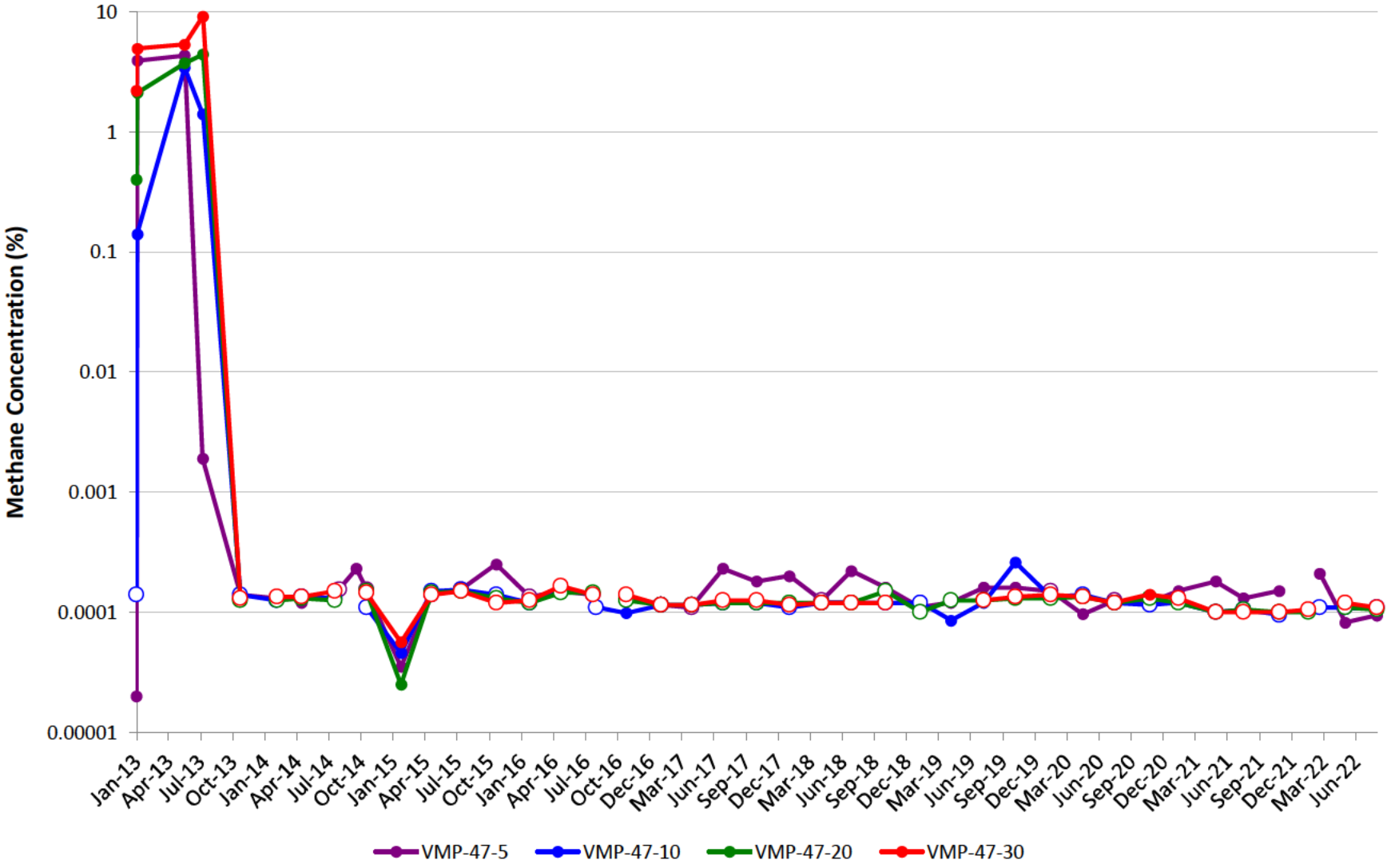
VMP-45

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.



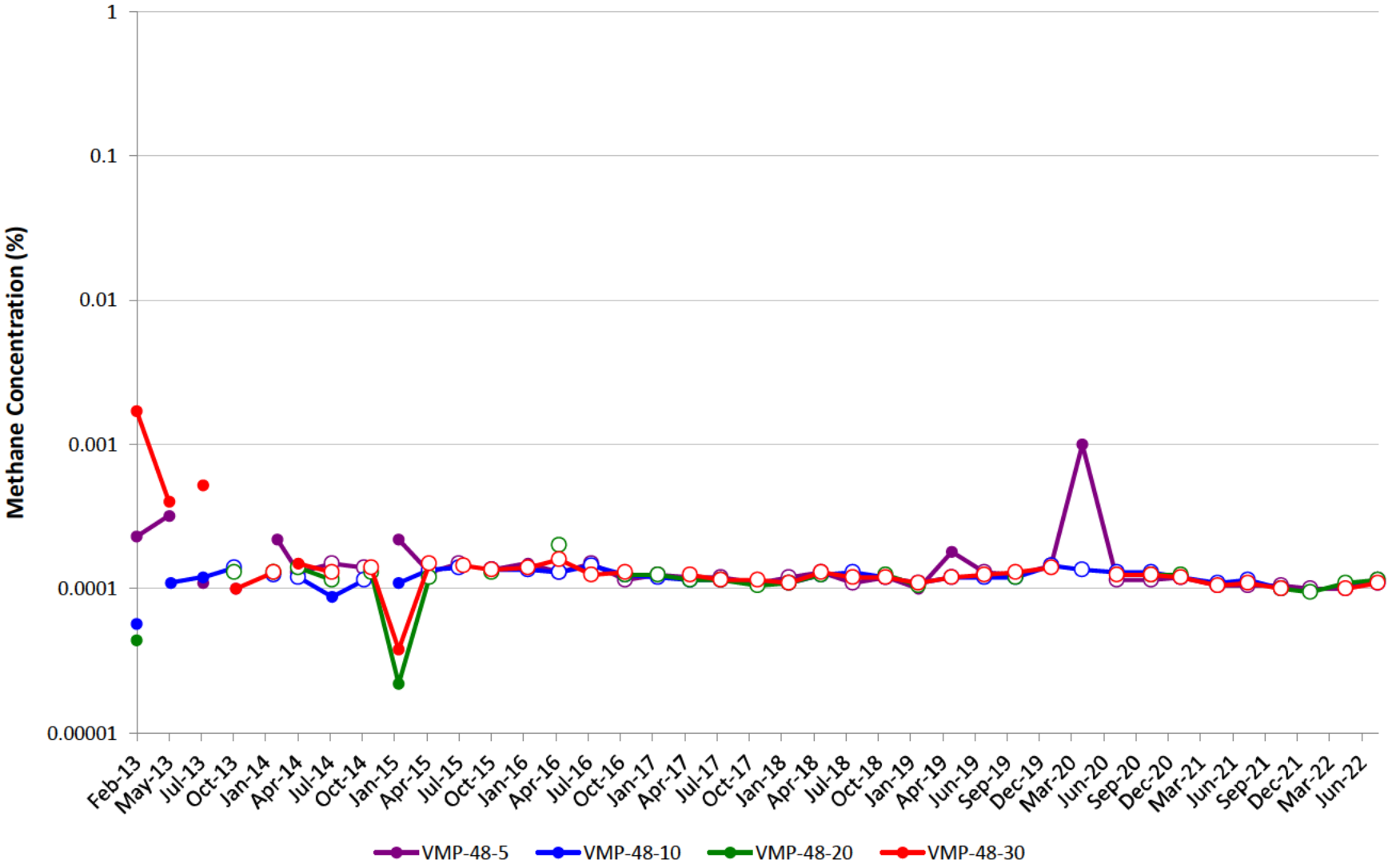
VMP-47

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.



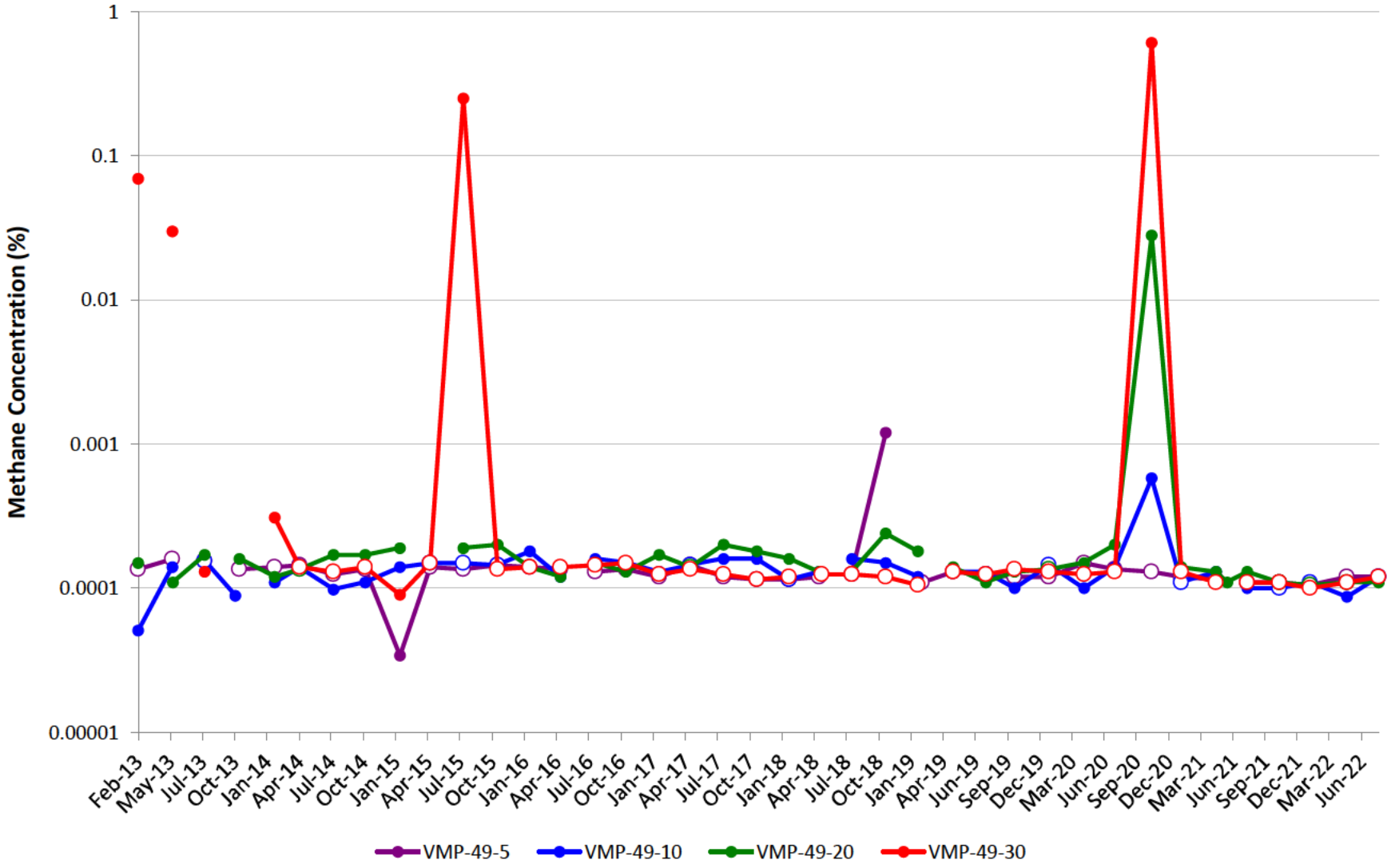
VMP-48

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.



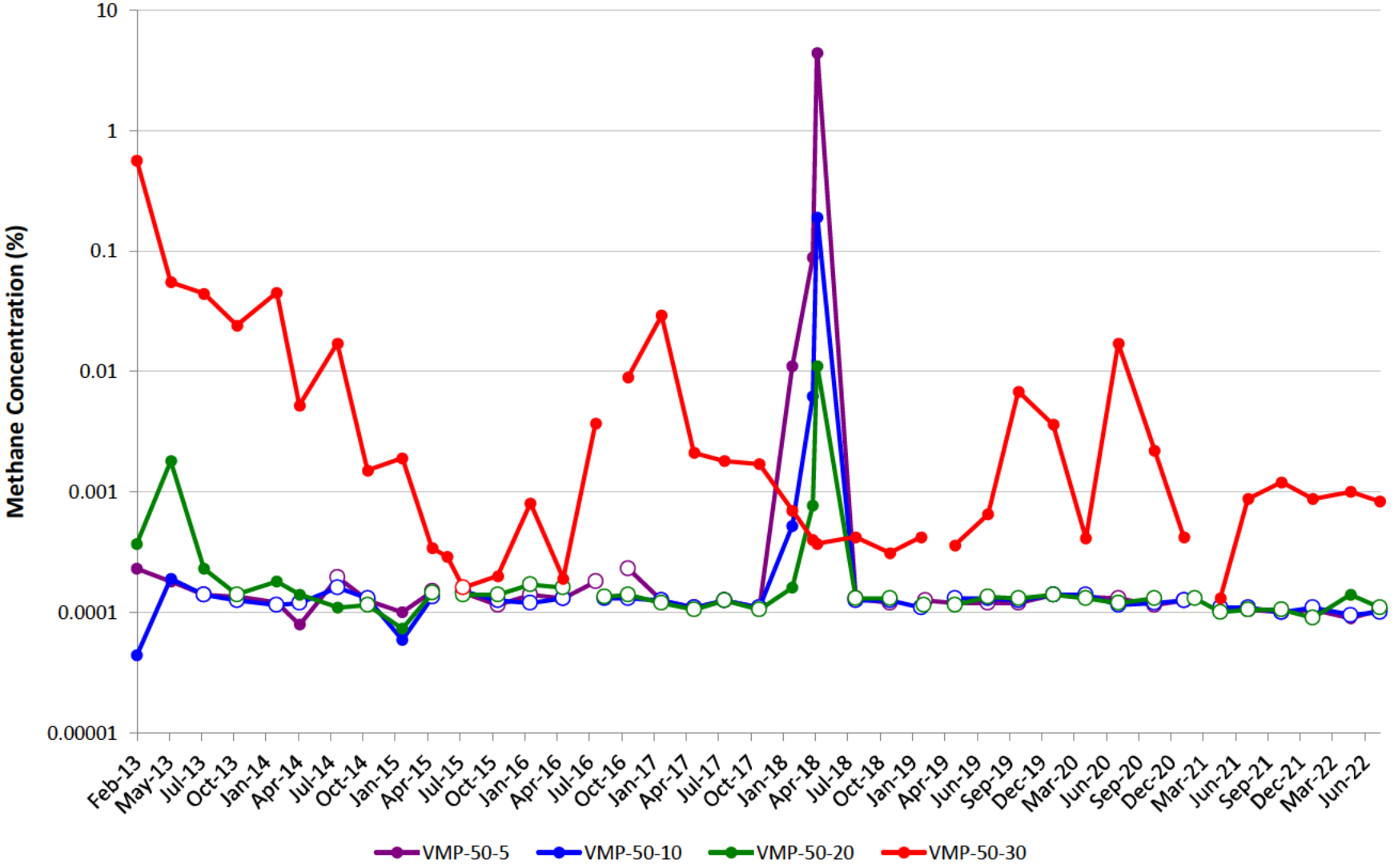
VMP-49

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.



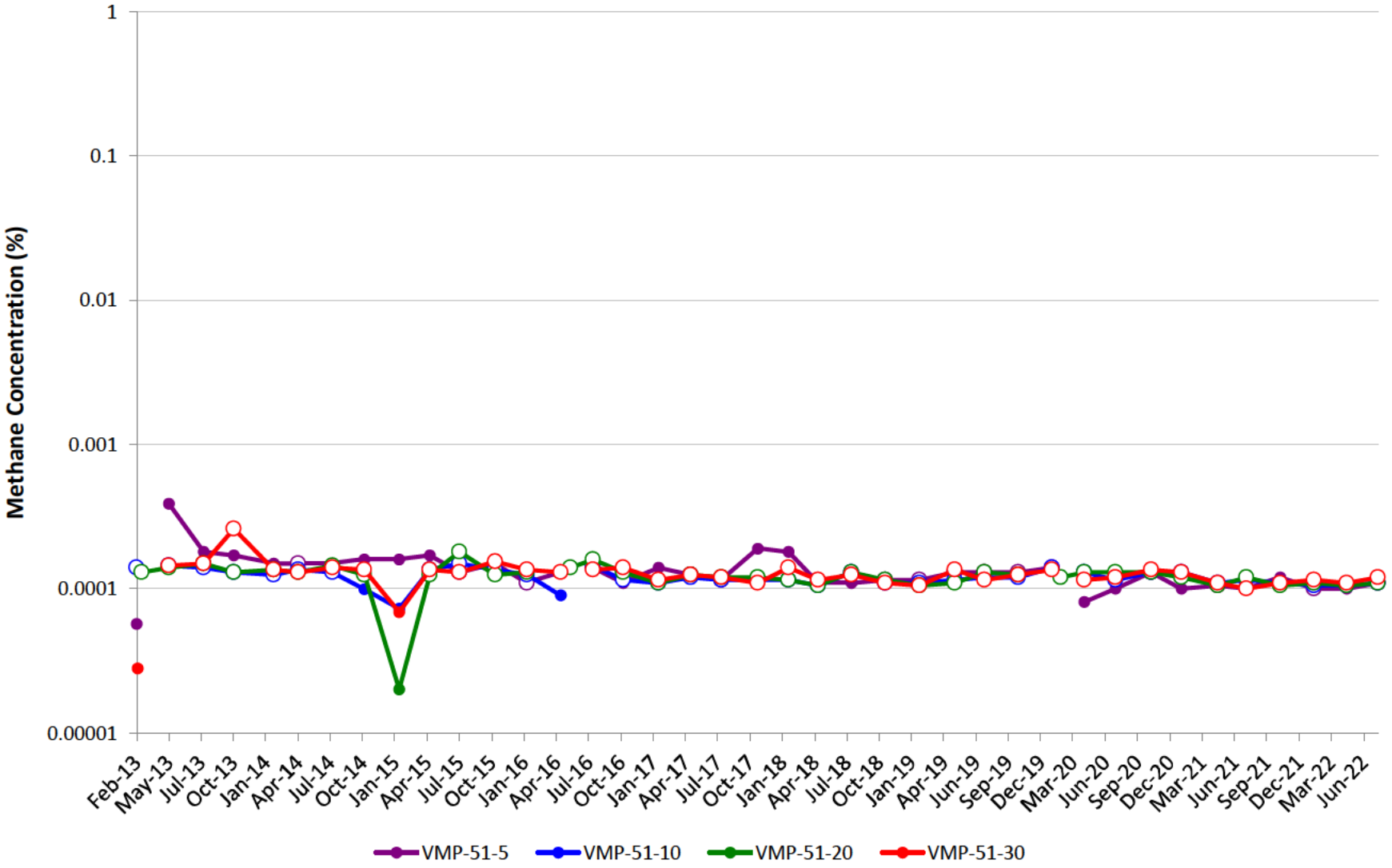
VMP-50

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.



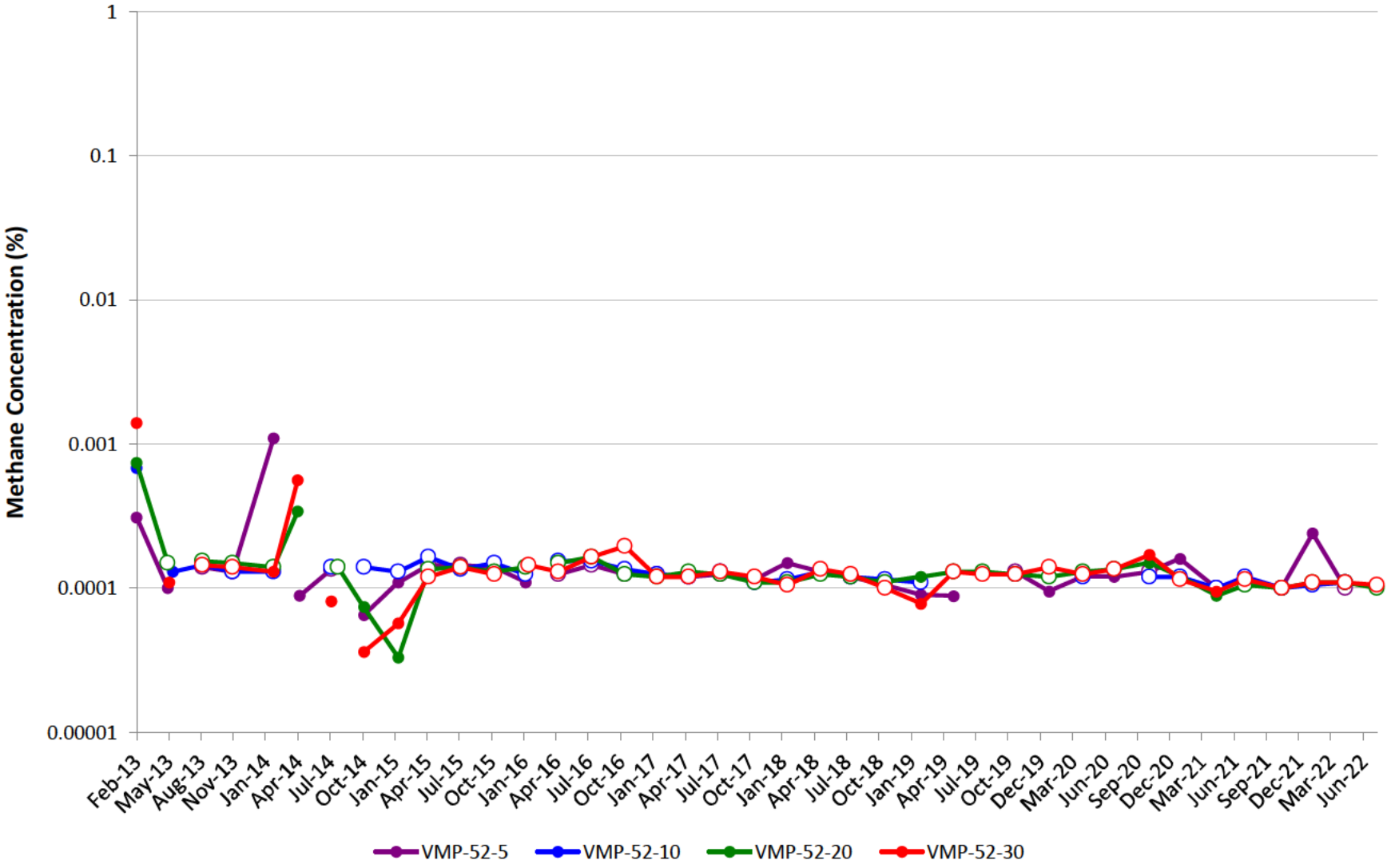
VMP-51

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.



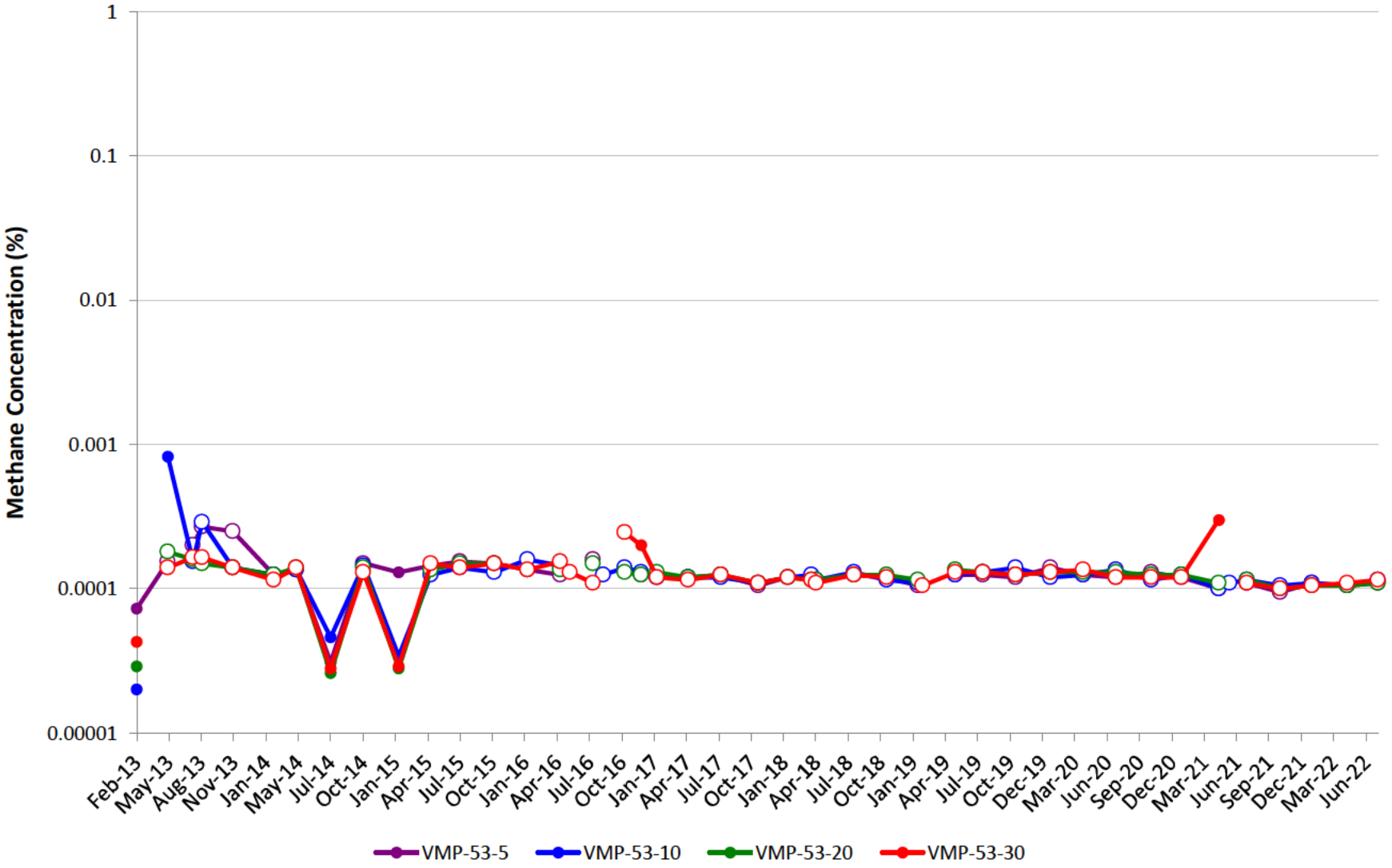
VMP-52

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.



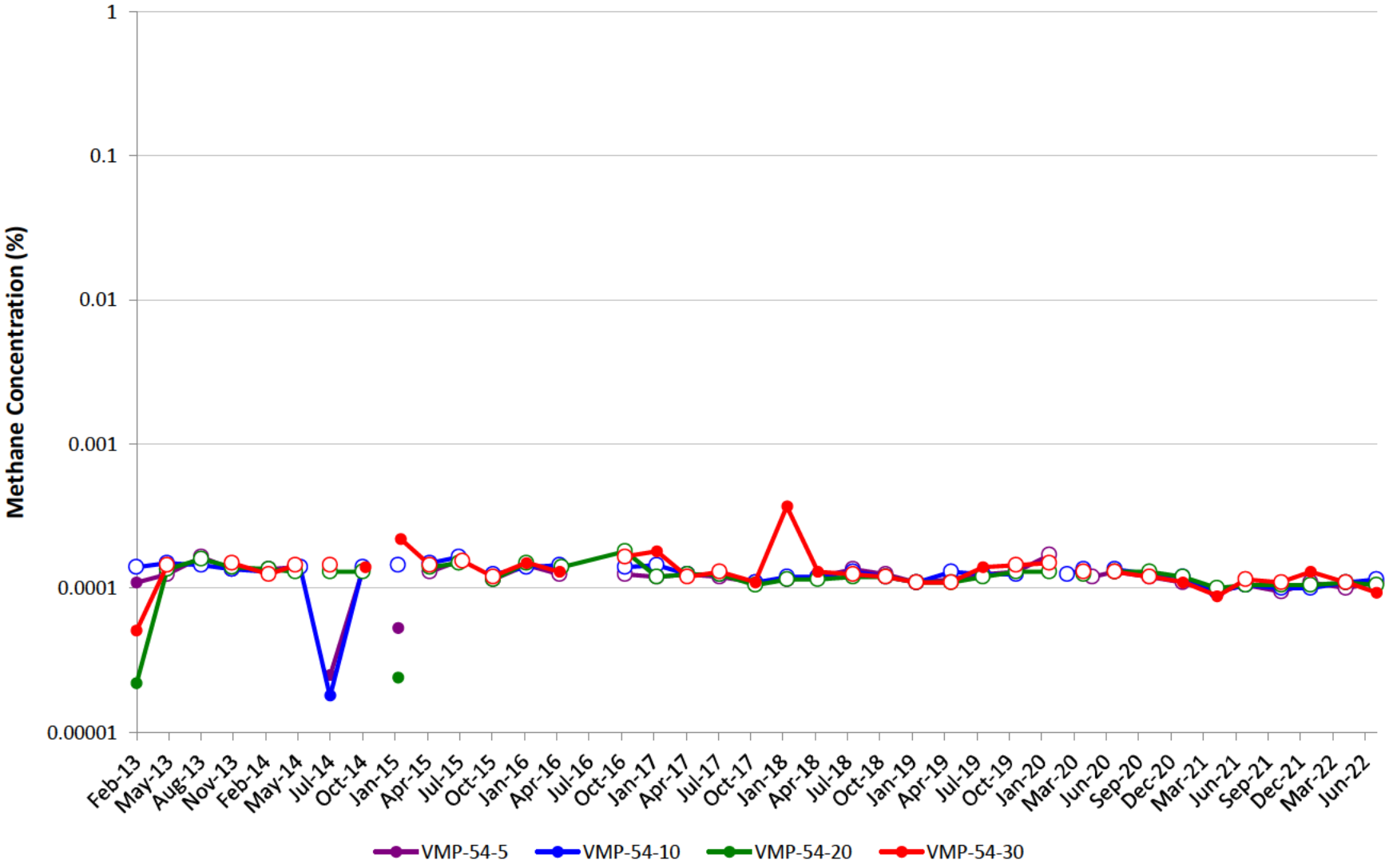
VMP-53

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.



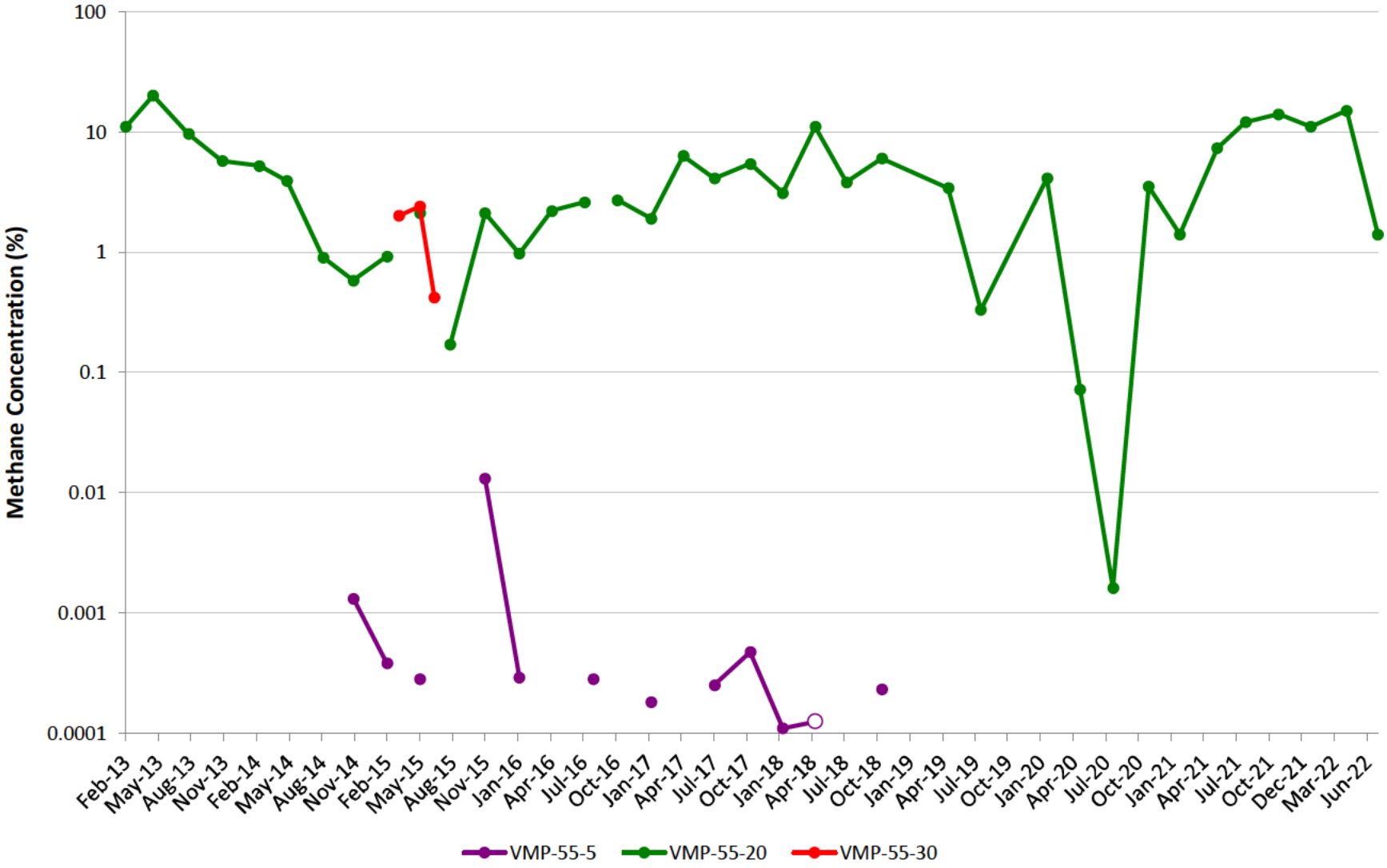
VMP-54

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.



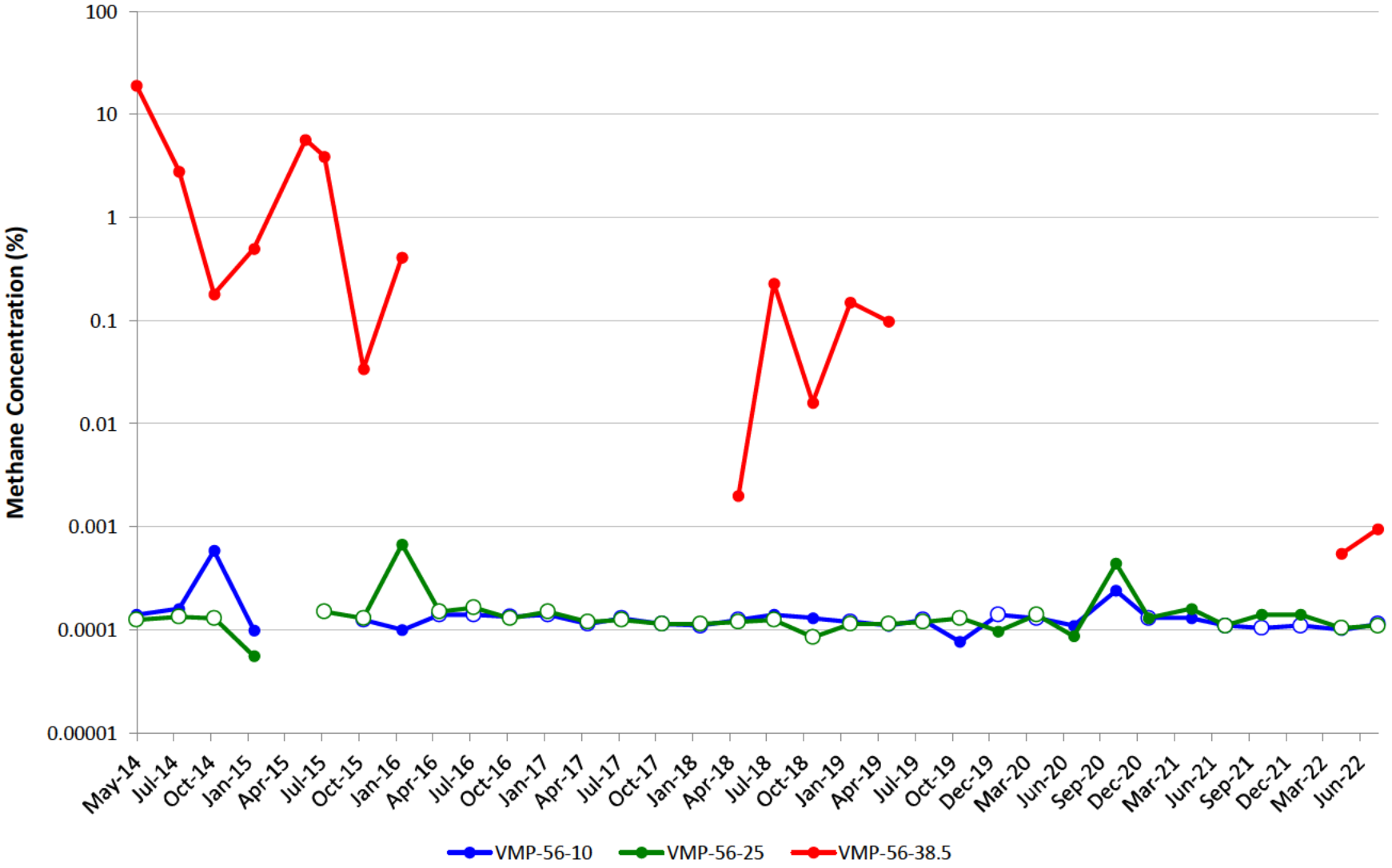
VMP-55

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.



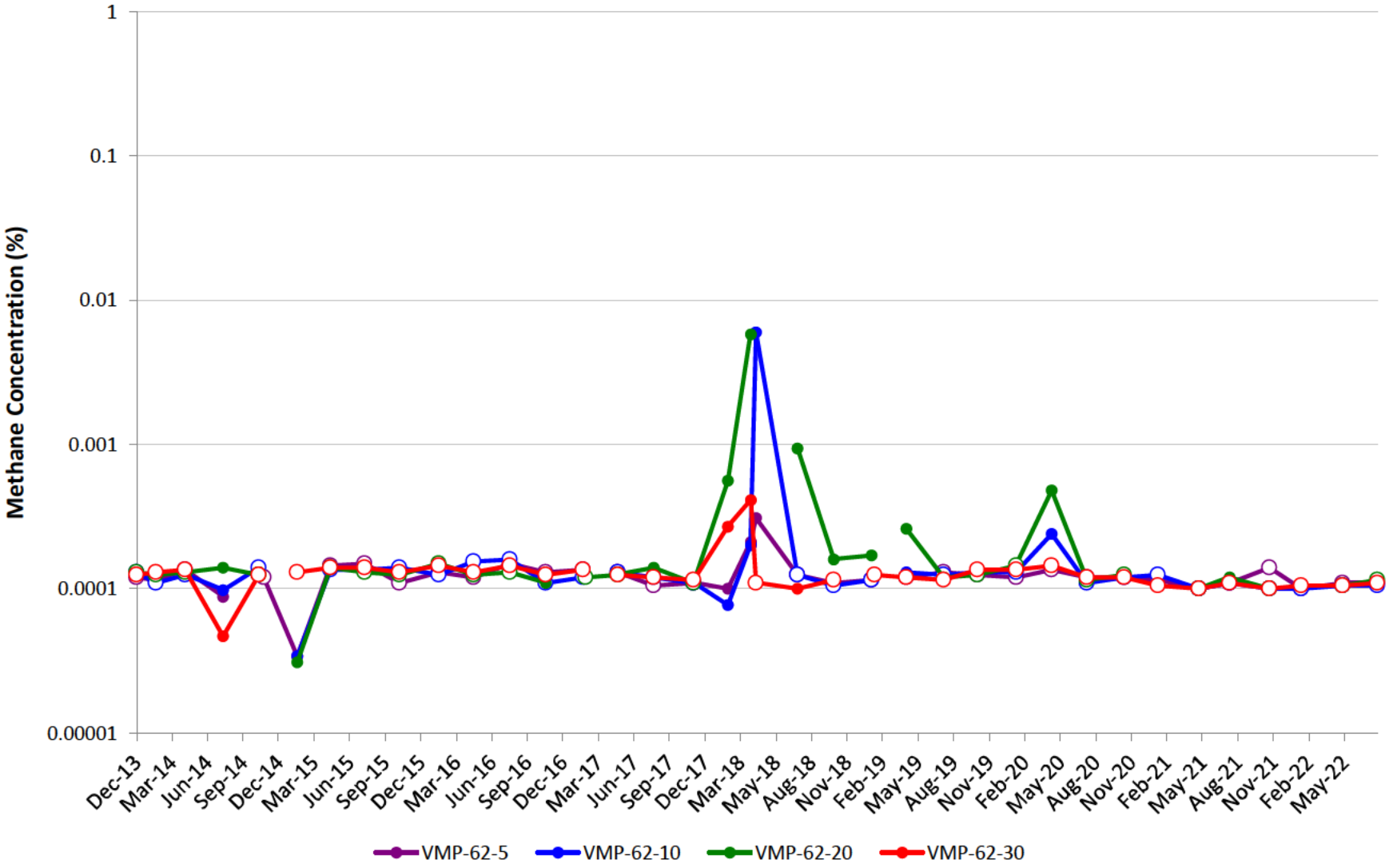
VMP-56

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.



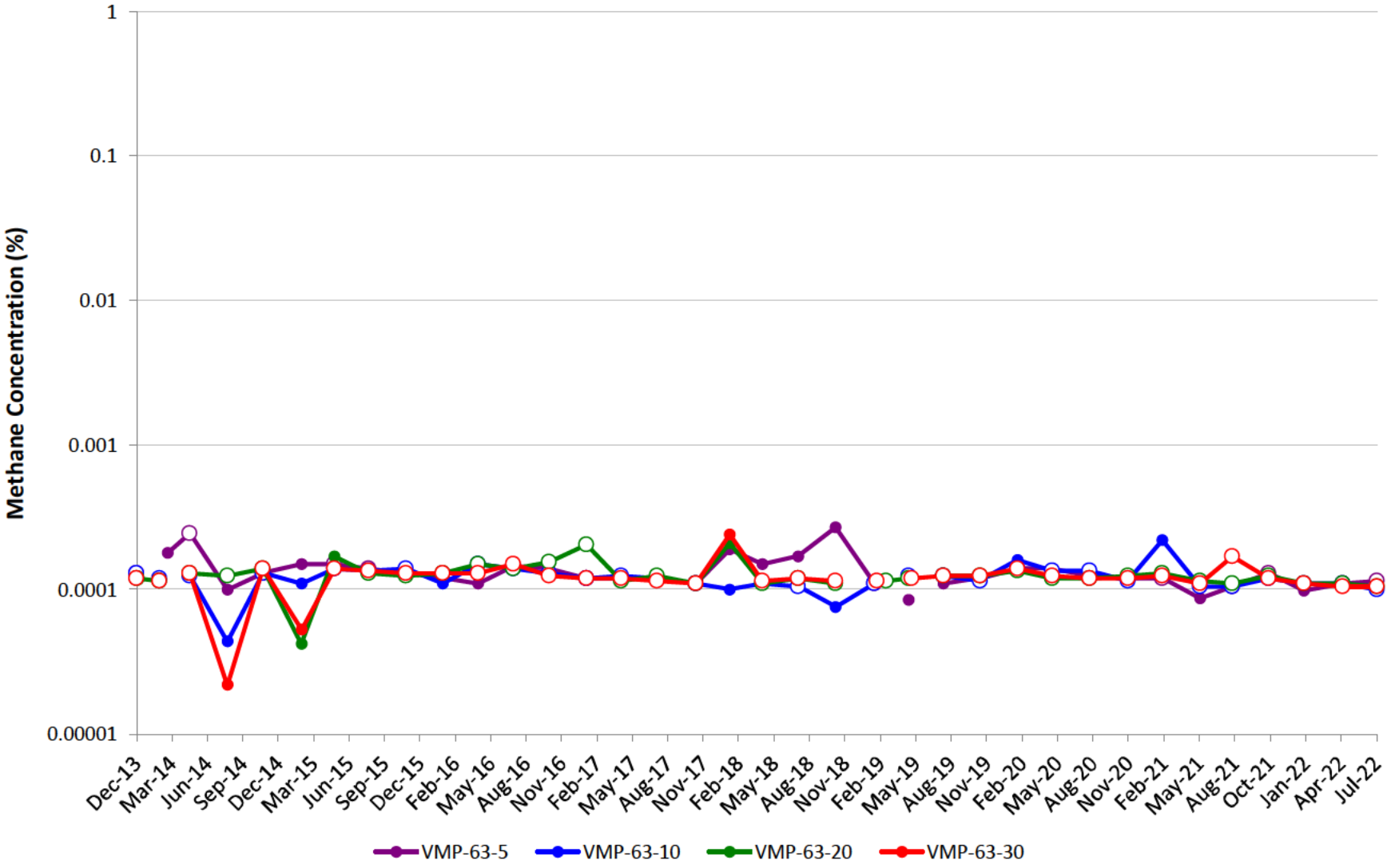
VMP-62

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.



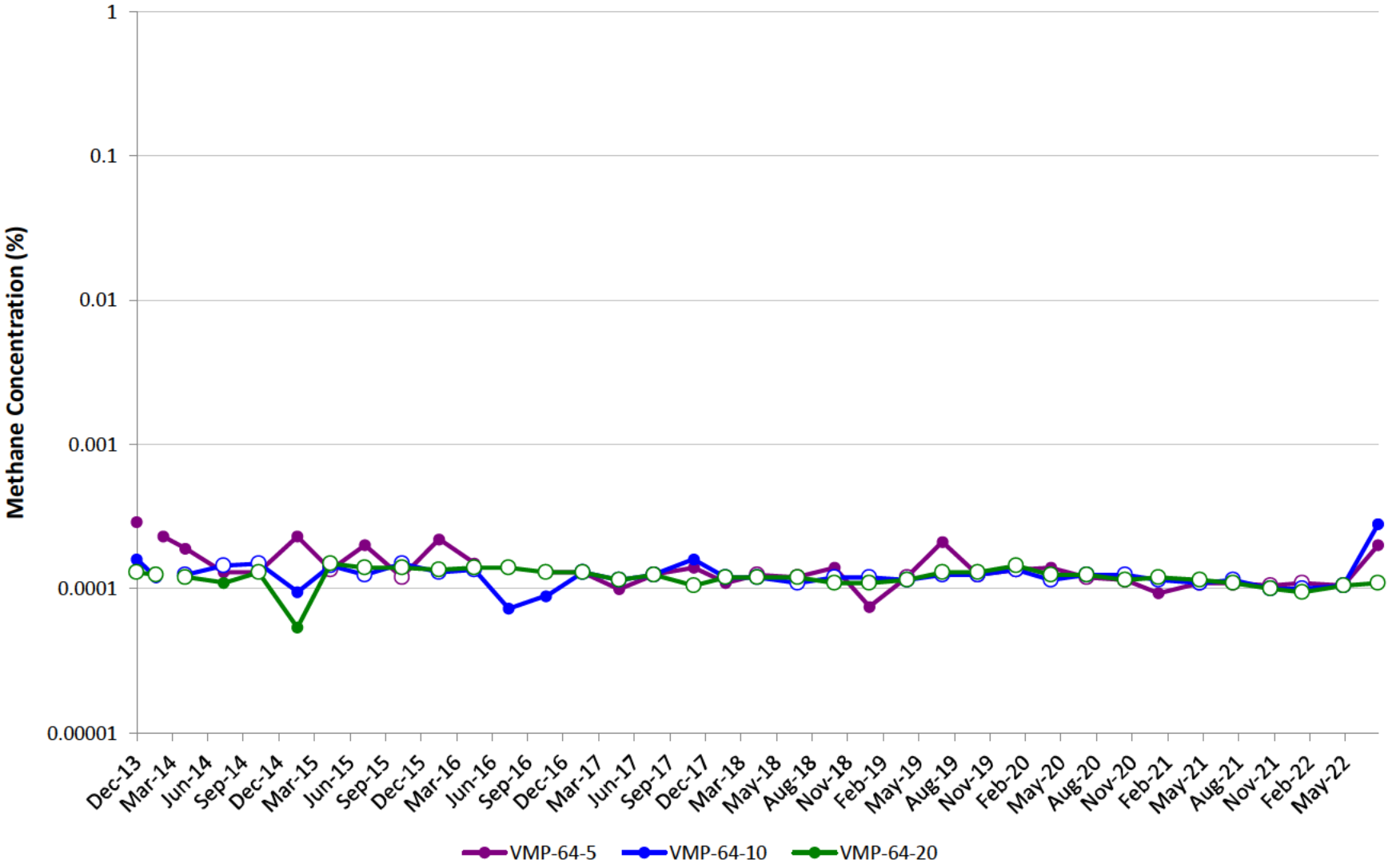
VMP-63

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 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.



Appendix C
SVE System Operating Efficiency and Maintenance Chronology

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY

July-22		Hours of Operation	August-22		Hours of Operation	September-22		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	17.43	3	24	24
4	24	24	4	24	13	4	24	24
5	24	24	5	24	24	5	24	24
6	24	24	6	24	24	6	24	24
7	24	22.87	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	24	9	24	24	9	24	24
10	24	24	10	24	24	10	24	24
11	24	24	11	24	24	11	24	24
12	24	24	12	24	14.5	12	24	24
13	24	24	13	24	0	13	24	24
14	24	24	14	24	0	14	24	24
15	24	24	15	24	0	15	24	23.13
16	24	24	16	24	0	16	24	24
17	24	24	17	24	0	17	24	24
18	24	24	18	24	0	18	24	24
19	24	23.58	19	24	6.27	19	24	24
20	24	24	20	24	24	20	24	24
21	24	24	21	24	24	21	24	24
22	24	24	22	24	24	22	24	24
23	24	24	23	24	24	23	24	24
24	24	24	24	24	24	24	24	24
25	24	24	25	24	22.18	25	24	24
26	24	24	26	24	24	26	24	24
27	24	24	27	24	24	27	24	24
28	24	24	28	24	24	28	24	24
29	24	24	29	24	24	29	24	23.57
30	24	24	30	24	22.7	30	24	24
31	24	24	31	24	24			
Totals	**744**	**742.45**	**Totals**	**744**	**552.08**	**Totals**	**720**	**718.7**
% Up Time		**99.79%**	**% Up Time**		**74.20%**	**% Up Time**		**99.82%**

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **July 05, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **July 07, 2022– 800 hour maintenance –** Replaced WFL VLS filter and pre-filter, replaced blower pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.

- **July 11, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **July 18, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **July 19, 2022–** Replaced WFL VLS pre-filter.

- **July 25, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **August 1, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **August 4, 2022– 800 hour maintenance –** Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Cleaned both WFL and PW VLS units. Tested AST, VLS and process room floats.

- **August 8, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **August 12, 2022–** Shut down RTO to allow for cooling prior to combustion media replacement.

- **August 15, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **August 19, 2022–** Replaced RTO ceramic combustion media and turned on RTO.

- **August 22, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **August 25, 2022–** Replaced system fan belts and adjust system fan pulleys. Power Supply Industries inspected system fan and air compressor.

- **August 29, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **September 7, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line. Replaced two I-bolts and the right shock absorber in SVE-39 vault lid.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **September 12, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **September 15, 2022– 800 hour maintenance –** Replaced WFL VLS filter and pre-filter, replaced PW VLS filter and pre-filter, replaced blower pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.

- **September 19, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **September 26, 2022–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **September 29, 2022–** Replaced WFL VLS pre-filter and PW VLS pre-filter.

Appendix D
SVE System Leg Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX D
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow[1] (SCFM)	Blue Leg Flow[1] (SCFM)	Green Leg Flow[1] (SCFM)	Teal Leg Flow[1] (SCFM)	Purple Leg Flow[1] (SCFM)	Brown Leg Flow[1] (SCFM)
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
1/6/2022	164	0	0	154	64	0
1/10/2022	137	0	0	214	98	0
1/17/2022	130	0	0	206	126	0
1/25/2022	154	0	0	58	132	0
2/1/2022	151	0	0	55	128	0
2/8/2022	148	0	0	46	131	0
2/15/2022	145	0	0	50	98	0
2/22/2022	144	0	0	56	118	0
3/1/2022	131	20	0	113	115	0
3/8/2022	150	25	0	145	102	0
3/15/2022	140	32	0	145	142	0
3/23/2022	131	43	0	137	112	0
3/29/2022	131	21	0	112	94	0
4/5/2022	141	8	0	133	88	0
4/14/2022	144	25	0	29	140	0
4/19/2022	154	41	0	63	135	0
4/25/2022	152	0	0	54	139	0
5/2/2022	126	83	0	52	123	0
5/10/2022	150	89	0	52	151	0
5/17/2022	147	90	0	57	164	0
5/23/2022	164	53	0	51	129	0
6/1/2022	153	50	0	52	140	0
6/7/2022	148	53	0	53	131	0
6/14/2022	147	55	0	51	149	0
6/20/2022	151	52	0	52	160	0
6/28/2022	152	52	0	48	149	0

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APPENDIX D
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow[1] (SCFM)	Blue Leg Flow[1] (SCFM)	Green Leg Flow[1] (SCFM)	Teal Leg Flow[1] (SCFM)	Purple Leg Flow[1] (SCFM)	Brown Leg Flow[1] (SCFM)
7/6/2022	147	53	0	53	124	0
7/12/2022	151	55	0	53	119	0
7/20/2022	141	38	0	41	106	0
7/27/2022	149	54	0	52	105	0
8/2/2022	151	54	0	56	96	0
8/9/2022	149	54	0	62	101	0
8/23/2022	153	52	0	59	117	0
9/1/2022	149	53	0	61	116	0
9/6/2022	147	52	0	56	109	0
9/13/2022	145	56	0	54	125	0
9/20/2022	146	35	0	40	121	0
9/27/2022	141	52	0	56	116	0

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

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

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

[4]Blue Leg was shut off on May 25, 2021, and re-opened on February 28, 2022.

Appendix E
Total Header Hydrocarbon Concentrations

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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
1/6/2022	17,200	11,300
1/10/2022	18,100	10,200
1/17/2022	16,700	8,884
1/25/2022	13,400	7,222
2/1/2022	16,200	9,300
2/8/2022	17,000	9,600
2/15/2022	13,400	10,200
2/22/2022	18,800	10,300
3/1/2022	16,400	17,700
3/8/2022	14,200	18,200
3/15/2022	17,700	20,700
3/23/2022	14,200	19,200
3/29/2022	17,200	22,000
4/5/2022	20,700	30,800
4/14/2022	21,600	60,570
4/19/2022	23,800	56,310
4/25/2022	24,200	61,650
5/2/2022	21,200	66,260
5/10/2022	20,900	54,270
5/17/2022	27,300	61,400
5/23/2022	25,300	58,740
6/1/2022	26,500	54,160
6/7/2022	25,200	66,370
6/14/2022	24,900	48,280
6/20/2022	25,900	47,320
6/28/2022	25,500	50,500

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APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
7/6/2022	21,300	51,190
7/12/2022	19,900	48,200
7/20/2022	21,300	59,420
7/27/2022	20,200	65,860
8/2/2022	20,100	43,210
8/9/2022	20,400	67,910
8/23/2022	16,900	61,640
9/1/2022	23,500	49,550
9/6/2022	22,300	45,570
9/13/2022	23,100	49,520
9/20/2022	23,500	45,700
9/27/2022	23,400	41,530

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

Appendix F
SVE System Flow Rates

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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
1/6/2022	228	154
1/10/2022	235	214
1/17/2022	256	206
1/25/2022	285	58
2/1/2022	280	55
2/8/2022	280	46
2/15/2022	243	50
2/22/2022	262	56
3/1/2022	266	113
3/8/2022	278	145
3/15/2022	314	145
3/23/2022	286	137
3/29/2022	245	112
4/5/2022	236	133
4/14/2022	308	29
4/19/2022	330	63
4/25/2022	291	54
5/2/2022	331	52
5/10/2022	391	52
5/17/2022	402	57
5/23/2022	346	51
6/1/2022	342	52
6/7/2022	332	53
6/14/2022	351	51
6/20/2022	363	52
6/28/2022	353	48

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APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
7/6/2022	324	53
7/12/2022	326	53
7/20/2022	285	41
7/27/2022	308	52
8/2/2022	301	56
8/9/2022	303	62
8/23/2022	321	59
9/1/2022	319	61
9/6/2022	308	56
9/13/2022	325	54
9/20/2022	302	40
9/27/2022	309	56

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

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