



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 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 IEPA Permit Log No. B-43R
☐ RFI Phase II Workplan/Report Date of Last IEPA Letter on Project April 8, 2025
☐ CMP Report; Log No. of Last IEPA Letter on Project B-43R-CA-111
☒ Other (describe): Soil Vapor Sampling and SVE Monitoring Report - 1st Quarter 2025 Does this submittal include groundwater information: ☒ Yes ☐ No

Date of Submittal May 12, 2025

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

Soil Vapor Sampling and SVE Monitoring Report for the 1st Quarter 2025 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 Report dated 5/12/2025. Copy of submittal also sent directly to G. Ko, T. Halteman, and A. Al-Janabi of IEPA.

For: Roxana, IL 1Q25 SV-SVE ReportDate of Submission: 5/12/2025**7.0 Certification Statement**

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

7.1 Owner/Operator Certification

(Must be completed for all submittals. Certification and signature requirements are set forth in 35 IAC 702.126.) All submittals pertaining to the corrective action requirements set forth in a RCRA Permit must be signed by the person designated below (or by a duly authorized representative of that person):

1. For a Corporation, by a principal executive officer of at least the level of vice president.
2. For a Partnership or Sole Proprietorship, by a general partner or the proprietor, respectively.
3. For a Governmental Entity, by either a principal executive officer or a ranking elected official.

A person is a duly authorized representative only if:

1. the authorization is made in writing by a person described above; and
2. the written authorization is provided with this submittal (a copy of a previously submitted authorization can be used).

Owner Signature: _____

Date: _____

Title: _____

Operator Signature: _____

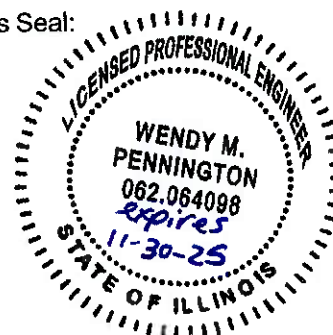
Date: 5/8/2025Title: Senior Program Manager**7.2 Professional Certification (if necessary)**

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 PenningtonDate: 5/2/2025Professional's Name Wendy PenningtonAddress 100 N. Broadway, 20th Floor

Professional's Seal:

City St. LouisState MO Zip Code 63102Phone 314-452-8929

IEPA RCRA Corrective Action Certification
For: Roxana, Illinois 1Q25 SV-SVE Report.
Date of Submission: 5/12/2025

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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 Sepideh Saeed

Sepideh Saeed

Signature of Laboratory Responsible Officer

Date: 04/22/25

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

May 12, 2025

Mr. Joshua Rhoades, PE
Manager, Permit Section
Illinois Environmental Protection Agency
Division of Land Pollution Control
Bureau of Land
2520 W. Iles Avenue
Springfield, Illinois 62704

Soil Vapor Sampling and SVE Monitoring Report – 1st Quarter 2025
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Rhoades:

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 Gary Ko 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

cc:

Leroy Bealer, Shell
Megan Lipscomb, Phillips 66
Gary Ko, IEPA, Springfield
Ali Al-Janabi, IEPA, Collinsville
Yuping Ding, Illinois Department of Public Health
Repositories – Roxana Public Library, website

1st Quarter 2025 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, IL

Prepared for:
Equilon Enterprises LLC dba Shell Oil Products US

Project number: 60738191

April 2025

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 1st Quarter 2025 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 investigations have 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 in **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, British Petroleum [BP], etc.).

The water table encountered during the 1st Quarter 1Q25 (1Q25) was at a depth of approximately 29 to 46 feet bgs (approximate elevation of 398.1 to 401.6 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 25 to 40 foot thick vadose (unsaturated) zone in the sand. Groundwater levels in most wells in the vicinity of the West Fenceline have fallen approximately 0.15 ft since the 4Q24 gauging event. Water level measurements collected during the 1Q25 groundwater gauging event and historical water level measurements collected over the current quarter and previous three quarters 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 in **Figures 3 and 4** show a slight mounding in this area.

The potentiometric surface observed during the 1Q25 comprehensive groundwater monitoring well gauging¹ (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 1Q25.

¹ 1Q25 comprehensive groundwater monitoring well gauging performed January 13-15, 2025.

3 Soil Vapor Sampling and Analytical Procedures

The 1Q25 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 1Q25 soil vapor sampling event was conducted January 31 – February 11, and March 21, 2025, and was the 59th quarterly sampling event performed since the IEPA requirement for quarterly soil vapor sampling began in 3rd Quarter 2010.

3.1 Vapor Monitoring Port Sampling

The soil vapor sampling network currently consists of 61 VMP locations (**Figure 2**), of which 44 locations are currently being utilized for quarterly sampling. VMPs in the quarterly sampling program are generally screened at four depths² at each location. The individual VMPs are labeled and color-coded in the field from shallow to deep by using the color scheme of yellow (1st interval), blue (2nd interval), green (3rd interval), and red (4th interval). Additional VMPs installed as part of a supplemental sampling event in 2nd Quarter 2010 (2Q10) are color-coded white (10-foot depth). Vapor ports installed during 3Q11 and 4Q11 do not have the shallow (5-foot depth) port included and begin with the blue interval port. Soil VMP depths are provided in **Table 2**.

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 11 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 1Q25; details are provided below.

- One 1st interval VMP, VMP-55-5, held vacuum during the attempted purge and was most likely submerged. The screen for VMP-55-5 is within fill material, and it is not unusual for shallow water to be trapped in the fill.
- One 2nd interval VMP, VMP-55-10, held vacuum during the attempted purge and was most likely submerged. The screen VMP-55-10 is within fill material, and it is not unusual for shallow water to be trapped in the fill.
- One 3rd interval VMP, VMP-25-21 held vacuum during the attempted purge and was most likely submerged.
- Eight 4th interval VMPs, VMP-4-39, VMP-11-38, VMP-13-29.5, VMP-21-33, VMP-24-34, VMP-55-30, and VMP-64-28 held vacuum during the attempted purge and were most likely submerged.

VMP Screens within Capillary Fringe Soil Layer – Condition 3.d of IEPA's March 13, 2023 letter states soil vapor samples must be collected "above the capillary fringe soil layer located 37.5 cm [1.23 ft] above the top of the groundwater." 1Q25 groundwater gauging results were compared to VMP screen elevations and it was determined that VMP-3-39 was within the capillary fringe in 1Q25 and therefore was not sampled.

VMPs that were submerged or within the capillary fringe and were not sampled during 1Q25 are identified in **Figure 4**.

Re-samples – VMP-2-8.5, VMP-25-5, and VMP-47-5 were re-sampled on March 21, 2025. These locations were re-sampled due to excess helium in the initial samples, as measured by the laboratory. The results from the re-samples were similar to historical results. Results from re-samples are presented in **Tables 5 through 7**. Results from the re-samples were modeled in **Figures 7, 8 and 9**.

Field measurements from this event and the previous three quarterly events are provided in **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 January 23, 2025 (AECOM, 2025a).

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 onto a chain-of-custody (COC) form and packaged in an UN-certified box to prevent damage during shipment. The samples were then delivered under the proper COC documentation to the laboratory. Due to the potential flammable nature of the vapor in the stainless-steel canisters, some soil vapor samples were shipped as hazardous materials according to applicable regulations.

Laboratory Testing

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

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

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

3.4 Data Quality Review and Data Management

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by AECOM. One hundred percent of the data were subjected to a data quality review. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2020). Specific criteria reviewed included sample receipt condition and holding times, method blanks, surrogate spike recoveries, laboratory control samples, results reported from dilutions, and field duplicate results. The laboratory assigned data qualifiers on the basis of their quality control or to indicate sample analysis information (e.g., dilutions). Data qualifiers were also added by AECOM, as appropriate, and are included on the data tables and laboratory result pages. Laboratory reports are included in the project files.

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

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

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 149 investigative samples (including 3 re-samples) plus 15 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 1Q25 sampling event:

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

No analytes were detected at or above the reporting limit for the first time at any VMP in 1Q25. 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 not detected in 106 of 124 samples. Benzene was detected above the RL in 2 of 124 samples and was estimated between the MDL and RL in 16 of 124 samples collected in the Village. Concentrations of benzene from locations within the Village ranged from an estimated 0.00058 mg/m³ (VMP-22-5) to 0.011 mg/m³ (VMP-45-30), with one outlier result of 0.29 mg/m³ (VMP-56-38.5; 38.5 ft bgs). The results for samples collected in the Village indicate that no samples exceeded the residential screening criterion (0.37 mg/m³).

Roxana Public Works Yard Area

Benzene was not detected in 21 of 29 samples. Benzene was detected above the RL in 3 of 29 samples and was estimated between the MDL and RL in 5 of 29 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 Public Works Yard Area ranged from an estimated 0.00058 mg/m³ (VMP-15-21.5) to 0.025 mg/m³ (VMP-14-29). The results of samples collected from the Roxana Public Works Yard and area along Illinois Route 111 and Rand Avenue indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m³) for benzene.

Wood River Refinery

Benzene was not detected in 3 of 8 samples collected in the WRR. Benzene was detected above the RL in 4 of 8 samples and 1 of 8 samples were estimated between the MDL and RL in the WRR. Concentrations of benzene ranged from an estimated 0.15 mg/m³ (VMP-16-13.5) to 48 mg/m³ (VMP-16-31). The results of samples collected in the WRR indicate that 3 samples exceeded the commercial/industrial screening criterion (2.8 mg/m³) for benzene (VMP-12-39, VMP-16-19, and VMP-16-31; 39 ft, 19ft, and 31 ft bgs, respectively).

1Q25 analytical exceedances for benzene and other TO-15 analytes in soil vapor for samples collected in all areas are depicted in **Figure 5**.

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). 1Q25 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 6** 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 40 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 1Q25. **Figures 7, 8, and 9** present a horizontal distribution of benzene at 5, 10, and 25 ft. bgs, respectively. Contour lines are not depicted on **Figures 7 and 8** as sample concentrations at the 5 and 10 ft. depths across the study area were below the residential screening criterion (0.37 mg/m³).

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program –1st Quarter 2025 Report (AECOM, 2025b). **Figure 10** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses, observed during the 1Q25 comprehensive monitoring well gauging, are presented in **Table 1** and shown in **Figure 10**.

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, 2025b). 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 – 1st Quarter 2025 Report; AECOM, 2025b). The approximate location of the release is shown on **Figures 2, 4, 5, 7 to 9, and 11**.

5 Soil Vapor Extraction System Monitoring

As requested in IEPA's September 13, 2012 letter (IEPA, 2012), this section addresses the operation of the SVE system. As such, the discussion in this section will address operation of the SVE system during 1Q25. 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 1Q25 can be found in **Appendix C**.

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

Steam Enhanced Extraction (SEE) System

The Former Public Works Yard SEE System began system testing and shakedown prior to full operations on July 17, 2024; however, injection was stopped on August 7, 2024, to allow for troubleshooting and repairs of various system components. Steam injection at full capacity began September 27, 2024. Steam injection and SEE vapor/liquid extraction were stopped on October 21, 2024 in order to perform system evaluations and maintenance. The SEE system remained shut down through the winter. SEE System vapor extraction was restarted March 28, 2025, but steam injection did not occur in 1Q25. The majority of information regarding the SEE system was included in the Construction Completion Report (AECOM, 2024d)) and will continue to be included in monthly progress reports. Some SEE system information will be included in the quarterly SV-SVE reports when applicable and in relation to the routine contents of the quarterly reports.

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 1Q25 (listed below) are shown on **Figure 11**.

- SVE wells operating during at least one effectiveness monitoring event in 1Q25 were:
 - SVE-20, SVE-28, SVE-30 through SVE-33, SVE-37 and SVE-39 located on WRR North Property.
 - SVE-21 and SVE-22 located in the Roxana Public Works Yard.
 - SVE-3R, SVE-45 and SVE-47 located in the Village.
 - Samples were collected from all operating SVE wells during 1Q25 effectiveness monitoring events.
- Forty-eight VMP locations were sampled monthly during 1Q25 with one duplicate sample taken per twenty samples.
 - VMP-1 through VMP-7, VMP-9, VMP-18, VMP-19, VMP-32, VMP-42, VMP-43, VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 are located in the Village.
 - VMP-12, VMP-33 through VMP-39, VMP-46, VMP-57 through VMP-61, and VMP-65 are located on WRR North Property.
 - VMP-10, VMP-11, VMP-13, VMP-14, VMP-17, 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**. The January, February and March 2025 Monthly SVE Effectiveness Monitoring events were the 156th, 157th, and 158th monthly SVE & VMP sampling events, respectively, performed since monthly monitoring began in 1st Quarter 2012.

Natural gas at VMP-64 – In 1Q25, methane concentrations above historical values were observed at VMP-64. Tedlar® sample data suggested natural gas as a potential source. On February 28, 2025, Ameren Illinois (Ameren), the local utility, was called to request an investigation of their natural gas line in the alley between 1st Street and Tydeman Avenue, adjacent to VMP-64. Ameren identified a class 3 gas utility line leak³ approximately 10 ft. west of VMP-64 and repaired the leak on March 4, 2025.

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 can be found in **Appendix D**.

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

- WFL header concentrations and mass removal quantities were nearly the same in 1Q25 compared to 4Q24. The PW header was operated until March 25, 2025, when it was closed in advance of SEE system restart activities. System downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 1Q25 no LNAPL was observed in SVE-45.

5.4 SVE System Operation Evaluation

January			February			March		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	743.45 hours	99.93%	672 hours	652.55 hours	97.11%	744 hours	715.3 hours	96.14%

During 1Q25 the SVE system experienced two periods of unplanned downtime:

- January 21, 2025, the system shut down due to a WFL AST high float alarm. Total downtime was 1 minute.
- February 16-17, 2025, the system shutdown due to a PW AST high float alarm. Total downtime was 19 hours and 27 minutes.

The remainder of downtime in 1Q25 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 1Q25 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 were closed in 1Q25. The manual dilution valve is also typically adjusted in small increments (usually <5%) and the system is closely monitored following system adjustments. SVE system blower speed was adjusted during 1Q25. 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**. An FID calibrated with methane gas was used to measure total hydrocarbon concentrations in samples collected from the WFL Header and the Public Works Header. Total header hydrocarbon concentrations are included in **Appendix E**.

Total soil vapor flow rates were determined by calculating flow rates for the individual SVE legs that carry vapors from the SVE wells to the treatment system. Pressure, differential pressure, and temperature were measured in each leg. This data and Equation 2.7 and Equation 2.8 from USEPA Test Method 2 "Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)" (Method 2) were used to calculate flow rates for each leg⁴. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow

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.

rates are included in **Appendix F**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

Where:

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

Q = Total header flowrate (SCFM)

φ = Total hydrocarbon concentration (ppmv)

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

h = Period SVE operating hours (hours)

Unit conversions:

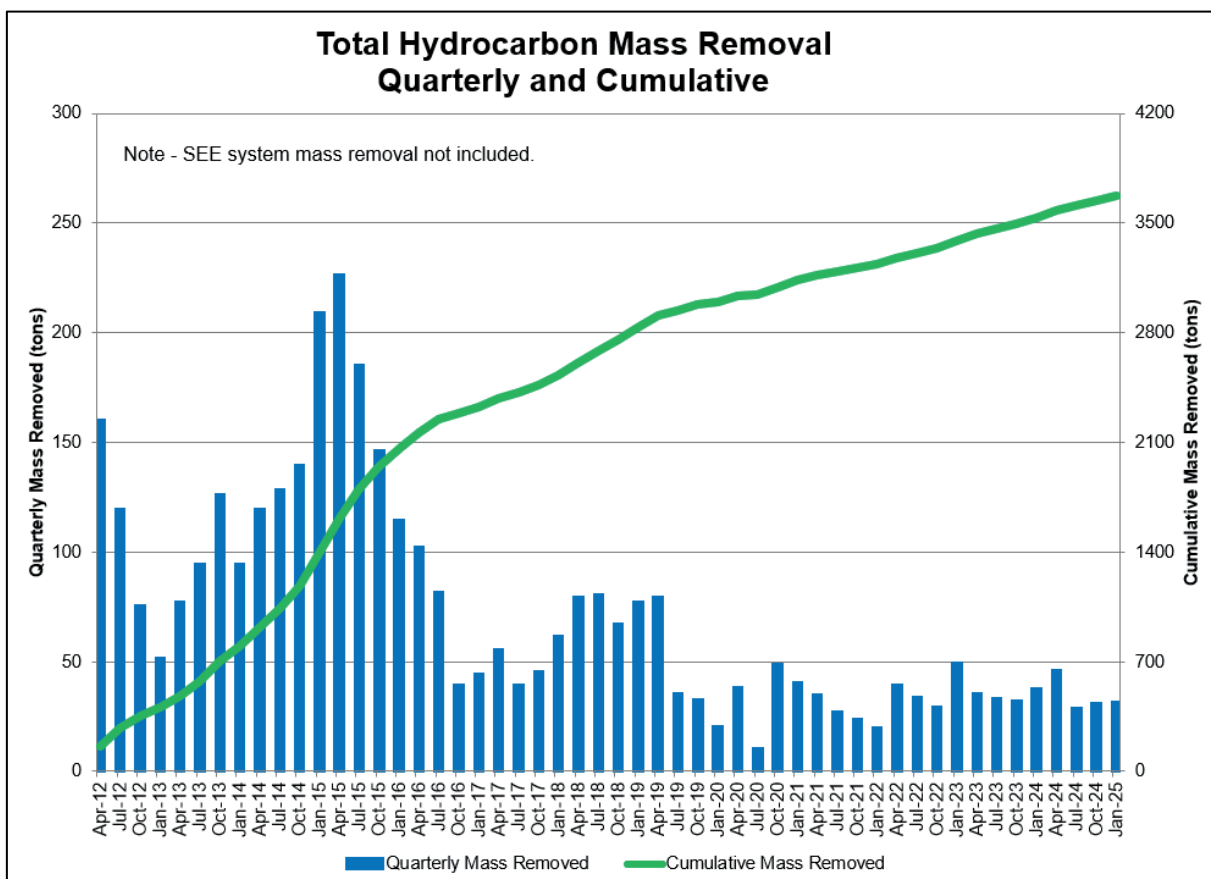
60 minutes per hour

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

2000 pounds per tons

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated molecular weight for this reporting period, 22.9 lb/lb-mole and 17.8 lb/lb-mole, for the WFL and Public Works headers, respectively, was used to convert header hydrocarbon volume concentrations (ppmv) to mass concentrations (lb/SCF) in 1Q25.

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 graph and table below.



Periodic Total Hydrocarbon Mass Removed				
Period	West Fenceline Mass (tons)	Public Works Mass (tons)	Periodic Mass (tons)	Cumulative Mass (tons)
2Q12 – 4Q12	273	81	354	354
2013	256	92	348	702
2014	355	125	480	1,182
2015	589	177	766	1,948
2016	258	78	366	2,248
2017	155	28	183	2,467
2018	199	88	287	2,754
2019	177	49	226	2,980
2020	73	43	116	3,096
2021	76	49	125	3,221
2022	87	33	120	3,341
2023	101	48	149	3,490
1Q24	25	12	37	3,527
2Q24	29	16	45	3,572
3Q24	28	0 ⁵	28	3,600
4Q24	23	7	30	3,630
1Q25	23	8	31	3,661

Carbon Footprint

Total carbon dioxide (CO₂) mass emitted from operation of the SVE system, RTO and SEE system in 1Q25 was approximately 160.8 tons. Based on a total of 31 tons of total hydrocarbons (THC) removed from the subsurface and treated by the RTO, the CO₂ mass emissions rate in 1Q25 was approximately 5.1 tons per ton THC removed. The steam boiler at the SEE system was not operated in 1Q25, which caused decreased natural gas and electricity usage relative to the period of SEE operation in 2024.

Total CO₂ emissions are based on the sum of CO₂ mass emitted from the RTO stack and steam boiler and CO₂ mass emitted by the public utility to provide electricity required for RTO operation. The CO₂ mass emitted from the RTO stack is the sum of CO₂ emitted from combustion of extracted soil vapor and supplemental natural gas required for operation. The breakdown for CO₂ emissions in 1Q25 is as follows:

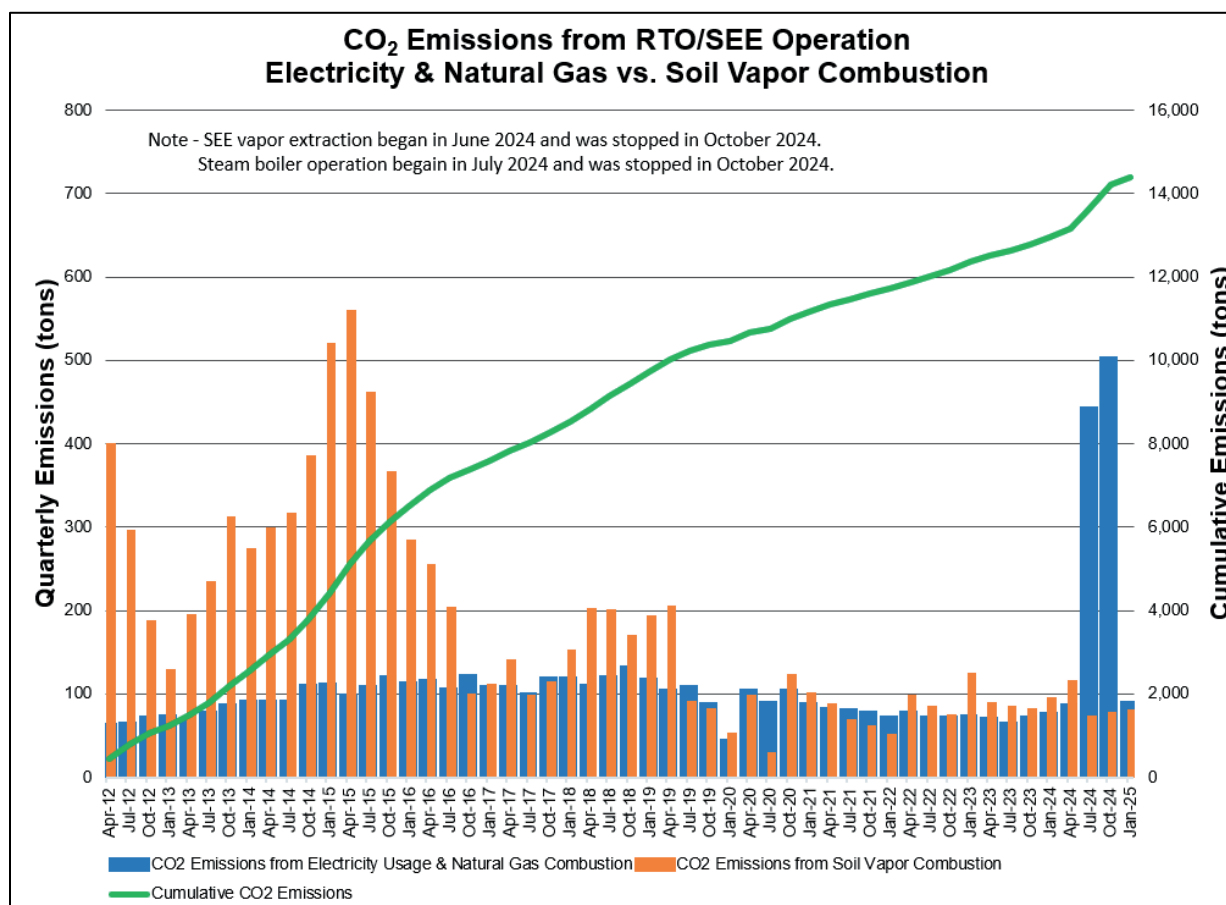
- 77.6 tons CO₂ from soil vapor combustion
- 34.2 tons CO₂ from combustion of 5,816 therms of supplemental natural gas⁶
- 49.0 tons CO₂ from 92,657 kWh of electricity assuming 0.480 metric tons (0.529 tons) CO₂ emitted per Net MWh (Ameren, 2024)
- **160.8 tons CO₂ Total**

Total CO₂ emissions resulting from operation of the SVE and SEE systems in 1Q25 are equivalent to annual CO₂ emissions due to energy use of 17.6 average American households⁷. Historical quarterly and cumulative CO₂ emissions are depicted in the graph below.

⁵ Public Works mass removed in 3Q24 was negligible because header was open only briefly during SEE system downtime. Public Works header analytical samples were not collected in 3Q24.

⁶ 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.

⁷ Based on annual emissions of 8.3 metric tons of CO₂ associated with the energy use of an average American household (USEPA, 2021).



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.

6 Conclusions

AECOM conducted the 1Q25 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 1Q25:

- Soil vapor samples were collected from 43 locations and 146 ports in the Village, Public Works Yard, and WRR during 1Q25. Due to subsurface water conditions, 11 ports were submerged, within the capillary fringe soil layer, or were located in a flooded area and were not sampled.
 - No sample results exceeded the benzene residential screening criterion (0.37 mg/m³) in the Village. Benzene concentrations ranged from an estimated 0.00058 mg/m³ to 0.011 mg/m³, with one outlier result of 0.29 mg/m³ (VMP-56-38.5, 38.5 ft bgs).
 - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m³) in the Public Works Yard or the area along Illinois Route 111 and Rand Avenue. Benzene concentrations ranged from an estimated 0.00058 mg/m³ to 0.025 mg/m³.
 - Three samples exceeded the benzene commercial/industrial screening criterion (2.8 mg/m³) in the WRR at VMP-12 (39 ft bgs), and VMP-16 (19 ft and 31 ft bgs). Benzene concentrations ranged from an estimated 0.15 mg/m³ to 48 mg/m³.
- The 1Q25 soil vapor sampling event was the 59th quarterly sampling event performed since the IEPA requirement for quarterly soil vapor sampling began in 3rd Quarter 2010.
- The January, February, and March 2025 Monthly SVE Effectiveness Monitoring events were the 156th, 157th, and 158th monthly SVE & VMP sampling events, respectively, performed since the IEPA requirement for monthly monitoring began in 1st Quarter 2012.
- 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.
- Soil vapor data suggests that the concentrations in the vicinity of the residences do not pose a risk to human receptors.
- 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 1Q25. Preliminary carbon footprint analysis indicates that operating the SVE system in 1Q25, including the contribution from electricity generation, resulted in the emissions of approximately 160.8 tons of CO₂, compared to 31 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

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	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											
2Q24	442.83	4/1/2024	NE	42.63	NA	NA	NA	400.20	394.03 - 384.03 (48.80 - 58.80)	0.0	*
3Q24		7/1/2024	NE	43.01	NA	NA	NA	399.82		0.0	*
4Q24		10/2/2024	NE	42.80	NA	NA	NA	400.03		0.0	*
1Q25		442.84	1/14/2025	NE	41.65	NA	NA	NA		401.19	394.04 - 384.04 (48.80 - 58.80)
MW-02											
2Q24	443.93	4/1/2024	NE	43.83	NA	NA	NA	400.10	394.06 - 384.06 (49.87 - 59.87)	149.6	*
3Q24		7/1/2024	NE	44.44	NA	NA	NA	399.49		220.8	*
4Q24		10/1/2024	NE	44.20	NA	NA	NA	399.73		173.2	*
1Q25		443.95	1/13/2025	NE	44.35	NA	NA	NA		399.60	394.08 - 384.08 (49.87 - 59.87)
MW-03											
2Q24	430.23	4/1/2024	NE	29.97	NA	NA	NA	400.26	395.56 - 385.56 (34.67 - 44.67)	0.0	*
3Q24		7/1/2024	NE	29.74	NA	NA	NA	400.49		0.0	*
4Q24		10/2/2024	NE	29.68	NA	NA	NA	400.55		0.0	*
1Q25		430.25	1/14/2025	NE	30.15	NA	NA	NA		400.10	395.58 - 385.58 (34.67 - 44.67)
MW-04											
2Q24	441.31	4/1/2024	NE	41.08	NA	NA	NA	400.23	396.25 - 386.25 (45.06 - 55.06)	0.0	*
3Q24		7/1/2024	NE	41.26	NA	NA	NA	400.05		0.0	*
4Q24		10/2/2024	NE	41.00	NA	NA	NA	400.31		0.0	*
1Q25		441.34	1/14/2025	NE	41.33	NA	NA	NA		400.01	396.28 - 386.28 (45.06 - 55.06)
MW-05											
2Q24	429.98	4/1/2024	NE	29.60	NA	NA	NA	400.38	396.01 - 386.01 (33.97 - 43.97)	0.0	*
3Q24		7/1/2024	NE	29.42	NA	NA	NA	400.56		0.0	*
4Q24		10/2/2024	NE	29.28	NA	NA	NA	400.70		0.0	*
1Q25		429.99	1/14/2025	NE	29.73	NA	NA	NA		400.26	396.02 - 386.02 (33.97 - 43.97)
MW-06A											
2Q24	432.33	4/1/2024	NE	31.73	NA	NA	NA	400.60	398.48 - 388.48 (33.85 - 43.85)	0.0	*
3Q24		7/1/2024	NE	31.52	NA	NA	NA	400.81		0.0	*
4Q24		10/2/2024	NE	31.28	NA	NA	NA	401.05		0.0	*
1Q25		432.36	1/15/2025	NE	31.63	NA	NA	NA		400.73	398.51 - 388.51 (33.85 - 43.85)
MW-06B											
2Q24	432.37	4/1/2024	NE	31.76	NA	NA	NA	400.61	368.32 - 363.32 (64.05 - 69.05)	0.0	*
3Q24		7/1/2024	NE	31.58	NA	NA	NA	400.79		0.0	*
4Q24		10/2/2024	NE	31.33	NA	NA	NA	401.04		0.0	*
1Q25		432.39	1/15/2025	NE	31.67	NA	NA	NA		400.72	368.84 - 363.84 (63.55 - 68.55)
MW-06C											
2Q24	432.18	4/1/2024	NE	31.55	NA	NA	NA	400.63	347.23 - 342.23 (84.95 - 89.95)	0.0	*
3Q24		7/1/2024	NE	31.37	NA	NA	NA	400.81		0.0	*
4Q24		10/2/2024	NE	31.10	NA	NA	NA	401.08		0.0	*
1Q25		432.20	1/15/2025	NE	31.46	NA	NA	NA		400.74	347.93 - 342.93 (84.27 - 89.27)
MW-06D											
2Q24	432.06	4/1/2024	NE	31.43	NA	NA	NA	400.63	327.34 - 322.34 (104.72 - 109.72)	0.0	*
3Q24		7/1/2024	NE	31.21	NA	NA	NA	400.85		0.0	*
4Q24		10/2/2024	NE	30.95	NA	NA	NA	401.11		0.0	*
1Q25		432.07	1/15/2025	NE	31.31	NA	NA	NA		400.76	327.90 - 322.90 (104.17 - 109.17)
MW-07											
2Q24	443.31	4/1/2024	NE	43.03	NA	NA	NA	400.28	400.39 - 390.39 (42.92 - 52.92)	0.0	
3Q24		7/1/2024	NE	43.20	NA	NA	NA	400.11		0.0	
4Q24		10/1/2024	NE	42.90	NA	NA	NA	400.41		0.1	*
1Q25		443.36	1/13/2025	NE	43.03	NA	NA	NA		400.33	400.44 - 390.44 (42.92 - 52.92)
MW-09											
2Q24	445.28	4/1/2024	NE	44.77	NA	NA	NA	400.51	399.24 - 389.24 (46.04 - 56.04)	0.0	*
3Q24		7/1/2024	NE	44.91	NA	NA	NA	400.37		0.0	*
4Q24		10/1/2024	NE	44.85	NA	NA	NA	400.43		0.0	*
1Q25		445.30	1/14/2025	NE	45.27	NA	NA	NA		400.03	399.26 - 389.26 (46.04 - 56.04)
MW-10											
2Q24	445.06	4/1/2024	NE	44.68	NA	NA	NA	400.38	400.63 - 390.63 (44.43 - 54.43)	0.0	
3Q24		7/1/2024	NE	45.08	NA	NA	NA	399.98		0.0	
4Q24		10/1/2024	NE	44.95	NA	NA	NA	400.11		0.0	
1Q25		445.07	1/13/2025	NE	45.16	NA	NA	NA		399.91	401.18 - 391.18 (47.69 - 57.69)

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	COMMENTS
MW-11											
2Q24	442.38	4/2/2024	NE	42.33	NA	NA	NA	400.05	400.72 - 390.72 (41.66 - 51.66)	0.0	
3Q24		7/1/2024	NE	42.78	NA	NA	NA	399.60		0.0	
4Q24		10/1/2024	NE	42.65	NA	NA	NA	399.73		0.0	
1Q25	442.65	1/14/2025	NE	43.10	NA	NA	NA	399.55	401.15 - 391.15 (41.50 - 51.50)	0.0	
MW-12											
2Q24	442.64	4/1/2024	NE	42.41	NA	NA	NA	400.23	400.72 - 390.72 (41.92 - 51.92)	0.0	
3Q24		7/1/2024	NE	42.71	NA	NA	NA	399.93		0.0	
4Q24		10/2/2024	NE	42.58	NA	NA	NA	400.06		0.0	
1Q25		1/13/2025	NE	42.97	NA	NA	NA	399.67	401.23 - 391.23 (41.41 - 51.41)	0.0	
MW-13											
2Q24	430.30	4/2/2024	NE	29.53	NA	NA	NA	400.77	405.50 - 395.50 (24.80 - 34.80)	0.0	
3Q24		7/2/2024	NE	28.92	NA	NA	NA	401.38		0.0	
4Q24		10/2/2024	NE	28.88	NA	NA	NA	401.42		0.0	
1Q25		1/15/2025	NE	29.53	NA	NA	NA	400.77		0.0	
MW-14											
2Q24	434.61	4/3/2024	NE	33.85	NA	NA	NA	400.76	401.19 - 391.19 (33.42 - 43.42)	19.0	
3Q24		7/2/2024	NE	33.64	NA	NA	NA	400.97		14.5	
4Q24		10/3/2024	NE	33.40	NA	NA	NA	401.21		59.0	*
1Q25		1/15/2025	NE	33.73	NA	NA	NA	400.88		18.3	
MW-16											
2Q24	443.60	4/1/2024	NE	43.42	NA	NA	NA	400.18	406.10 - 396.10 (37.50 - 47.50)	0.0	
3Q24		7/1/2024	NE	44.22	NA	NA	NA	399.38		0.0	
4Q24		10/1/2024	NE	44.00	NA	NA	NA	399.60		0.0	
1Q25	443.58	1/14/2025	NE	44.27	NA	NA	NA	399.31	406.08 - 396.08 (37.50 - 47.50)	0.0	
MW-17											
2Q24	441.78	4/1/2024	NE	41.65	NA	NA	NA	400.13	407.49 - 392.49 (34.29 - 49.29)	0.0	
3Q24		7/1/2024	NE	43.04	NA	NA	NA	398.74		0.0	
4Q24		10/1/2024	NE	42.98	NA	NA	NA	398.80		0.0	
1Q25	441.76	1/13/2025	NE	43.28	NA	NA	NA	398.48	407.47 - 392.47 (34.29 - 49.29)	0.0	
MW-18											
2Q24	442.24	4/1/2024	NE	42.18	NA	NA	NA	400.06	407.32 - 392.32 (34.92 - 49.92)	0.0	
3Q24		7/1/2024	NE	43.68	NA	NA	NA	398.56		0.0	
4Q24		10/1/2024	NE	43.48	NA	NA	NA	398.76		0.0	
1Q25		1/13/2025	NE	43.85	NA	NA	NA	398.39		0.0	
MW-19											
2Q24	442.98	4/1/2024	NE	42.93	NA	NA	NA	400.05	406.64 - 391.64 (36.34 - 51.34)	0.0	
3Q24		7/1/2024	NE	44.18	NA	NA	NA	398.80		0.0	
4Q24		10/1/2024	NE	44.00	NA	NA	NA	398.98		0.0	
1Q25	442.97	1/13/2025	NE	44.24	NA	NA	NA	398.73	406.63 - 391.63 (36.34 - 51.34)	0.0	
MW-20											
2Q24	443.86	4/1/2024	NE	43.83	NA	NA	NA	400.03	407.98 - 392.98 (35.88 - 50.88)	0.0	
3Q24		7/1/2024	NE	44.75	NA	NA	NA	399.11		0.0	
4Q24		10/1/2024	NE	44.50	NA	NA	NA	399.36		0.3	
1Q25	443.85	1/13/2025	NE	44.68	NA	NA	NA	399.17	407.97 - 392.97 (35.88 - 50.88)	0.0	
MW-21											
2Q24	444.01	4/1/2024	NE	43.85	NA	NA	NA	400.16	409.00 - 394.00 (35.01 - 50.01)	0.0	
3Q24		7/1/2024	NE	44.37	NA	NA	NA	399.64		0.0	
4Q24		10/1/2024	NE	44.03	NA	NA	NA	399.98		0.0	
1Q25	444.02	1/13/2025	NE	44.18	NA	NA	NA	399.84	409.01 - 394.01 (35.01 - 50.01)	0.0	
MW-22											
2Q24	442.38	4/1/2024	NE	42.15	NA	NA	NA	400.23	403.95 - 393.95 (38.43 - 48.43)	0.0	
3Q24		7/1/2024	NE	43.01	NA	NA	NA	399.37		0.0	
4Q24		10/1/2024	NE	42.85	NA	NA	NA	399.53		0.0	
1Q25	442.39	1/14/2025	NE	43.14	NA	NA	NA	399.25	404.16 - 394.16 (38.23 - 48.23)	0.0	
MW-23											
2Q24	431.57	4/1/2024	NE	31.17	NA	NA	NA	400.40	402.55 - 392.55 (29.02 - 39.02)	0.0	
3Q24		7/1/2024	NE	30.40	NA	NA	NA	401.17		0.0	
4Q24		10/2/2024	NE	30.50	NA	NA	NA	401.07		0.3	
1Q25	431.59	1/15/2025	NE	31.08	NA	NA	NA	400.51	402.57 - 392.57 (29.02 - 39.02)	1.2	

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WELL ID & EVENT	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-24											
2Q24	443.65	4/1/2024	NE	43.38	NA	NA	NA	400.27	404.04 - 394.04 (39.61 - 49.61)	0.0	
3Q24		7/1/2024	NE	43.70	NA	NA	NA	399.95		0.0	
4Q24		10/1/2024	NE	43.58	NA	NA	NA	400.07		0.0	
1Q25		1/14/2025	NE	44.03	NA	NA	NA	399.62		0.0	
MW-25											
2Q24	438.53	4/1/2024	NE	38.22	NA	NA	NA	400.31	402.94 - 392.94 (35.59 - 45.59)	0.0	
3Q24		7/1/2024	NE	38.35	NA	NA	NA	400.18		0.0	
4Q24		10/2/2024	NE	38.03	NA	NA	NA	400.50		0.2	
1Q25	438.56	1/14/2025	NE	38.35	NA	NA	NA	400.21	402.97 - 392.97 (35.59 - 45.59)	217.4	
MW-26											
2Q24	441.23	4/1/2024	NE	40.98	NA	NA	NA	400.25	403.08 - 393.08 (38.15 - 48.15)	0.0	
3Q24		7/1/2024	NE	41.30	NA	NA	NA	399.93		0.0	
4Q24		10/2/2024	NE	41.05	NA	NA	NA	400.18		0.0	
1Q25		1/15/2025	NM	NM	NM	NM	NM	NM		NM	Inaccessible due to parked car.
MW-27											
2Q24	443.60	4/1/2024	NE	42.55	NA	NA	NA	401.05	403.81 - 393.81 (39.79 - 49.79)	0.0	
3Q24		7/1/2024	NE	43.26	NA	NA	NA	400.34		0.0	
4Q24		10/1/2024	NE	42.63	NA	NA	NA	400.97		0.0	
1Q25	443.61	1/14/2025	NE	43.15	NA	NA	NA	400.46	403.82 - 393.82 (39.79 - 49.79)	0.0	
MW-28											
2Q24	443.55	4/1/2024	NE	41.57	NA	NA	NA	401.98	409.94 - 399.94 (33.61 - 43.61)	0.0	
3Q24		7/1/2024	NE	42.31	NA	NA	NA	401.24		0.0	
4Q24		10/1/2024	NE	41.83	NA	NA	NA	401.72		0.0	
1Q25	443.56	1/13/2025	NE	41.93	NA	NA	NA	401.63	409.95 - 399.95 (33.61 - 43.61)	0.0	
P-01											
2Q24	442.98	4/10/2024	NE	37.92	NA	NA	NA	405.06	380.76 - 375.76 (62.22 - 67.22)	0.0	*
3Q24		7/2/2024	NE	36.93	NA	NA	NA	406.05		0.0	*
4Q24		10/3/2024	NE	36.51	NA	NA	NA	406.47		0.0	*
1Q25		1/14/2025	NE	36.40	NA	NA	NA	406.64		0.0	*
P-4U											
2Q24	442.74	4/3/2024	NE	39.30	NA	NA	NA	403.44	361.59 - 359.59 (81.15 - 83.15)	0.0	*
3Q24		7/2/2024	NE	38.20	NA	NA	NA	404.54		0.0	*
4Q24		10/3/2024	NE	37.86	NA	NA	NA	404.88		0.0	*
1Q25	442.77	1/14/2025	NE	37.64	NA	NA	NA	405.13	361.62 - 359.62 (81.15 - 83.15)	0.0	*
P-5L											
2Q24	444.01	4/3/2024	NE	39.15	NA	NA	NA	404.86	303.61 - 301.61 (140.40 - 142.40)	0.0	*
3Q24		7/2/2024	NE	38.10	NA	NA	NA	405.91		0.0	*
4Q24		10/3/2024	NE	38.12	NA	NA	NA	405.89		0.0	*
1Q25	444.05	1/14/2025	NE	37.32	NA	NA	NA	406.73	303.65 - 301.65 (140.40 - 142.40)	0.0	*
P-5U											
2Q24	444.42	4/3/2024	NE	40.32	NA	NA	NA	404.10	313.79 - 311.79 (130.63 - 132.63)	0.0	*
3Q24		7/2/2024	NE	39.38	NA	NA	NA	405.04		0.0	*
4Q24		10/3/2024	NE	39.17	NA	NA	NA	405.25		0.0	*
1Q25	444.45	1/14/2025	NE	38.60	NA	NA	NA	405.85	313.82 - 311.82 (130.63 - 132.63)	0.0	*
P-6U											
2Q24	443.63	4/3/2024	NE	39.95	NA	NA	NA	403.68	363.13 - 361.13 (80.50 - 82.50)	0.0	*
3Q24		7/2/2024	NE	38.88	NA	NA	NA	404.75		0.0	*
4Q24		10/3/2024	NE	38.77	NA	NA	NA	404.86		0.0	*
1Q25	443.64	1/14/2025	NE	38.21	NA	NA	NA	405.43	363.14 - 361.14 (80.50 - 82.50)	0.0	*
P-7U											
2Q24	444.08	4/3/2024	NE	40.18	NA	NA	NA	403.90	383.00 - 381.00 (61.08 - 63.08)	0.0	*
3Q24		7/2/2024	NE	39.10	NA	NA	NA	404.98		0.0	*
4Q24		10/3/2024	NE	39.10	NA	NA	NA	404.98		0.0	*
1Q25	444.09	1/14/2025	NE	38.44	NA	NA	NA	405.65	383.01 - 381.01 (61.08 - 63.08)	0.0	*
P-8U											
2Q24	442.07	4/3/2024	NE	40.18	NA	NA	NA	401.89	382.72 - 380.72 (59.35 - 61.35)	0.0	*
3Q24		7/2/2024	NE	39.20	NA	NA	NA	402.87		0.0	*
4Q24		10/3/2024	NE	38.95	NA	NA	NA	403.12		0.0	*
1Q25	442.11	1/14/2025	NE	38.57	NA	NA	NA	403.54	382.76 - 380.76 (59.35 - 61.35)	0.0	*

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WELL ID & EVENT	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-9U											
2Q24	445.20	4/2/2024	NE	44.61	NA	NA	NA	400.59	344.61 - 342.61 (100.59 - 102.59)	0.0	*
3Q24		7/2/2024	NE	43.75	NA	NA	NA	401.45		0.0	*
4Q24		10/3/2024	NE	43.58	NA	NA	NA	401.62		0.0	*
1Q25	445.21	1/13/2025	NE	43.61	NA	NA	NA	401.60	344.62- 342.62 (100.59 - 102.59)	0.0	*
P-11L											
2Q24	442.76	4/3/2024	NE	41.08	NA	NA	NA	401.68	332.55 - 330.55 (110.21 - 112.21)	0.0	*
3Q24		7/2/2024	NE	40.05	NA	NA	NA	402.71		0.0	*
4Q24		10/3/2024	NE	39.52	NA	NA	NA	403.24		0.0	*
1Q25	442.81	1/14/2025	NE	39.51	NA	NA	NA	403.30	332.60 - 330.60 (110.21 - 112.21)	0.0	*
P-11U											
2Q24	443.38	4/3/2024	NE	41.68	NA	NA	NA	401.70	343.46 - 341.46 (99.92 - 101.92)	0.0	*
3Q24		7/2/2024	NE	40.63	NA	NA	NA	402.75		0.0	*
4Q24		10/3/2024	NE	40.13	NA	NA	NA	403.25		0.0	*
1Q25	443.42	1/14/2025	NE	40.12	NA	NA	NA	403.30	343.50 - 341.50 (99.92 - 101.92)	0.0	*
P-14											
2Q24	443.01	4/10/2024	NE	38.02	NA	NA	NA	404.99	395.54 - 385.54 (47.47 - 57.47)	0.0	*
3Q24		7/2/2024	NE	37.05	NA	NA	NA	405.96		0.7	*
4Q24		10/3/2024	NE	36.62	NA	NA	NA	406.39		0.0	*
1Q25	442.99	1/14/2025	NE	36.41	NA	NA	NA	406.58	395.60 - 385.60 (47.39 - 57.39)	0.0	*
P-15											
2Q24	443.88	4/3/2024	NE	39.88	NA	NA	NA	404.00	398.43 - 388.43 (45.45 - 55.45)	0.0	*
3Q24		7/2/2024	NE	38.80	NA	NA	NA	405.08		0.0	*
4Q24		10/3/2024	NE	38.50	NA	NA	NA	405.38		0.0	*
1Q25	443.65	1/14/2025	NE	38.26	NA	NA	NA	405.39	398.20 - 388.20 (45.45 - 55.45)	0.0	*
P-16											
2Q24	442.84	4/3/2024	NE	38.85	NA	NA	NA	403.99	397.10 - 387.10 (45.74 - 55.74)	0.0	*
3Q24		7/2/2024	NE	37.55	NA	NA	NA	405.29		0.0	*
4Q24		10/3/2024	NE	37.55	NA	NA	NA	405.29		0.0	*
1Q25	442.60	1/14/2025	NE	36.88	NA	NA	NA	405.72	396.86 - 386.86 (45.74 - 55.74)	0.0	*
P-43											
2Q24	444.62	4/3/2024	NE	42.55	NA	NA	NA	402.07	381.06 - 371.06 (63.56 - 73.56)	0.0	*
3Q24		7/2/2024	NE	41.50	NA	NA	NA	403.12		0.0	*
4Q24		10/3/2024	NE	41.01	NA	NA	NA	403.61		0.0	*
1Q25	444.40	1/14/2025	NE	41.03	NA	NA	NA	403.37	380.84 - 370.84 (63.56 - 73.56)	0.0	*
P-53											
2Q24	446.57	4/1/2024	NE	44.83	NA	NA	NA	401.74	406.26 - 381.26 (40.31 - 65.31)	0.0	
3Q24		7/1/2024	NE	44.84	NA	NA	NA	401.73		0.0	
4Q24		10/1/2024	NE	44.83	NA	NA	NA	401.74		0.0	
1Q25	446.58	1/15/2025	NE	44.87	NA	NA	NA	401.71	406.27 - 381.27 (40.31 - 65.31)	0.0	
P-54											
2Q24	442.52	4/1/2024	NE	42.22	NA	NA	NA	400.30	404.52 - 379.52 (38.00 - 63.00)	0.0	
3Q24		7/1/2024	NE	42.29	NA	NA	NA	400.23		0.0	
4Q24		10/1/2024	NE	42.20	NA	NA	NA	400.32		0.0	
1Q25	442.53	1/14/2025	NE	42.75	NA	NA	NA	399.78	404.53 - 379.53 (38.00 - 63.00)	0.0	
P-55R											
2Q24	444.01	4/1/2024	41.74	41.96	402.05	402.27	0.22	402.23	403.58 - 393.58 (40.43 - 50.43)	58.4	
3Q24		7/1/2024	42.10	42.15	401.86	401.91	0.05	401.90		91.0	
4Q24		10/1/2024	41.61	41.90	402.11	402.40	0.29	402.34		0.5	
1Q25		1/13/2025	41.77	42.08	401.93	402.24	0.31	402.18		121.6	
P-56											
2Q24	446.32	4/1/2024	NE	46.26	NA	NA	NA	400.06	405.50 - 380.50 (40.82 - 65.82)	0.4	
3Q24		7/1/2024	NE	47.30	NA	NA	NA	399.02		0.0	
4Q24		10/1/2024	NE	46.96	NA	NA	NA	399.36		0.0	
1Q25	446.33	1/13/2025	NE	47.13	NA	NA	NA	399.20	405.51 - 380.51 (40.82 - 65.82)	2.0	
P-57											
2Q24	447.15	4/1/2024	NE	46.96	NA	NA	NA	400.19	402.96 - 392.96 (44.19 - 54.19)	0.2	
3Q24		7/1/2024	NE	47.60	NA	NA	NA	399.55		0.0	
4Q24		10/1/2024	NE	47.12	NA	NA	NA	400.03		0.0	
1Q25	447.17	1/13/2025	NE	47.29	NA	NA	NA	399.88	402.98 - 392.98 (44.19 - 54.19)	0.0	

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	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-58											
2Q24	445.16	4/1/2024	NE	44.83	NA	NA	NA	400.33	404.95 - 379.95 (40.21 - 65.21)	0.0	
3Q24		7/1/2024	NE	45.31	NA	NA	NA	399.85		0.0	
4Q24		10/1/2024	NE	44.76	NA	NA	NA	400.40		0.0	
1Q25		1/13/2025	NE	44.89	NA	NA	NA	400.27		0.0	
P-59											
2Q24	447.07	4/1/2024	NE	47.04	NA	NA	NA	400.03	399.16 - 374.16 (47.91 - 72.91)	82.1	*
3Q24		7/1/2024	NE	48.38	NA	NA	NA	398.69		0.0	
4Q24		10/1/2024	NE	48.08	NA	NA	NA	398.99		0.0	
1Q25	447.09	1/13/2025	NE	48.38	NA	NA	NA	398.71	399.18 - 374.18 (47.91 - 72.91)	0.0	
P-60											
2Q24	446.88	4/1/2024	NE	46.75	NA	NA	NA	400.13	402.23 - 382.23 (44.65 - 64.65)	31.4	
3Q24		7/1/2024	NE	48.03	NA	NA	NA	398.85		3.1	
4Q24		10/1/2024	47.77	47.78	399.10	399.11	0.01	399.11		96.5	
1Q25		1/13/2025	NE	48.47	NA	NA	NA	398.41		188.1	
P-61											
2Q24	444.66	4/2/2024	44.64	47.06	397.60	400.02	2.42	399.54	398.99 - 373.99 (45.68 - 70.68)	13.2	*
3Q24		7/1/2024	45.75	48.10	396.56	398.91	2.35	398.44		60.9	
4Q24		10/1/2024	45.58	47.24	397.42	399.08	1.66	398.75		119.4	
1Q25	444.70	1/13/2025	45.23	46.21	398.49	399.47	0.98	399.27	399.03 - 374.03 (45.68 - 70.68)	398.0	*
P-62											
2Q24	442.60	4/2/2024	42.56	43.74	398.86	400.04	1.18	399.80	401.13 - 376.13 (41.47 - 66.47)	132.6	
3Q24		7/1/2024	43.45	44.48	398.12	399.15	1.03	398.94		31.9	
4Q24		10/1/2024	43.21	43.71	398.89	399.39	0.50	399.29		0.0	
1Q25	442.62	1/13/2025	43.00	43.41	399.21	399.62	0.41	399.54	401.15 - 376.15 (41.47 - 66.47)	0.0	
P-63											
2Q24	446.06	4/2/2024	NE	46.70	NA	NA	NA	399.36	398.77 - 373.77 (47.29 - 72.29)	36.3	*
3Q24		7/12/2024	46.77	46.78	399.28	399.29	0.01	399.29		5.3	*
4Q24		10/2/2024	46.39	46.40	399.66	399.67	0.01	399.67		13.1	*
1Q25	446.08	1/13/2025	46.23	46.25	399.83	399.85	0.02	399.85	398.79 - 373.79 (47.29 - 72.29)	11.3	*
P-64											
2Q24	446.78	4/3/2024	47.96	49.33	397.45	398.82	1.37	398.55	399.55 - 374.55 (47.23 - 72.23)	20.1	
3Q24		7/1/2024	47.68	48.15	398.63	399.10	0.47	399.01		72.4	
4Q24		10/1/2024	47.34	47.72	399.06	399.44	0.38	399.36		32.3	
1Q25	446.81	1/13/2025	47.10	47.42	399.39	399.71	0.32	399.65	399.58 - 374.58 (47.23 - 72.23)	169.7	*
P-65											
2Q24	444.77	4/1/2024	NE	45.45	NA	NA	NA	399.32	397.75 - 372.75 (47.02 - 72.02)	3.2	*
3Q24		7/1/2024	NE	45.40	NA	NA	NA	399.37		30.1	*
4Q24		10/2/2025	NE	44.76	NA	NA	NA	400.01		22.4	*
1Q25	444.81	1/13/2025	44.95	44.96	399.85	399.86	0.01	399.86	397.79 - 372.79 (47.02 - 72.02)	8.0	*
P-66											
2Q24	437.00	4/3/2024	36.50	37.07	399.93	400.50	0.57	400.39	402.28 - 377.28 (34.72 - 59.72)	2.5	
3Q24		7/2/2024	36.59	37.14	399.86	400.41	0.55	400.30		0.7	
4Q24		10/3/2024	36.33	36.65	400.35	400.67	0.32	400.61		0.0	
1Q25	437.01	1/15/2025	36.54	36.86	400.15	400.47	0.32	400.41	402.29 - 377.29 (34.72 - 59.72)	46.5	
P-67											
2Q24	444.30	4/3/2024	NE	43.13	NA	NA	NA	401.17	402.33 - 377.33 (41.98 - 66.98)	0.0	
3Q24		7/2/2024	NE	42.93	NA	NA	NA	401.37		17.1	
4Q24		10/3/2024	NE	42.55	NA	NA	NA	401.75		0.0	
1Q25		1/15/2025	NE	42.82	NA	NA	NA	401.48		0.0	
P-68											
2Q24	445.38	4/1/2024	45.18	45.33	400.05	400.20	0.15	400.17	401.62 - 376.62 (43.76 - 68.76)	172.6	
3Q24		7/1/2024	46.45	46.62	398.76	398.93	0.17	398.90		3.4	
4Q24		10/2/2024	46.19	46.36	399.02	399.19	0.17	399.16		215.5	
1Q25	445.40	1/13/2025	46.57	46.81	398.59	398.83	0.24	398.78	401.64 - 376.64 (43.76 - 68.76)	236.6	
P-69											
2Q24	443.77	4/1/2024	NE	43.97	NA	NA	NA	399.80	402.95 - 377.95 (40.82 - 65.82)	0.0	
3Q24		7/1/2024	NE	46.03	NA	NA	NA	397.74		0.0	
4Q24		10/1/2024	NE	45.73	NA	NA	NA	398.04		0.0	
1Q25	443.90	1/13/2025	NE	46.12	NA	NA	NA	397.78	403.08 - 378.08 (40.82 - 65.82)	0.2	

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	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-70											
2Q24	443.11	4/2/2024	NE	43.31	NA	NA	NA	399.80	398.44 - 373.44 (44.67 - 69.67)	113.2	*
3Q24		7/1/2024	44.33	45.65	397.46	398.78	1.32	398.52		207.1	*
4Q24		10/1/2024	44.11	45.03	398.08	399.00	0.92	398.82		277.9	*
1Q25		1/13/2025	44.05	44.37	398.74	399.06	0.32	399.00		154.6	*
P-71											
2Q24	445.09	4/1/2024	NE	44.52	NA	NA	NA	400.57	402.48 - 377.48 (42.61 - 67.61)	0.0	
3Q24		7/1/2024	NE	44.98	NA	NA	NA	400.11		6.5	
4Q24		10/2/2024	NE	44.51	NA	NA	NA	400.58		6.0	
1Q25	445.15	1/13/2025	NE	44.33	NA	NA	NA	400.82	402.54 - 377.54 (42.61 - 67.61)	0.0	
P-72											
2Q24	444.70	4/1/2024	NE	44.11	NA	NA	NA	400.59	398.93 - 373.93 (45.77 - 70.77)	2.3	*
3Q24		7/1/2024	NE	44.58	NA	NA	NA	400.12		3.7	*
4Q24		10/2/2024	NE	44.02	NA	NA	NA	400.68		12.2	*
1Q25	444.75	1/13/2025	NE	44.26	NA	NA	NA	400.49	398.98 - 373.98 (45.77 - 70.77)	6.2	*
P-73											
2Q24	444.02	4/2/2024	NE	43.89	NA	NA	NA	400.13	402.43 - 377.43 (41.60 - 66.60)	20.9	
3Q24		7/1/2024	NE	45.05	NA	NA	NA	398.97		1.9	
4Q24		10/2/2024	NE	44.14	NA	NA	NA	399.88		0.2	
1Q25	444.03	1/13/2025	NE	44.24	NA	NA	NA	399.79	402.44 - 377.44 (41.60 - 66.60)	0.0	
P-74											
2Q24	442.93	4/1/2024	NE	43.00	NA	NA	NA	399.93	399.10 - 374.10 (43.83 - 68.83)	0.0	*
3Q24		7/1/2024	NE	44.68	NA	NA	NA	398.25		6.4	
4Q24		10/1/2024	NE	44.38	NA	NA	NA	398.55		76.4	
1Q25	442.94	1/13/2025	NE	44.64	NA	NA	NA	398.30	399.11 - 374.11 (43.83 - 68.83)	170.7	
P-75											
2Q24	446.68	4/3/2024	NE	46.38	NA	NA	NA	400.30	403.55 - 378.55 (43.13 - 68.13)	0.0	
3Q24		7/2/2024	NE	46.67	NA	NA	NA	400.01		0.0	
4Q24		10/3/2024	NE	46.20	NA	NA	NA	400.48		1.2	
1Q25		1/15/2025	NE	46.37	NA	NA	NA	400.31		0.0	
P-82A											
2Q24	434.94	4/2/2024	NE	31.20	NA	NA	NA	403.74	401.73 - 386.73 (33.21 - 48.21)	0.0	*
3Q24		7/1/2024	NE	30.49	NA	NA	NA	404.45		0.0	*
4Q24		10/3/2024	NE	30.09	NA	NA	NA	404.85		0.0	*
1Q25	434.93	1/15/2025	NE	30.57	NA	NA	NA	404.36	401.72 - 386.72 (33.21 - 48.21)	0.6	*
P-82B											
2Q24	434.68	4/2/2024	NE	30.93	NA	NA	NA	403.75	371.88 - 369.88 (62.80 - 64.80)	0.0	*
3Q24		7/1/2024	NE	30.20	NA	NA	NA	404.48		0.0	*
4Q24		10/3/2024	NE	29.82	NA	NA	NA	404.86		0.0	*
1Q25		1/15/2025	NE	30.28	NA	NA	NA	404.40		0.3	*
P-82C											
2Q24	434.41	4/2/2024	NE	30.85	NA	NA	NA	403.56	351.64 - 349.64 (82.77 - 84.77)	0.0	*
3Q24		7/1/2024	NE	29.91	NA	NA	NA	404.50		0.0	*
4Q24		10/3/2024	NE	29.52	NA	NA	NA	404.89		0.0	*
1Q25	434.44	1/15/2025	NE	30.00	NA	NA	NA	404.44	351.67 - 349.67 (82.77 - 84.77)	0.0	*
P-82D											
2Q24	435.09	4/2/2024	NE	31.40	NA	NA	NA	403.69	323.55 - 321.55 (111.54 - 113.54)	0.0	*
3Q24		7/1/2024	NE	30.66	NA	NA	NA	404.43		0.0	*
4Q24		10/3/2024	NE	30.28	NA	NA	NA	404.81		0.0	*
1Q25	435.08	1/15/2025	NE	30.74	NA	NA	NA	404.34	323.54 - 321.54 (111.54 - 113.54)	0.0	*
P-83A											
2Q24	445.54	4/2/2024	NE	45.44	NA	NA	NA	400.10	398.14 - 383.14 (47.40 - 62.40)	0.0	*
3Q24		7/2/2024	NE	45.00	NA	NA	NA	400.54		0.0	*
4Q24		10/3/2024	NE	45.00	NA	NA	NA	400.54		0.0	*
1Q25	445.57	1/13/2025	NE	44.54	NA	NA	NA	401.03	398.17 - 383.17 (47.40 - 62.40)	0.0	*
P-83B											
2Q24	445.77	4/2/2024	NE	45.71	NA	NA	NA	400.06	371.97 - 369.97 (73.80 - 75.80)	0.0	*
3Q24		7/2/2024	NE	45.28	NA	NA	NA	400.49		0.0	*
4Q24		10/3/2024	NE	45.26	NA	NA	NA	400.51		0.0	*
1Q25	445.81	1/13/2025	NE	44.77	NA	NA	NA	401.04	372.01 - 370.01 (73.80 - 75.80)	0.0	*

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WELL ID & EVENT	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-83C											
2Q24	445.95	4/2/2024	NE	45.83	NA	NA	NA	400.12	353.56 - 351.56 (92.39 - 94.39)	0.0	*
3Q24		7/2/2024	NE	45.43	NA	NA	NA	400.52		0.0	*
4Q24		10/3/2024	NE	45.41	NA	NA	NA	400.54		0.0	*
1Q25		445.98	1/13/2025	NE	44.94	NA	NA	NA		401.04	353.59 - 351.59 (92.39 - 94.39)
P-83D											
2Q24	445.86	4/2/2024	NE	46.81	NA	NA	NA	399.05	312.06 - 310.06 (133.80 - 135.80)	0.0	*
3Q24		7/2/2024	NE	45.35	NA	NA	NA	400.51		0.0	*
4Q24		10/3/2024	NE	45.34	NA	NA	NA	400.52		0.0	*
1Q25		445.90	1/13/2025	NE	44.88	NA	NA	NA		401.02	312.10 - 310.10 (133.80 - 135.80)
P-84A											
2Q24	446.63	4/3/2024	NE	45.78	NA	NA	NA	400.85	397.71 - 382.71 (48.92 - 63.92)	0.0	*
3Q24		7/2/2024	NE	45.64	NA	NA	NA	400.99		0.0	*
4Q24		10/2/2024	NE	45.60	NA	NA	NA	401.03		0.0	*
1Q25		446.65	1/14/2025	NE	45.55	NA	NA	NA		401.10	398.15 - 383.15 (48.50 - 63.50)
P-84B											
2Q24	446.35	4/3/2024	NE	45.40	NA	NA	NA	400.95	372.85 - 370.85 (73.50 - 75.50)	0.0	*
3Q24		7/2/2024	NE	45.38	NA	NA	NA	400.97		0.0	*
4Q24		10/2/2024	NE	45.35	NA	NA	NA	401.00		0.4	*
1Q25		446.36	1/14/2025	NE	45.28	NA	NA	NA		401.08	372.86 - 370.86 (73.50 - 75.50)
P-84C											
2Q24	446.37	4/3/2024	NE	45.42	NA	NA	NA	400.95	352.32 - 350.32 (94.05 - 96.05)	0.0	*
3Q24		7/2/2024	NE	45.38	NA	NA	NA	400.99		0.0	*
4Q24		10/2/2024	NE	45.38	NA	NA	NA	400.99		0.4	*
1Q25		446.40	1/14/2025	NE	45.29	NA	NA	NA		401.11	352.35 - 350.35 (94.05 - 96.05)
P-84D											
2Q24	446.38	4/3/2024	NE	45.42	NA	NA	NA	400.96	325.55 - 323.55 (120.83 - 122.83)	0.0	*
3Q24		7/2/2024	NE	45.40	NA	NA	NA	400.98		0.0	*
4Q24		10/2/2024	NE	45.35	NA	NA	NA	401.03		0.4	*
1Q25		446.40	1/14/2025	NE	45.29	NA	NA	NA		401.11	325.57 - 323.57 (120.83 - 122.83)
P-88A											
2Q24	443.27	4/3/2024	NE	37.75	NA	NA	NA	405.52	404.87 - 389.87 (38.40 - 53.40)	0.0	*
3Q24		7/2/2024	NE	37.04	NA	NA	NA	406.23		0.0	*
4Q24		10/3/2024	NE	36.45	NA	NA	NA	406.82		0.0	*
1Q25		1/14/2025	NE	36.68	NA	NA	NA	406.59		0.0	*
P-88B											
2Q24	443.35	4/3/2024	NE	37.83	NA	NA	NA	405.52	371.70 - 369.70 (71.65 - 73.65)	0.0	*
3Q24		7/2/2024	NE	37.06	NA	NA	NA	406.29		0.0	*
4Q24		10/3/2024	NE	36.52	NA	NA	NA	406.83		0.0	*
1Q25		1/14/2025	NE	36.75	NA	NA	NA	406.60		0.0	*
P-88C											
2Q24	443.31	4/3/2024	NE	37.80	NA	NA	NA	405.51	351.01 - 349.01 (92.30 - 94.30)	0.0	*
3Q24		7/2/2024	NE	37.06	NA	NA	NA	406.25		0.0	*
4Q24		10/3/2024	NE	36.48	NA	NA	NA	406.83		0.0	*
1Q25		1/14/2025	NE	36.71	NA	NA	NA	406.60		0.0	*
P-88D											
2Q24	443.38	4/3/2024	NE	37.85	NA	NA	NA	405.53	331.21 - 329.21 (112.17 - 114.17)	0.0	*
3Q24		7/2/2024	NE	37.14	NA	NA	NA	406.24		0.0	*
4Q24		10/3/2024	NE	36.55	NA	NA	NA	406.83		0.0	*
1Q25		443.39	1/14/2025	NE	36.79	NA	NA	NA		406.60	331.22 - 329.22 (112.17 - 114.17)
P-89B											
2Q24	447.64	4/2/2024	NE	47.62	NA	NA	NA	400.02	370.28 - 368.28 (77.36 - 79.36)	0.0	*
3Q24		7/2/2024	NE	46.55	NA	NA	NA	401.09		0.0	*
4Q24		10/3/2024	NE	46.01	NA	NA	NA	401.63		0.0	*
1Q25		1/13/2025	NE	45.97	NA	NA	NA	401.67		0.0	*
P-89C											
2Q24	447.96	4/2/2024	NE	47.98	NA	NA	NA	399.98	351.56 - 349.56 (96.40 - 98.40)	0.0	*
3Q24		7/2/2024	NE	46.90	NA	NA	NA	401.06		0.0	*
4Q24		10/3/2024	NE	46.38	NA	NA	NA	401.58		0.0	*
1Q25		1/13/2025	NE	46.33	NA	NA	NA	401.63		0.0	*

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WELL ID & EVENT	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-89D											
2Q24	447.83	4/2/2024	NE	47.99	NA	NA	NA	399.84	309.33 - 307.33 (138.50 - 140.50)	0.0	*
3Q24		7/2/2024	NE	46.93	NA	NA	NA	400.90		0.0	*
4Q24		10/3/2024	NE	46.42	NA	NA	NA	401.41		0.0	*
1Q25		1/13/2025	NE	46.34	NA	NA	NA	401.49		0.0	*
P-91A											
2Q24	447.43	4/2/2024	49.31	49.33	398.10	398.12	0.02	398.12	395.92 - 380.92 (51.52 - 66.52)	2.8	*
3Q24		7/2/2024	48.62	48.63	398.80	398.81	0.01	398.81		1.3	*
4Q24		10/1/2024	48.46	48.48	398.95	398.97	0.02	398.97		103.3	*
1Q25	447.44	1/13/2025	48.04	48.07	399.37	399.40	0.03	399.39	395.93 - 380.93 (51.52 - 66.52)	12.3	*
P-91B											
2Q24	447.47	4/2/2024	NE	49.31	NA	NA	NA	398.16	372.78 - 370.78 (74.69 - 76.69)	0.0	*
3Q24		7/2/2024	NE	48.65	NA	NA	NA	398.82		0.0	*
4Q24		10/1/2024	NE	48.49	NA	NA	NA	398.98		0.0	*
1Q25	447.48	1/13/2025	NE	48.07	NA	NA	NA	399.41	372.79 - 370.79 (74.69 - 76.69)	0.4	*
P-91C											
2Q24	447.27	4/2/2024	NE	49.11	NA	NA	NA	398.16	352.54 - 350.54 (94.73 - 96.73)	0.0	*
3Q24		7/2/2024	NE	48.43	NA	NA	NA	398.84		0.0	*
4Q24		10/1/2024	NE	48.26	NA	NA	NA	399.01		0.0	*
1Q25		1/13/2025	NE	47.84	NA	NA	NA	399.43		0.0	*
P-91D											
2Q24	447.26	4/2/2024	NE	49.14	NA	NA	NA	398.12	278.94 - 276.94 (168.32 - 170.32)	0.0	*
3Q24		7/2/2024	NE	48.45	NA	NA	NA	398.81		0.0	*
4Q24		10/1/2024	NE	48.27	NA	NA	NA	398.99		0.0	*
1Q25	447.28	1/13/2025	NE	47.88	NA	NA	NA	399.40	278.96 - 276.96 (168.32 - 170.32)	0.0	*
P-92A											
2Q24	446.39	4/1/2024	47.56	47.59	398.80	398.83	0.03	398.82	398.82 - 383.82 (47.57 - 62.57)	88.6	*
3Q24		7/1/2024	47.30	47.37	399.02	399.09	0.07	399.08		24.5	*
4Q24		10/2/2024	46.75	46.78	399.61	399.64	0.03	399.63		5.5	*
1Q25		1/13/2025	46.84	46.86	399.55	399.57	0.02	399.57		94.5	*
P-92B											
2Q24	446.33	4/1/2024	NE	47.51	NA	NA	NA	398.82	371.92 - 369.92 (74.41 - 76.41)	0.2	*
3Q24		7/1/2024	NE	47.25	NA	NA	NA	399.08		0.0	*
4Q24		10/2/2024	NE	46.69	NA	NA	NA	399.64		0.0	*
1Q25		1/13/2025	NE	46.77	NA	NA	NA	399.56		0.0	*
P-92C											
2Q24	446.34	4/1/2024	NE	47.55	NA	NA	NA	398.79	353.38 - 348.38 (92.96 - 97.96)	0.3	*
3Q24		7/1/2024	NE	47.37	NA	NA	NA	398.97		0.0	*
4Q24		10/2/2024	NE	46.67	NA	NA	NA	399.67		0.0	*
1Q25	446.35	1/13/2025	NE	46.78	NA	NA	NA	399.57	353.39 - 348.39 (92.96 - 97.96)	0.5	*
P-92D											
2Q24	446.15	4/1/2024	NE	47.41	NA	NA	NA	398.74	305.15 - 303.15 (141.00 - 143.00)	0.0	*
3Q24		7/1/2024	NE	47.10	NA	NA	NA	399.05		0.0	*
4Q24		10/2/2024	NE	46.55	NA	NA	NA	399.60		0.0	*
1Q25	446.16	1/13/2025	NE	46.64	NA	NA	NA	399.52	305.16 - 303.16 (141.00 - 143.00)	0.0	*
P-93A											
2Q24	445.37	4/1/2024	NE	45.12	NA	NA	NA	400.25	402.30 - 392.30 (43.07 - 53.07)	0.0	
3Q24		7/1/2024	NE	45.68	NA	NA	NA	399.69		0.0	
4Q24		10/1/2024	NE	45.24	NA	NA	NA	400.13		0.0	
1Q25		1/13/2025	NE	45.36	NA	NA	NA	400.01		0.0	
P-93B											
2Q24	446.70	4/1/2024	NE	46.49	NA	NA	NA	400.21	371.92 - 369.92 (74.78 - 76.78)	0.0	*
3Q24		7/1/2024	NE	47.05	NA	NA	NA	399.65		0.0	*
4Q24		10/1/2024	NE	46.65	NA	NA	NA	400.05		213.6	*
1Q25	446.71	1/13/2025	NE	46.74	NA	NA	NA	399.97	371.93 - 369.93 (74.78 - 76.78)	0.0	*
P-93C											
2Q24	446.55	4/1/2024	NE	46.33	NA	NA	NA	400.22	353.67 - 348.67 (92.88 - 97.88)	5.8	*
3Q24		7/1/2024	NE	46.90	NA	NA	NA	399.65		0.0	*
4Q24		10/1/2024	NE	46.44	NA	NA	NA	400.11		0.0	*
1Q25	446.57	1/13/2025	NE	46.59	NA	NA	NA	399.98	353.69 - 348.69 (92.88 - 97.88)	0.0	*

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	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-93D											
2Q24	446.97	4/1/2024	NE	46.70	NA	NA	NA	400.27	321.31 - 319.31 (125.66 - 127.66)	0.0	*
3Q24		7/1/2024	NE	47.25	NA	NA	NA	399.72		0.0	*
4Q24		10/1/2024	NE	46.78	NA	NA	NA	400.19		0.0	*
1Q25		1/13/2025	NE	46.94	NA	NA	NA	399.99		(125.66 - 127.66)	0.0
P-94											
2Q24	445.04	4/2/2024	NE	43.26	NA	NA	NA	401.78	398.80 - 383.80 (46.24 - 61.24)	0.0	*
3Q24		7/2/2024	NE	42.63	NA	NA	NA	402.41		0.0	*
4Q24		10/3/2024	NE	42.59	NA	NA	NA	402.45		0.0	*
1Q25	445.02	1/13/2025	NE	41.98	NA	NA	NA	403.04	398.78 - 383.78 (46.24 - 61.24)	0.0	*
P-95											
2Q24	443.95	4/2/2024	NE	36.15	NA	NA	NA	407.80	407.43 - 392.43 (36.52 - 51.52)	0.0	*
3Q24		7/2/2024	NE	35.54	NA	NA	NA	408.41		0.0	*
4Q24		10/3/2024	NE	36.00	NA	NA	NA	407.95		0.0	*
1Q25		443.69	1/14/2025	NE	35.03	NA	NA	NA		408.66	407.17 - 392.17 (36.52 - 51.52)
P-102											
2Q24	445.14	4/2/2024	NE	40.37	NA	NA	NA	404.77	402.39 - 382.39 (42.75 - 62.75)	0.0	*
3Q24		7/2/2024	NE	39.67	NA	NA	NA	405.47		0.3	*
4Q24		10/3/2024	NE	39.00	NA	NA	NA	406.14		7.0	*
1Q25		445.02	1/14/2025	NE	39.28	NA	NA	NA		405.86	0.0
P-114R											
2Q24	429.48	4/2/2024	NE	28.71	NA	NA	NA	400.77	406.47 - 396.47 (23.01 - 33.01)	16.8	
3Q24		7/2/2024	NE	27.41	NA	NA	NA	402.07		37.4	
4Q24		10/2/2024	NE	27.73	NA	NA	NA	401.75		42.4	
1Q25	429.45	1/15/2025	NE	28.59	NA	NA	NA	400.86	406.44 - 396.44 (23.01 - 33.01)	0.0	
P-115											
2Q24	433.54	4/2/2024	NE	32.65	NA	NA	NA	400.89	401.24 - 381.24 (32.30 - 52.30)	24.9	
3Q24		7/2/2024	NE	31.17	NA	NA	NA	402.37		0.0	*
4Q24		10/2/2024	NE	31.60	NA	NA	NA	401.94		0.0	*
1Q25		433.50	1/15/2025	NE	32.58	NA	NA	NA		400.92	401.20 - 381.20 (32.30 - 52.30)
P-116											
2Q24	436.79	4/2/2024	NE	36.08	NA	NA	NA	400.71	399.35 - 379.35 (37.44 - 57.44)	0.0	*
3Q24		7/2/2024	NE	34.44	NA	NA	NA	402.35		0.0	*
4Q24		10/2/2024	NE	34.98	NA	NA	NA	401.81		0.0	*
1Q25		436.76	1/15/2025	NE	36.00	NA	NA	NA		400.76	399.32 - 379.32 (37.44 - 57.44)
P-117											
2Q24	432.87	4/2/2024	NE	32.32	NA	NA	NA	400.55	399.94 - 379.94 (32.93 - 52.93)	0.0	*
3Q24		7/2/2024	NE	30.58	NA	NA	NA	402.29		0.0	*
4Q24		10/2/2024	NE	31.23	NA	NA	NA	401.64		0.0	*
1Q25		432.86	1/15/2025	NE	32.26	NA	NA	NA		400.60	399.93 - 379.93 (32.93 - 52.93)
P-118											
2Q24	431.48	4/2/2024	NE	31.28	NA	NA	NA	400.20	400.36 - 384.43 (31.12 - 47.05)	0.0	
3Q24		7/2/2024	NE	28.95	NA	NA	NA	402.53		0.0	*
4Q24		10/2/2024	NE	30.00	NA	NA	NA	401.48		0.0	*
1Q25		431.51	1/15/2025	NE	31.17	NA	NA	NA		400.34	400.39 - 384.46 (31.12 - 47.05)
P-119											
2Q24	432.11	4/2/2024	NE	30.95	NA	NA	NA	401.16	401.44 - 385.51 (30.67 - 46.60)	0.0	
3Q24		7/2/2024	NM	NM	NM	NM	NM	NM		NM	Inaccess ble due to refinery construction.
4Q24		10/2/2024	NE	30.15	NA	NA	NA	401.96		0.0	*
1Q25		432.10	1/15/2025	NE	30.82	NA	NA	NA		401.28	401.43 - 385.50 (30.67 - 46.60)
P-120											
2Q24	433.00	4/2/2024	NE	31.30	NA	NA	NA	401.70	401.62 - 385.69 (31.38 - 47.31)	0.0	*
3Q24		7/2/2024	NE	30.20	NA	NA	NA	402.80		0.0	*
4Q24		10/2/2024	NE	30.30	NA	NA	NA	402.70		0.0	*
1Q25	432.99	1/15/2025	NE	31.05	NA	NA	NA	401.94	401.61 - 385.68 (31.38 - 47.31)	0.0	*
P-129											
2Q24	432.66	4/2/2024	NE	33.32	NA	NA	NA	399.34	400.69 - 384.76 (31.97 - 47.90)	63.1	
3Q24		7/2/2024	NE	30.07	NA	NA	NA	402.59		0.0	*
4Q24		10/2/2024	NE	32.10	NA	NA	NA	400.56		0.0	
1Q25	432.64	1/15/2025	NE	33.45	NA	NA	NA	399.19	400.67 - 384.74 (31.97 - 47.90)	0.0	

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASINO (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	COMMENTS
ROST-3-MW											
2Q24	442.52	4/2/2024	NE	42.12	NA	NA	NA	400.40	404.71 - 394.71 (37.81 - 47.81)	0.0	
3Q24		7/1/2024	NE	42.75	NA	NA	NA	399.77		0.0	
4Q24		10/1/2024	NE	42.60	NA	NA	NA	399.92		0.0	
1Q25	442.51	1/14/2025	NE	42.96	NA	NA	NA	399.55	404.70 - 394.70 (37.81 - 47.81)	0.0	
ROST-4-PZ											
2Q24	442.15	4/1/2024	NE	41.02	NA	NA	NA	401.13	407.22 - 397.22 (34.93 - 44.93)	0.0	
3Q24		7/1/2024	NE	41.87	NA	NA	NA	400.28		0.0	
4Q24		10/1/2024	NE	41.40	NA	NA	NA	400.75		0.0	
1Q25	442.16	1/13/2025	NE	41.82	NA	NA	NA	400.34	407.23 - 397.23 (34.93 - 44.93)	0.0	
ROST-4-PZ(A)											
2Q24	442.15	4/1/2024	NE	41.20	NA	NA	NA	400.95	407.38 - 397.38 (34.77 - 44.77)	0.0	
3Q24		7/1/2024	NE	42.36	NA	NA	NA	399.79		0.0	
4Q24		10/1/2024	NE	42.18	NA	NA	NA	399.97		0.0	
1Q25		1/13/2025	NE	42.45	NA	NA	NA	399.70		0.0	
ROST-4-PZ(B)											
2Q24	442.40	4/1/2024	NE	41.05	NA	NA	NA	401.35	407.35 - 397.35 (35.05 - 45.05)	0.0	
3Q24		7/1/2024	NE	41.82	NA	NA	NA	400.58		0.0	
4Q24		10/1/2024	NE	41.15	NA	NA	NA	401.25		0.0	
1Q25		1/13/2025	NE	41.70	NA	NA	NA	400.70		0.0	
ROST-4-PZ(C)											
2Q24	442.97	4/2/2024	NE	42.03	NA	NA	NA	400.94	408.02 - 398.02 (34.95 - 44.95)	0.0	
3Q24		7/1/2024	NE	42.87	NA	NA	NA	400.10		0.0	
4Q24		10/1/2024	NE	42.50	NA	NA	NA	400.47		0.0	
1Q25	442.96	1/15/2025	NE	42.79	NA	NA	NA	400.17	408.01 - 398.01 (34.95 - 44.95)	0.0	
ROST-4-PZ(D)											
2Q24	442.92	4/2/2024	NE	41.80	NA	NA	NA	401.12	407.95 - 397.95 (34.97 - 44.97)	0.0	
3Q24		7/1/2024	NE	42.68	NA	NA	NA	400.24		0.0	
4Q24		10/1/2024	NE	42.28	NA	NA	NA	400.64		0.0	
1Q25	442.91	1/14/2025	NE	42.73	NA	NA	NA	400.18	407.94 - 397.94 (34.97 - 44.97)	0.0	
ROST-4-PZ(E)											
2Q24	441.98	4/1/2024	NE	40.35	NA	NA	NA	401.63	407.23 - 397.23 (34.75 - 44.75)	0.0	
3Q24		7/1/2024	NE	41.76	NA	NA	NA	400.22		0.0	
4Q24		10/1/2024	NE	41.28	NA	NA	NA	400.70		0.0	
1Q25		1/13/2025	NE	41.40	NA	NA	NA	400.58		0.0	
ROST-4-PZ(F)											
2Q24	442.12	4/1/2024	NE	40.23	NA	NA	NA	401.89	407.59 - 397.59 (34.53 - 44.53)	0.0	
3Q24		7/1/2024	NE	40.42	NA	NA	NA	401.70		0.0	
4Q24		10/1/2024	NE	40.23	NA	NA	NA	401.89		0.0	
1Q25		1/13/2025	NE	40.42	NA	NA	NA	401.70		0.0	
ROST-4-PZ(G)											
2Q24	442.20	4/2/2024	NE	41.95	NA	NA	NA	400.25	407.92 - 397.92 (34.28 - 44.28)	0.0	
3Q24		7/1/2024	NE	43.05	NA	NA	NA	399.15		0.0	
4Q24		10/1/2024	NE	42.88	NA	NA	NA	399.32		0.0	
1Q25	442.21	1/14/2025	NE	43.05	NA	NA	NA	399.16	407.93 - 397.93 (34.28 - 44.28)	0.0	
S-1											
2Q24	444.06	4/1/2024		44.22	44.34	399.72	399.84	0.12	Unknown	96.8	
3Q24		7/1/2024		44.63	44.65	399.41	399.43	0.02		129.4	
4Q24		10/2/2024		43.94	43.98	400.08	400.12	0.04		141.5	
1Q25	444.12	1/13/2025		44.12	44.13	399.99	400.00	0.01	400.00	140.5	
T-1											
2Q24	445.61	4/1/2024	NE	45.06	NA	NA	NA	400.55	398.61 - 388.61 (47.00 - 57.00)	0.0	*
3Q24		7/1/2024	NE	45.40	NA	NA	NA	400.21		0.0	*
4Q24		10/1/2024	NE	45.25	NA	NA	NA	400.36		0.0	*
1Q25	445.66	1/13/2025	NE	45.29	NA	NA	NA	400.37	398.66 - 388.66 (47.00 - 57.00)	0.0	*
T-2											
2Q24	443.40	4/2/2024	NE	43.14	NA	NA	NA	400.26	392.91 - 372.76 (50.50 - 70.65)	0.0	*
3Q24		7/1/2024	NE	43.50	NA	NA	NA	399.90		0.0	*
4Q24		10/2/2024	NE	43.27	NA	NA	NA	400.13		0.0	*
1Q25	443.38	1/13/2025	NE	43.20	NA	NA	NA	400.18	392.89 - 372.74 (50.50 - 70.65)	0.0	*

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QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	COMMENTS
T-3											
2Q24	449.21	4/2/2024	NE	50.14	NA	NA	NA	399.07	403.99 - 388.99 (45.22 - 60.22)	0.0	
3Q24		7/1/2024	NE	49.88	NA	NA	NA	399.33		0.0	
4Q24		10/1/2024	NE	49.59	NA	NA	NA	399.62		0.0	
1Q25	449.22	1/13/2025	NE	49.13	NA	NA	NA	400.09	404.00 - 389.00 (45.22 - 60.22)	0.0	
T-4											
2Q24	446.82	4/2/2024	NE	50.09	NA	NA	NA	396.73	396.80 - 381.80 (50.02 - 65.02)	0.0	
3Q24		7/2/2024	NE	48.63	NA	NA	NA	398.19		0.0	*
4Q24		10/2/2024	NE	48.32	NA	NA	NA	398.50		0.0	*
1Q25		1/13/2025	NE	47.81	NA	NA	NA	399.01		0.0	*
T-5											
2Q24	443.66	4/2/2024	NE	43.49	NA	NA	NA	400.17	395.33 - 378.78 (48.33 - 64.88)	2.0	*
3Q24		7/2/2024	NE	43.58	NA	NA	NA	400.08		0.0	*
4Q24		10/2/2024	NE	42.92	NA	NA	NA	400.74		40.4	*
1Q25	443.67	1/13/2025	NE	43.27	NA	NA	NA	400.40	395.34 - 378.79 (48.33 - 64.88)	3.9	*
T-6											
2Q24	446.78	4/1/2024	NE	46.82	NA	NA	NA	399.96	394.27 - 380.02 (52.51 - 66.76)	1.4	*
3Q24		7/1/2024	NE	47.35	NA	NA	NA	399.43		0.0	*
4Q24		10/1/2024	NE	46.86	NA	NA	NA	399.92		1.4	*
1Q25	446.79	1/13/2025	NE	47.00	NA	NA	NA	399.79	394.28 - 380.03 (52.51 - 66.76)	0.0	*
T-7											
2Q24	444.26	4/3/2024	NE	43.13	NA	NA	NA	401.13	395.54 - 380.54 (48.72 - 63.72)	1.2	*
3Q24		7/2/2024	NE	42.91	NA	NA	NA	401.35		0.2	*
4Q24		10/3/2024	NE	42.53	NA	NA	NA	401.73		4.5	*
1Q25	444.27	1/15/2025	NE	42.80	NA	NA	NA	401.47	395.55 - 380.55 (48.72 - 63.72)	2.3	*
T-12											
2Q24	444.99	4/1/2024	NE	44.87	NA	NA	NA	400.12	398.16 - 372.16 (46.83 - 72.83)	0.3	*
3Q24		7/1/2024	NE	46.62	NA	NA	NA	398.37		0.0	*
4Q24		10/1/2024	NE	46.40	NA	NA	NA	398.59		0.1	*
1Q25	444.98	1/13/2025	NE	46.86	NA	NA	NA	398.12	398.15 - 372.15 (46.83 - 72.83)	0.0	
T-13											
2Q24	443.76	4/1/2024	NE	43.08	NA	NA	NA	400.68	399.95 - 373.95 (43.81 - 69.81)	0.0	*
3Q24		7/1/2024	NE	43.27	NA	NA	NA	400.49		0.0	*
4Q24		10/1/2024	NE	43.15	NA	NA	NA	400.61		0.0	*
1Q25		1/13/2025	NE	43.33	NA	NA	NA	400.43		0.0	*
T-15											
2Q24	445.35	4/2/2024	NE	45.21	NA	NA	NA	400.14	396.95 - 370.95 (48.40 - 74.40)	0.0	*
3Q24		7/1/2024	NE	45.18	NA	NA	NA	400.17		0.0	*
4Q24		10/2/2024	NE	45.02	NA	NA	NA	400.33		0.0	*
1Q25	445.34	1/13/2025	NE	44.81	NA	NA	NA	400.53	396.94 - 370.94 (48.40 - 74.40)	0.0	*
T-17											
2Q24	446.19	4/2/2024	NE	46.00	NA	NA	NA	400.19	401.72 - 375.72 (44.47 - 70.47)	0.0	
3Q24		7/2/2024	NE	45.35	NA	NA	NA	400.84		0.0	
4Q24		10/3/2024	NE	45.27	NA	NA	NA	400.92		0.1	
1Q25	446.23	1/13/2025	NE	44.75	NA	NA	NA	401.48	401.76 - 375.76 (44.47 - 70.47)	0.0	
T-19											
2Q24	446.99	4/2/2024	NE	50.06	NA	NA	NA	396.93	396.22 - 370.22 (50.77 - 76.77)	24.7	*
3Q24		7/2/2024	NE	48.78	NA	NA	NA	398.21		7.5	*
4Q24		10/2/2024	NE	48.44	NA	NA	NA	398.55		35.3	*
1Q25	446.98	1/13/2025	NE	48.05	NA	NA	NA	398.93	396.21 - 370.21 (50.77 - 76.77)	90.0	*
T-21											
2Q24	444.22	4/3/2024	NE	36.63	NA	NA	NA	407.59	412.26 - 386.26 (31.96 - 57.96)	0.0	
3Q24		7/2/2024	NE	36.01	NA	NA	NA	408.21		0.2	
4Q24		10/3/2024	NE	35.45	NA	NA	NA	408.77		0.0	
1Q25	444.23	1/14/2025	NE	35.16	NA	NA	NA	409.07	412.27 - 386.27 (31.96 - 57.96)	0.0	
T-22											
2Q24	442.37	4/2/2024	NE	37.35	NA	NA	NA	405.02	410.82 - 385.12 (31.55 - 57.25)	0.0	
3Q24		7/2/2024	NE	36.37	NA	NA	NA	406.00		0.0	
4Q24		10/3/2024	NE	36.05	NA	NA	NA	406.32		0.0	
1Q25	442.38	1/14/2025	NE	36.36	NA	NA	NA	406.02	410.83 - 385.13 (31.55 - 57.25)	0.0	

TABLE 1
QUARTERLY GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID & EVENT	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER-PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	COMMENTS
T-23											
2Q24	432.90	4/2/2024	NE	29.55	NA	NA	NA	403.35	405.67 - 379.67 (27.23 - 53.23)	0.0	
3Q24		7/1/2024	NE	28.85	NA	NA	NA	404.05		0.0	
4Q24		10/3/2024	NE	28.49	NA	NA	NA	404.41		0.0	
1Q25	432.87	1/15/2025	NE	28.97	NA	NA	NA	403.90	405.64 - 379.64 (27.23 - 53.23)	0.0	
T-24											
2Q24	444.00	4/2/2024	43.60	45.76	398.24	400.40	2.16	399.97	402.50 - 376.85 (41.50 - 67.15)	0.8	
3Q24		7/1/2024	43.15	43.22	400.78	400.85	0.07	400.84		16.4	
4Q24		10/1/2024	44.80	45.89	398.11	399.20	1.09	398.98		0.0	
1Q25		1/13/2025	44.93	45.52	398.48	399.07	0.59	398.95		0.0	
T-28											
2Q24	444.56	4/2/2024	NE	44.81	NA	NA	NA	399.75	Unknown	0.0	
3Q24		7/2/2024	NE	44.20	NA	NA	NA	400.36		0.0	
4Q24		10/3/2024	NE	44.14	NA	NA	NA	400.42		0.0	
1Q25	444.59	1/13/2025	NE	43.61	NA	NA	NA	400.98		0.0	
T-37											
2Q24	447.44	4/2/2024	NE	47.46	NA	NA	NA	399.98	398.59 - 378.59 (48.86 - 68.86)	0.1	*
3Q24		7/2/2024	NE	46.40	NA	NA	NA	401.04		0.0	*
4Q24		10/3/2024	NE	45.88	NA	NA	NA	401.56		0.0	*
1Q25		1/13/2025	NE	45.83	NA	NA	NA	401.61		0.0	*
T-38											
2Q24	445.89	4/2/2024	NE	44.36	NA	NA	NA	401.53	396.75 - 376.75 (49.14 - 69.14)	0.0	*
3Q24		7/2/2024	NE	43.35	NA	NA	NA	402.54		0.0	*
4Q24		10/3/2024	NE	42.53	NA	NA	NA	403.36		0.0	*
1Q25	445.85	1/13/2025	NE	43.01	NA	NA	NA	402.84	396.71 - 376.71 (49.14 - 69.14)	0.0	*
T-62											
2Q24	432.16	4/2/2024	NE	30.90	NA	NA	NA	401.26	412.45 - 382.45 (19.71 - 49.71)	0.0	
3Q24		7/2/2024	NE	29.83	NA	NA	NA	402.33		0.0	
4Q24		10/2/2024	NE	29.95	NA	NA	NA	402.21		0.0	
1Q25	432.15	1/15/2025	NE	30.47	NA	NA	NA	401.68	412.44 - 382.44 (19.71 - 49.71)	0.0	
T-63											
2Q24	431.55	4/2/2024	NE	30.30	NA	NA	NA	401.25	411.57 - 381.57 (19.98 - 49.98)	0.0	
3Q24		7/2/2024	NE	29.04	NA	NA	NA	402.51		0.0	
4Q24		10/2/2024	NE	29.45	NA	NA	NA	402.10		0.0	
1Q25	431.33	1/15/2025	NE	30.13	NA	NA	NA	401.20	411.35 - 381.35 (19.98 - 49.98)	0.0	
T-64											
2Q24	429.10	4/2/2024	NE	28.25	NA	NA	NA	400.85	409.29 - 379.29 (19.81 - 49.81)	0.0	
3Q24		7/2/2024	NE	26.40	NA	NA	NA	402.70		0.0	
4Q24		10/2/2024	NE	27.25	NA	NA	NA	401.85		0.0	
1Q25		1/15/2025	NE	28.13	NA	NA	NA	400.97		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 monitoring wells was adjusted based on an evaluation of the results of annual bottom depth gauging conducted in the first quarter of each year.
- 8) Top of casing and screened interval for the groundwater monitoring wells in the Roxana Interim Groundwater Monitoring Program and the WRR Program were adjusted based on surveying conducted in 4Q24, in accordance with Permit Condition IV.J.9, which requires wells be surveyed every five (5) years.

TABLE 2
SOIL VMP DEPTHS

Location	Yellow 1st Interval	White 10 foot Depth	Blue 2nd Interval	Green 3rd Interval	Red 4th Interval	Notes:
VMP-1	5		8.5	23.5	38.5	Village of Roxana - 1st Street
VMP-2	5		8.5	22	42	Village of Roxana - Alley Between 3rd and 4th Street
VMP-3	5	10	22	31.5	39	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-4	5		12	23.5	39	Village of Roxana - Alley Between 4th and 5th Street
VMP-5	5		12.5	31	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-6	5		10	31.5	39	Village of Roxana - Alley Between 6th and 7th Street
VMP-7	5		13.5	29.5	38	Village of Roxana - 7th Street
VMP-8	5		9.5	23.5	35.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-9	5		11.5	25.5	38.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-10	5		10	20	30	Public Works Yard
VMP-11	5		8	29	38	Public Works Yard
VMP-12	5		11.5	25	39	WRR- North Property
VMP-13	5		10.5	21.5	29.5	Public Works Yard
VMP-14	5		11.5	20	29	Public Works Yard
VMP-15	5		21.5	25.5	29	Village of Roxana - SE of Route 111 and Rand Avenue
VMP-16	5		13.5	19	31	WRR- Main Property
VMP-17	5					Public Works Yard
VMP-18	8.5					Village of Roxana - 8th Street
VMP-19	5					Village of Roxana - 8th Street
VMP-20	5		10	25	39.5	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-21	5		10	25	33	Village of Roxana - Alley Between 3rd and 4th Street
VMP-22	5		10	18	38	Village of Roxana - Alley Between 4th and 5th Street
VMP-23	5		10	25	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-24	5		10	22	34	Village of Roxana - 7th Street
VMP-25	5		9.5	21	31	Village of Roxana - Corner of Rand Avenue and Route 111
VMP-26	10		20	30	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 (Abandoned in January 2023)
VMP-30	10		18	26	40	Public Works Yard (Abandoned in January 2023)
VMP-31	5		10	20	30	Village of Roxana - Chaffer Avenue (Abandoned in June 2014)
VMP-32	5		10	20	30	Village of Roxana - 4th Street
VMP-33			10	20	30	WRR - North Property
VMP-34			10	20	30	WRR - North Property
VMP-35			10	20	30	WRR - North Property
VMP-36			10	20	30	WRR - North Property
VMP-37			10	20	30	WRR - North Property
VMP-38			10	20	27	WRR - North Property
VMP-39			10	20	30	WRR - North Property
VMP-40			10	20	30	WRR - North Property (Abandoned in November 2020)
VMP-41			10	20	26	Public Works Yard
VMP-42			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 3rd Street
VMP-43			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-44			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 5th Street
VMP-45			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 6th Street
VMP-46			10	20	30	WRR - North Property
VMP-47	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and 2nd Street
VMP-48	5		10	20	30	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-49	5		10	20	30	Village of Roxana - Alley Between 3rd and 4th Street
VMP-50	5		10	20	30	Village of Roxana - Alley Between 4th and 5th Street
VMP-51	5		10	20	30	Village of Roxana - Alley Between 5th and 6th Street
VMP-52	5		10	20	30	Village of Roxana - Alley Between 6th and 7th Street
VMP-53	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-54	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-55	5		10	20	30	Public Works Yard Area; Route 111 Right-of-Way
VMP-56			10	25	38.5	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-57	5		10	20		WRR - North Property
VMP-58	5		10	20	30	WRR - North Property
VMP-59	5		10	20	30	WRR - North Property
VMP-60	5		10	20	33.5	WRR - North Property
VMP-61	5		10	20	30	WRR - North Property
VMP-62	5		10	20	30	Village of Roxana - Alley Between 1st and 2nd Street
VMP-63	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and 1st Street
VMP-64	5		10	20	28	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and Tydeman
VMP-65			10	20	30	WRR - North Property (Installed November 2020 to replace VMP-40)

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-1	5	5/3/2024	53.8	0.0	N/A	65.1	0.0	7.8	10.2	0.0	0	0.2	20.6
VMP-1	5	7/26/2024	50.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.7	19.7
VMP-1	5	10/28/2024	53.0	0.0	N/A	52.0	0.7	0.0	0.0	0.0	0	0.1	20.7
VMP-1	5	2/5/2025	50.0	0.0	N/A	55.4	0.0	2.5	0.0	0.0	0	0.1	20.6
VMP-1	8.5	5/3/2024	52.0	0.1	N/A	62.2	0.3	10.2	16.8	0.0	0	0.1	20.4
VMP-1	8.5	7/26/2024	50.1	0.1	N/A	59.1	0.2	0.0	0.0	0.0	0	0.7	19.5
VMP-1	8.5	10/28/2024	52.2	0.4	N/A	52.2	0.2	0.0	0.0	0.0	0	0.2	20.4
VMP-1	8.5	2/5/2025	50.0	0.0	N/A	61.7	0.0	0.0	0.0	0.0	0	0.1	20.3
VMP-1 ⁷	23.5	5/3/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-1 ⁷	23.5	7/26/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-1 ⁷	23.5	10/28/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-1 ⁷	23.5	2/5/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-1	38.5	5/3/2024	50.2	0.0	N/A	60.5	0.5	18.5	27.4	0.0	0	0.1	20.3
VMP-1	38.5	7/26/2024	50.1	0.4	N/A	52.4	0.0	0.0	0.0	0.0	0	0.7	19.6
VMP-1	38.5	10/28/2024	52.3	0.1	N/A	53.1	0.1	0.0	0.0	0.0	0	0.2	20.5
VMP-1	38.5	2/5/2025	50.0	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	0.1	20.3
VMP-2	5	5/6/2024	50.9	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-2	5	7/23/2024	67.2	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.5	20.7
VMP-2	5	11/1/2024	68.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.0	19.8
VMP-2	5	2/7/2025	50.0	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-2	8.5	5/6/2024	50.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-2	8.5	7/23/2024	50.8	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.9	20.2
VMP-2	8.5	11/1/2024	59.2	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	1.1	20.4
VMP-2 ⁹	8.5	3/21/2025	50.3	0.0	N/A	64.6	0.0	0.0	0.0	0.0	0	0.2	20.6
VMP-2	22	5/6/2024	52.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-2	22	7/23/2024	54.5	0.0	N/A	52.1	0.3	0.0	0.0	0.0	0	1.1	19.7
VMP-2	22	11/1/2024	53.3	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	1.1	20.6
VMP-2	22	2/7/2025	50.0	0.0	N/A	49.7	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-2 ⁸	42	5/6/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	42	7/23/2024	51.5	2.3	58.2	53.0	3.0	72680	246	58.7	OVR	3.4	12.2
VMP-2 ⁸	42	11/1/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	42	2/7/2025	50.0	0.0	N/A	53.1	0.0	OVR	202	88.8	OVR	10.7	0.4
VMP-3	5	5/2/2024	53.3	0.1	N/A	59.7	0.7	0.0	0.0	0.0	0	0.3	19.1
VMP-3	5	7/25/2024	50.1	0.0	N/A	55.1	0.4	0.0	0.0	0.0	0	0.5	18.6
VMP-3	5	10/31/2024	52.3	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.6	20.2
VMP-3	5	2/10/2025	50.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-3	10	5/2/2024	50.1	0.1	N/A	59.0	1.3	0.0	0.0	0.0	0	0.2	19.9
VMP-3	10	7/25/2024	50.1	1.5	N/A	60.7	3.2	0.0	0.0	0.0	0	0.4	18.9
VMP-3	10	10/31/2024	52.2	0.2	N/A	57.7	0.1	0.0	0.0	0.0	0	1.6	19.7
VMP-3	10	2/10/2025	50.0	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-3	22	5/2/2024	50.4	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	0.9	19.4
VMP-3 ¹¹	22	9/9/2024	50.4	0.0	N/A	68.3	0.0	0.0	0.0	0.0	0	2.7	18.5
VMP-3	22	10/31/2024	51.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.5	19.0
VMP-3	22	2/10/2025	50.0	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	0.9	20.9
VMP-3	31.5	5/2/2024	50.6	0.0	N/A	62.9	0.0	0.0	0.0	0.0	0	1.9	18.0
VMP-3	31.5	7/25/2024	51.2	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	1.3	19.1
VMP-3	31.5	10/31/2024	52.3	1.7	N/A	57.0	0.0	0.0	0.0	0.0	0	2.0	18.5
VMP-3	31.5	2/11/2025	50.0	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	2.1	20.1
VMP-3	39	5/2/2024	52.1	0.0	N/A	58.1	0.0	309	13.7	0.0	0	9.5	6.0
VMP-3 ⁸	39	7/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3 ⁸	39	10/31/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3 ⁸	39	2/11/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	5/6/2024	51.4	0.0	N/A	50.2	1.1	0.0	0.0	0.0	0	0.2	20.6
VMP-4	5	7/29/2024	50.2	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	0.2	20.0
VMP-4	5	11/1/2024	50.1	0.0	N/A	62.6	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-4	5	2/10/2025	50.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-4	12	5/6/2024	52.0	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.4	20.5
VMP-4	12	7/29/2024	50.4	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.4	19.9
VMP-4	12	11/1/2024	50.1	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-4	12	2/10/2025	51.7	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	0.2	20.5
VMP-4	23.5	5/6/2024	55.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	2.4	18.0
VMP-4	23.5	7/30/2024	50.6	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.5	17.4
VMP-4	23.5	11/1/2024	50.4	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	4.0	17.2
VMP-4	23.5	2/10/2025	54.3	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	3.9	18.7
VMP-4 ⁸	39	5/6/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4 ⁸	39	7/30/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4 ⁸	39	11/1/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4 ⁸	39	2/10/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-5	5	5/1/2024	51.3	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-5	5	7/29/2024	50.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.8	19.9
VMP-5	5	10/30/2024	50.0	0.0	N/A	70.2	0.0	0.0	0.0	0.0	0	0.8	20.5
VMP-5	5	2/5/2025	51.5	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.5	20.5
VMP-5	12.5	5/1/2024	56.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.1	19.3
VMP-5	12.5	7/29/2024	50.4	0.0	N/A	57.4	0.1	0.0	0.0	0.0	0	1.8	17.8
VMP-5	12.5	11/1/2024	50.1	0.0	N/A	60.9	0.0	0.0	0.0	0.0	0	2.0	19.4
VMP-5	12.5	2/5/2025	51.5	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	1.1	20.2
VMP-5	31	5/1/2024	59.8	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	1.6	18.9
VMP-5	31	7/29/2024	50.1	0.2	N/A	52.7	0.2	0.0	0.0	0.0	0	2.1	16.9
VMP-5	31	11/1/2024	50.0	0.0	N/A	65.0	0.0	0.0	0.0	0.0	0	3.1	17.8
VMP-5	31	2/5/2025	51.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	3.1	19.2
VMP-5	40	5/1/2024	51.7	0.5	N/A	51.2	0.0	0.0	0.0	0.0	0	1.8	18.7
VMP-5	40	7/29/2024	51.1	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	2.2	17.1
VMP-5	40	11/1/2024	50.1	0.0	N/A	59.7	0.0	0.0	0.0	0.0	0	3.0	17.6
VMP-5	40	2/5/2025	51.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	3.2	19.2
VMP-6	5	4/30/2024	50.3	0.0	N/A	63.4	0.0	0.0	0.0	0.0	0	0.4	18.3
VMP-6	5	7/24/2024	50.2	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.7	19.6
VMP-6	5	11/5/2024	50.6	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.7	17.2
VMP-6	5	2/10/2025	55.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.6	20.9
VMP-6	10	4/30/2024	53.0	0.0	N/A	59.4	0.0	0.0	0.0	0.0	0	0.5	18.9
VMP-6	10	7/24/2024	50.2	0.2	N/A	50.1	0.2	0.0	0.0	0.0	0	2.7	17.9
VMP-6	10	11/5/2024	50.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	4.4	16.0
VMP-6	10	2/10/2025	55.7	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.7	20.9
VMP-6	31.5	4/30/2024	50.4	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	3.1	16.4
VMP-6	31.5	7/24/2024	56.1	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	4.6	14.6
VMP-6	31.5	11/5/2024	50.0	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	6.6	13.4
VMP-6	31.5	2/10/2025	51.2	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	6.0	16.3
VMP-6	39	4/30/2024	50.2	0.0	N/A	65.2	0.0	0.0	0.0	0.0	0	4.7	15.7
VMP-6	39	7/24/2024	50.7	0.0	0.0	51.4	0.0	0.0	0.0	0.0	0	5.3	13.4
VMP-6	39	11/5/2024	53.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	7.4	12.1
VMP-6	39	2/10/2025	50.3	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	7.5	14.1
VMP-7	5	5/3/2024	58.7	0.0	N/A	50.2	0.0	7.9	13.4	0.0	0	0.7	19.6
VMP-7	5	7/25/2024	61.3	0.5	N/A	68.1	0.8	0.0	0.0	0.0	0	1.4	19.5
VMP-7	5	10/28/2024	50.1	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	1.4	20.4
VMP-7	5	2/5/2025	50.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	1.1	20.4
VMP-7	13.5	5/3/2024	50.6	0.0	N/A	50.2	0.0	8.9	14.9	0.0	0	0.7	19.4
VMP-7	13.5	7/25/2024	61.7	0.0	N/A	65.8	0.1	0.0	0.0	0.0	0	1.4	19.0
VMP-7	13.5	10/28/2024	50.4	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	1.7	19.8
VMP-7	13.5	2/5/2025	52.0	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.3	20.1
VMP-7	29.5	5/3/2024	51.0	0.0	N/A	50.8	0.0	6.9	12.8	0.0	0	3.3	16.7
VMP-7	29.5	7/25/2024	60.1	0.0	N/A	69.2	0.0	0.0	0.0	0.0	0	3.2	16.5
VMP-7	29.5	10/28/2024	50.0	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	4.4	16.4
VMP-7	29.5	2/5/2025	59.2	0.0	N/A	58.2	0.0	0.0	0.0	0.0	0	4.6	16.9
VMP-7	38	5/3/2024	54.9	0.0	N/A	50.8	0.0	0.0	7.2	0.0	0	2.8	17.4
VMP-7	38	7/25/2024	63.2	0.0	N/A	74.3	0.2	0.0	0.0	0.0	0	2.5	17.2
VMP-7	38	10/28/2024	50.0	0.0	N/A	61.3	0.0	0.0	0.0	0.0	0	3.4	17.3
VMP-7	38	2/5/2025	62.8	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	3.5	18.2
VMP-8	5	4/25/2024	66.7	0.0	N/A	56.6	0.0	0.0	0.0	0.0	0	2.8	18.6
VMP-8	5	7/22/2024	50.1	0.0	N/A	59.1	0.0	0.0	0.0	0.0	0	0.6	19.8
VMP-8	5	10/25/2024	51.2	0.0	N/A	55.1	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-8	5	1/31/2025	59.4	0.1	N/A	53.2	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-8	9.5	4/25/2024	53.7	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	4.4	15.7
VMP-8	9.5	7/22/2024	50.1	0.7	N/A	51.3	0.7	0.0	0.0	0.0	0	1.4	18.6
VMP-8	9.5	10/25/2024	51.2	0.0	N/A	59.3	0.0	0.0	0.0	0.0	0	1.0	20.5
VMP-8	9.5	1/31/2025	52.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.0	19.5
VMP-8	23.5	4/25/2024	57.3	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	4.9	14.0
VMP-8	23.5	7/22/2024	50.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	3.9	16.5
VMP-8	23.5	10/25/2024	50.0	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	2.9	18.7
VMP-8	23.5	1/31/2025	55.1	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	3.5	18.5
VMP-8	35.5	4/25/2024	54.2	0.5	N/A	50.2	0.7	0.0	0.0	0.0	0	1.1	18.6
VMP-8 ⁹	35.5	9/9/2024	53.2	0.0	N/A	65.4	0.0	0.0	0.0	0.0	0	0.2	19.1
VMP-8	35.5	10/25/2024	50.2	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.3	20.5
VMP-8	35.5	1/31/2025	61.6	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.9	20.8
VMP-9	5	4/25/2024	50.4	0.0	N/A	61.4	0.0	0.0	0.0	0.0	0	0.7	20.1
VMP-9	5	7/22/2024	51.1	0.0	N/A	54.7	0.2	0.0	0.0	0.0	0	0.3	19.8
VMP-9	5	10/24/2024	50.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-9	5	1/31/2025	50.2	0.0	N/A	62.2	0.0	6.9	0.0	0.0	0	0.6	20.8

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-9	11.5	4/25/2024	51.1	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	1.2	19.1
VMP-9	11.5	7/22/2024	58.5	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.4	18.7
VMP-9	11.5	10/24/2024	50.0	0.0	N/A	59.7	0.0	0.0	0.0	0.0	0	0.9	20.8
VMP-9	11.5	1/31/2025	50.1	0.0	N/A	53.2	0.0	0.3	0.0	0.0	0	0.2	20.1
VMP-9	25.5	4/25/2024	52.4	0.0	N/A	64.6	0.0	0.0	0.0	0.0	0	2.2	17.5
VMP-9	25.5	7/22/2024	58.4	0.0	N/A	59.7	0.0	0.0	0.0	0.0	0	1.8	18.0
VMP-9	25.5	10/24/2024	50.0	0.0	N/A	58.0	0.0	0.0	0.0	0.0	0	1.6	20.4
VMP-9	25.5	1/31/2025	50.1	0.0	N/A	69.1	0.0	0.0	0.0	0.0	0	1.9	18.4
VMP-9	38.5	4/25/2024	51.0	0.0	N/A	61.2	0.0	0.0	0.0	0.0	0	6.0	12.6
VMP-9	38.5	7/22/2024	50.3	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	3.1	16.7
VMP-9	38.5	10/24/2024	50.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	2.9	19.0
VMP-9	38.5	1/31/2025	50.1	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	3.7	15.7
VMP-10	5	4/29/2024	52.9	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.8	20.3
VMP-10	5	7/23/2024	55.5	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	0.2	20.6
VMP-10	5	10/29/2024	50.1	0.0	N/A	59.1	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-10	5	2/3/2025	50.2	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-10	10	4/29/2024	50.6	0.0	N/A	52.0	0.0	3.1	0.0	0.0	0	0.6	20.2
VMP-10 ⁹	10	9/9/2024	52.3	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-10	10	10/29/2024	50.1	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.1	20.7
VMP-10	10	2/3/2025	54.1	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-10	20	4/29/2024	50.4	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.9	19.5
VMP-10	20	7/23/2024	58.8	0.0	N/A	50.5	0.0	98.7	0.0	0.0	0	0.2	20.0
VMP-10	20	10/29/2024	50.1	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.2	20.5
VMP-10	20	2/3/2025	57.3	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.0	20.7
VMP-10	30	4/29/2024	52.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.5	18.5
VMP-10	30	7/23/2024	57.7	0.0	N/A	54.4	0.0	11.1	0.0	0.0	0	0.6	19.5
VMP-10	30	10/29/2024	50.0	0.0	N/A	60.5	0.0	0.0	0.0	0.0	0	0.5	20.3
VMP-10	30	2/3/2025	55.7	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-11	5	4/30/2024	72.0	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	1.4	19.6
VMP-11	5	7/23/2024	58.5	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.1	20.1
VMP-11	5	10/29/2024	50.4	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-11	5	2/3/2025	63.4	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-11	8	4/30/2024	57.0	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.6	19.2
VMP-11	8	7/23/2024	51.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-11	8	10/29/2024	50.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.1	20.7
VMP-11	8	2/3/2025	50.1	0.0	N/A	50.7	0.1	0.0	0.0	0.0	0	0.4	20.7
VMP-11	29	4/30/2024	52.2	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.0	18.5
VMP-11 ⁸	29	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	29	10/29/2024	50.2	0.0	N/A	58.7	0.0	3.0	0.2	0.0	0	0.5	20.4
VMP-11	29	2/3/2025	59.4	0.0	N/A	57.3	0.1	34.3	0.0	0.0	0	0.8	20.0
VMP-11 ⁸	38	4/30/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11 ⁸	38	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11 ⁸	38	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11 ⁸	38	2/3/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-12	5	5/2/2024	51.0	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.1	20.6
VMP-12	5	7/24/2024	59.8	0.0	N/A	74.1	0.4	0.0	0.0	0.0	0	0.1	19.4
VMP-12	5	10/31/2024	51.6	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-12	5	2/7/2025	53.2	0.0	N/A	52.3	0.1	6.5	0.0	0.0	0	0.2	20.9
VMP-12	11.5	5/2/2024	52.9	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.1	19.7
VMP-12	11.5	7/24/2024	64.4	0.0	N/A	75.2	7.2	0.0	0.0	0.0	0	0.0	17.8
VMP-12	11.5	10/31/2024	50.0	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.1	20.9
VMP-12	11.5	2/7/2025	55.5	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-12	25	5/2/2024	53.6	0.0	N/A	56.1	0.0	77.0	0.0	0.0	0	9.8	4.5
VMP-12	25	7/24/2024	62.8	0.0	N/A	63.5	0.0	0.0	0.0	0.0	0	2.9	16.7
VMP-12	25	10/31/2024	50.0	0.0	N/A	56.4	0.0	626	0.5	0.1	2	9.4	4.8
VMP-12	25	2/7/2025	55.3	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	10.3	10.0
VMP-12	39	5/2/2024	53.1	7.2	85.5	51.1	7.8	633000	36.7	85.7	OVR	13.8	0.5
VMP-12	39	7/24/2024	62.7	0.0	N/A	80.2	0.0	89150	396	20.8	OVR	12.3	0.5
VMP-12	39	10/31/2024	50.1	0.0	N/A	62.3	0.0	882470	132	83.6	OVR	15.9	0.5
VMP-12	39	2/7/2025	52.4	2.5	81.1	50.8	2.4	166280	583	81.7	OVR	17.5	0.9
VMP-13	5	4/29/2024	54.5	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	0.1	20.2
VMP-13 ¹⁰	5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13 ¹⁰	5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13	5	2/6/2025	51.8	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-13	10.5	4/29/2024	51.8	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.3	20.6
VMP-13 ¹⁰	10.5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13 ¹⁰	10.5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13	10.5	2/6/2025	50.1	0.0	N/A	54.7	0.0	8.9	0.0	0.0	0	2.8	17.7

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	4/29/2024	53.8	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.5	20.9
VMP-13 ¹⁰	21.5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13 ¹⁰	21.5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13	21.5	2/6/2025	55.4	0.0	N/A	53.9	0.0	405	0.5	0.0	0	2.8	17.7
VMP-13	29.5	4/29/2024	54.6	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-13 ¹⁰	29.5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13 ¹⁰	29.5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-13 ⁸	29.5	2/6/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	5	4/29/2024	58.6	0.0	N/A	53.5	2.0	0.0	0.0	0.0	0	1.3	19.2
VMP-14 ¹⁰	5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14 ¹⁰	5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	5	2/6/2025	50.0	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	0.8	20.9
VMP-14	11.5	4/29/2024	52.8	2.5	N/A	50.2	2.2	0.0	0.0	0.0	0	1.3	19.2
VMP-14 ¹⁰	11.5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14 ¹⁰	11.5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	11.5	2/6/2025	50.0	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	0.6	20.1
VMP-14	20	4/29/2024	52.1	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	5.3	14.3
VMP-14 ¹⁰	20	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14 ¹⁰	20	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	20	2/6/2025	50.0	0.0	N/A	58.0	0.0	215	1.3	0.0	0	17.2	0.9
VMP-14	29	4/29/2024	52.4	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	3.1	16.7
VMP-14 ¹⁰	29	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14 ¹⁰	29	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	29	2/6/2025	50.0	0.0	N/A	60.6	0.0	59.0	2.7	0.0	0	7.0	12.6
VMP-15	5	4/30/2024	51.2	0.0	N/A	59.3	0.0	0.0	0.0	0.0	0	3.9	13.3
VMP-15	5	7/23/2024	50.1	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	1.8	18.8
VMP-15	5	10/29/2024	51.8	0.0	N/A	55.1	0.0	0.0	0.0	0.0	0	3.1	17.6
VMP-15	5	2/4/2025	50.0	0.0	N/A	57.8	0.0	0.0	0.0	0.0	0	3.5	19.3
VMP-15	21.5	4/30/2024	50.6	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	17.2	1.5
VMP-15	21.5	7/23/2024	51.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	12.3	11.3
VMP-15	21.5	10/29/2024	52.4	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	8.8	12.8
VMP-15	21.5	2/4/2025	50.0	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	11.6	14.4
VMP-15	25.5	4/30/2024	52.3	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	20.3	0.8
VMP-15	25.5	7/23/2024	62.4	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	10.6	12.0
VMP-15	25.5	10/29/2024	52.4	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	7.4	13.7
VMP-15	25.5	2/4/2025	50.1	0.0	N/A	53.6	0.0	0.0	0.0	0.0	0	11.9	11.5
VMP-15	29	4/30/2024	50.1	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	20.2	0.9
VMP-15	29	7/23/2024	52.0	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	10.0	12.9
VMP-15	29	10/29/2024	52.1	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	7.4	13.9
VMP-15	29	2/4/2025	50.1	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	11.8	7.2
VMP-16	5	5/2/2024	61.2	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	11.3	5.2
VMP-16	5	7/24/2024	60.7	0.0	N/A	59.7	0.0	0.0	0.0	0.0	0	0.8	20.2
VMP-16	5	10/31/2024	50.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.9	15.5
VMP-16	5	2/7/2025	50.7	0.0	N/A	50.2	0.0	21.4	7.8	0.0	0	2.7	19.2
VMP-16	13.5	5/2/2024	84.4	3.2	40.1	79.2	2.1	116000	449	36.4	OVR	15.1	0.3
VMP-16	13.5	7/24/2024	52.5	0.0	N/A	54.7	0.0	10030	627	2.3	46	15.5	0.3
VMP-16	13.5	10/31/2024	57.4	0.0	N/A	57.4	0.0	9330	486	1.6	32	17.2	0.3
VMP-16	13.5	2/7/2025	50.7	0.0	2.9	51.3	0.0	30570	420	5.4	OVR	15.8	0.2
VMP-16	19	5/2/2024	58.2	3.9	80.3	54.1	4.2	185000	205	80.2	OVR	15.0	0.2
VMP-16	19	7/24/2024	62.8	0.0	N/A	70.0	0.0	125760	231	53.2	OVR	15.0	0.4
VMP-16	19	10/31/2024	50.1	0.0	N/A	53.4	0.0	41130	1534	29.7	OVR	17.7	0.6
VMP-16	19	2/7/2025	50.7	0.0	36.6	50.2	1.8	114270	713	36.4	OVR	18.1	0.2
VMP-16	31	5/2/2024	54.2	5.3	84.7	54.3	5.1	245000	320	84.7	OVR	14.9	0.3
VMP-16	31	7/24/2024	63.8	0.0	N/A	66.2	2.6	150080	107	85.0	OVR	14.6	0.5
VMP-16	31	10/31/2024	50.0	0.0	N/A	56.8	0.0	70980	1206	44.7	OVR	18.2	0.6
VMP-16	31	2/7/2025	70.3	2.8	71	52.6	2.9	163240	853	68.4	OVR	18.8	0.3
VMP-17	5	4/30/2024	50.1	0.2	N/A	51.7	0.0	0.0	0.0	0.0	0	0.4	20.5
VMP-17 ¹⁰	5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-17 ¹⁰	5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-17	5	2/3/2025	53.8	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-18	8.5	4/26/2024	57.1	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	2.2	19.5
VMP-18	8.5	7/22/2024	57.4	0.0	N/A	58.8	0.0	0.0	3.4	0.0	0	0.5	20.9
VMP-18	8.5	10/30/2024	50.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.6
VMP-18	8.5	1/31/2025	50.4	0.0	N/A	63.0	0.0	0.0	0.0	0.0	0	0.2	20.2
VMP-19	5	5/1/2024	50.2	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.5	20.0
VMP-19	5	7/22/2024	50.1	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-19	5	10/24/2024	51.0	0.0	N/A	56.3	0.2	0.0	0.0	0.0	0	0.1	20.9
VMP-19	5	1/31/2025	50.1	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.1	20.3

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-20	5	4/29/2024	50.7	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	4.3	15.2
VMP-20	5	7/29/2024	55.6	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	11.5	9.9
VMP-20	5	10/30/2024	54.8	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	6.0	16.6
VMP-20	5	2/10/2025	50.0	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	1.8	19.9
VMP-20	10	4/29/2024	50.2	0.0	N/A	58.7	0.0	0.0	0.0	0.0	0	4.7	14.9
VMP-20	10	7/29/2024	51.0	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	12.8	7.9
VMP-20	10	10/30/2024	62.7	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	8.2	14.5
VMP-20	10	2/10/2025	50.0	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	3.0	18.8
VMP-20	25	4/29/2024	50.3	0.0	N/A	62.3	0.0	0.0	0.0	0.0	0	2.1	18.5
VMP-20	25	7/29/2024	51.5	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	4.8	15.1
VMP-20	25	10/30/2024	60.6	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	5.8	15.5
VMP-20	25	2/10/2025	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.2	18.6
VMP-20	39.5	4/29/2024	50.2	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	4.4	11.9
VMP-20	39.5	7/29/2024	54.2	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	8.7	7.3
VMP-20	39.5	10/30/2024	52.7	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	6.6	10.6
VMP-20	39.5	2/10/2025	50.0	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	3.5	15.0
VMP-21	5	5/6/2024	50.9	0.0	N/A	60.4	0.0	0.0	0.0	0.0	0	2.5	15.4
VMP-21	5	7/29/2024	50.9	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	6.1	13.7
VMP-21	5	11/1/2024	61.2	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	3.6	18.6
VMP-21	5	2/11/2025	50.0	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	1.1	20.1
VMP-21	10	5/6/2024	50.3	0.0	N/A	58.4	0.0	0.0	0.0	0.0	0	3.2	17.4
VMP-21	10	7/29/2024	51.7	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	5.5	13.2
VMP-21	10	11/1/2024	50.6	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	6.3	15.5
VMP-21	10	2/11/2025	50.1	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	4.3	17.8
VMP-21	25	5/6/2024	50.1	0.0	N/A	59.5	0.0	0.0	0.0	0.0	0	3.6	17.3
VMP-21	25	7/29/2024	50.3	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	3.2	15.5
VMP-21	25	11/1/2024	52.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	5.2	15.5
VMP-21	25	2/11/2025	50.0	0.0	N/A	60.2	0.0	0.0	0.0	0.0	0	4.7	16.1
VMP-21	33	5/6/2024	52.4	0.0	N/A	66.4	0.0	0.0	0.0	0.0	0	3.6	16.6
VMP-21	33	7/29/2024	53.2	0.0	N/A	64.0	0.0	0.0	0.0	0.0	0	3.2	16.1
VMP-21	33	11/1/2024	50.4	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	3.0	17.8
VMP-21 ⁸	33	2/11/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-22	5	5/1/2024	64.0	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.9	0.9
VMP-22	5	7/30/2024	50.1	0.0	N/A	53.8	0.0	0.0	1.9	0.0	0	1.6	17.9
VMP-22	5	11/4/2024	50.0	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-22	5	2/11/2025	68.1	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.5	20.9
VMP-22	10	5/1/2024	55.0	0.2	N/A	53.0	0.3	15.3	0.0	0.0	0	1.0	19.5
VMP-22	10	7/30/2024	50.1	0.0	N/A	53.1	0.0	0.0	3.3	0.0	0	1.5	17.9
VMP-22	10	11/4/2024	50.2	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.3	20.1
VMP-22	10	2/11/2025	51.8	0.0	N/A	52.5	0.2	0.0	0.0	0.0	0	0.3	20.9
VMP-22	18	5/1/2024	52.2	0.0	N/A	54.3	0.2	0.0	0.0	0.0	0	1.2	19.1
VMP-22	18	7/30/2024	50.1	0.0	N/A	63.2	0.0	0.0	4.9	0.0	0	1.9	19.0
VMP-22	18	11/4/2024	50.0	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	2.8	19.2
VMP-22	18	2/11/2025	66.4	0.1	N/A	53.0	0.1	0.0	0.0	0.0	0	1.0	20.9
VMP-22	38	5/1/2024	52.5	0.4	N/A	50.5	0.4	8.3	0.0	0.0	0	0.9	19.5
VMP-22	38	7/30/2024	50.3	0.2	N/A	65.5	1.2	0.0	5.2	0.0	0	0.8	19.8
VMP-22 ⁸	38	11/4/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-22	38	2/11/2025	52.4	0.7	N/A	50.1	2.3	0.0	0.0	0.0	0	0.5	20.9
VMP-23	5	4/30/2024	51.6	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	1.3	19.3
VMP-23	5	7/30/2024	61.2	0.0	N/A	52.7	0.0	0.0	1.2	0.0	0	2.8	18.2
VMP-23 ⁸	5	11/5/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23	5	2/4/2025	52.0	0.0	N/A	63.5	0.0	0.0	0.0	0.0	0	0.9	20.9
VMP-23	10	4/30/2024	54.6	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.1	19.6
VMP-23	10	7/30/2024	51.5	0.0	N/A	50.2	0.0	0.0	0.7	0.0	0	2.5	18.5
VMP-23 ⁸	10	11/5/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23	10	2/4/2025	52.6	0.0	N/A	58.2	0.0	0.0	0.0	0.0	0	0.9	20.9
VMP-23	25	4/30/2024	50.5	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.9	18.7
VMP-23	25	7/30/2024	52.2	0.0	N/A	50.6	0.0	0.0	0.6	0.0	0	2.8	17.8
VMP-23 ⁸	25	11/5/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23	25	2/4/2025	53.8	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	3.5	19.4
VMP-23	40	4/30/2024	51.6	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	3.0	18.0
VMP-23	40	7/30/2024	50.2	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	3.2	17.2
VMP-23 ⁸	40	11/5/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-23	40	2/4/2025	52.9	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	4.8	18.3
VMP-24	5	4/26/2024	50.1	0.0	N/A	60.8	0.0	0.0	0.0	0.0	0	4.7	16.8
VMP-24	5	7/25/2024	63.1	0.0	N/A	65.7	2.1	0.0	0.0	0.0	0	0.7	19.8
VMP-24	5	10/30/2024	50.0	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.5	20.6
VMP-24	5	2/4/2025	51.3	0.0	N/A	61.0	0.3	0.0	0.0	0.0	0	0.3	20.9

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-24	10	4/26/2024	51.0	0.0	N/A	66.1	0.0	0.0	0.0	0.0	0	5.0	16.3
VMP-24	10	7/25/2024	63.3	0.8	N/A	68.7	1.0	0.0	0.0	0.0	0	3.4	17.1
VMP-24	10	10/30/2024	50.0	0.0	N/A	61.3	0.0	0.0	0.0	0.0	0	3.6	17.6
VMP-24	10	2/4/2025	51.6	0.0	N/A	50.3	0.1	0.0	0.0	0.0	0	1.5	20.9
VMP-24	22	4/26/2024	52.3	0.0	N/A	62.1	0.0	0.0	0.0	0.0	0	4.3	16.6
VMP-24	22	7/25/2024	60.0	0.1	N/A	67.8	3.1	0.0	0.0	0.0	0	0.2	18.4
VMP-24	22	10/30/2024	50.2	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	0.5	20.0
VMP-24	22	2/4/2025	53.4	0.2	N/A	60.8	3.2	0.0	0.0	0.0	0	0.2	20.9
VMP-24	34	4/26/2024	50.3	0.0	N/A	55.1	1.8	0.0	0.0	0.0	0	2.7	17.9
VMP-24	34	7/25/2024	61.6	0.0	N/A	73.1	0.0	0.0	0.0	0.0	0	0.1	18.2
VMP-24	34	10/30/2024	50.0	0.0	N/A	64.4	0.0	0.0	0.0	0.0	0	0.4	19.5
VMP-24 ⁸	34	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	5	4/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25	5	7/23/2024	62.7	0.0	N/A	53.4	0.0	21620	4.4	2.6	52	8.2	0.5
VMP-25	5	10/29/2024	66.2	0.0	N/A	60.8	0.0	12310	1.3	1.0	20	6.4	0.9
VMP-25 ⁹	5	3/21/2025	50.4	0.0	N/A	52.9	0.0	25.0	0.5	0.0	0	5.8	4.5
VMP-25 ⁸	9.5	4/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25	9.5	7/23/2024	51.8	0.0	2.6	50.6	0.0	17480	5.5	2.0	40	7.0	1.2
VMP-25	9.5	10/29/2024	52.0	0.0	N/A	53.0	0.0	2660	1.0	0.3	6	5.1	2.7
VMP-25	9.5	2/4/2025	50.1	1.7	N/A	66.7	0.0	20560	1.3	1.8	36	2.2	10.2
VMP-25 ⁸	21	4/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁸	21	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	4/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-25 ⁷	31	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	5/6/2024	65.4	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.9	18.3
VMP-32	5	7/30/2024	56.3	0.0	N/A	57.0	0.0	0.0	3.7	0.0	0	0.1	20.8
VMP-32	5	11/1/2024	55.8	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	4.4	16.8
VMP-32	5	2/11/2025	51.3	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	2.0	20.0
VMP-32	10	5/6/2024	53.2	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	1.9	17.7
VMP-32	10	7/30/2024	60.4	0.0	N/A	50.3	0.0	0.0	3.5	0.0	0	3.2	16.9
VMP-32	10	11/4/2024	52.3	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	4.8	16.7
VMP-32	10	2/11/2025	52.1	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	2.5	20.2
VMP-32	20	5/6/2024	54.7	0.2	N/A	53.6	0.2	0.0	0.0	0.0	0	0.3	19.6
VMP-32	20	7/30/2024	54.0	0.0	N/A	50.2	0.2	0.0	4.4	0.0	0	0.5	20.1
VMP-32	20	11/4/2024	58.1	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.8	20.1
VMP-32	20	2/11/2025	51.3	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-32	30	5/6/2024	54.0	0.4	N/A	54.6	0.5	0.0	0.0	0.0	0	0.1	20.6
VMP-32	30	7/30/2024	50.4	0.5	N/A	51.6	0.8	0.0	4.6	0.0	0	0.3	20.8
VMP-32	30	11/4/2024	54.1	0.2	N/A	54.3	0.0	0.0	0.0	0.0	0	0.6	20.2
VMP-32	30	2/11/2025	51.8	0.1	N/A	51.7	0.4	0.0	0.0	0.0	0	0.2	20.9
VMP-41	10	4/30/2024	52.0	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.9	20.2
VMP-41	10	7/23/2024	58.7	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-41	10	10/29/2024	50.2	0.0	N/A	54.1	2.4	0.0	0.0	0.0	0	0.1	20.0
VMP-41	10	2/3/2025	56.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.2	20.9
VMP-41	20	4/30/2024	53.1	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.0	19.3
VMP-41	20	7/23/2024	50.7	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.2	20.5
VMP-41	20	10/29/2024	50.0	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	0.1	20.4
VMP-41	20	2/3/2025	54.1	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.3	20.1
VMP-41	26	4/30/2024	50.5	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.4	18.6
VMP-41	26	7/23/2024	50.1	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	0.3	20.2
VMP-41	26	10/29/2024	50.1	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-41	26	2/3/2025	52.4	0.0	N/A	50.5	0.1	0.0	0.0	0.0	0	0.5	20.7
VMP-42	10	5/3/2024	50.0	0.0	N/A	79.9	0.9	11.7	17.3	0.0	0	0.2	20.4
VMP-42	10	7/24/2024	50.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	20.3
VMP-42	10	10/28/2024	54.7	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	1.1	20.0
VMP-42	10	2/5/2025	50.0	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	0.3	20.8
VMP-42	20	5/3/2024	51.5	0.0	N/A	63.2	1.2	14.7	20.8	0.0	0	0.2	20.4
VMP-42	20	7/24/2024	52.4	0.0	N/A	53.3	0.2	0.0	0.0	0.0	0	0.6	20.1
VMP-42	20	10/28/2024	51.5	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	1.1	19.9
VMP-42	20	2/5/2025	50.0	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-42	30	5/6/2024	51.1	0.0	N/A	62.9	0.0	0.0	0.0	0.0	0	0.3	20.3
VMP-42	30	7/24/2024	52.2	0.2	N/A	52.2	0.2	0.0	0.0	0.0	0	1.3	19.1
VMP-42	30	10/28/2024	53.0	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.5	19.6
VMP-42	30	2/5/2025	50.0	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	0.9	20.5

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-43	10	5/3/2024	52.3	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.4
VMP-43	10	7/26/2024	63.5	0.0	N/A	82.3	0.0	0.0	0.0	0.0	0	0.7	19.9
VMP-43	10	10/28/2024	50.0	0.0	N/A	58.2	0.0	0.0	0.2	0.0	0	0.5	20.5
VMP-43	10	2/6/2025	61.8	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-43	20	5/3/2024	55.0	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	19.6
VMP-43	20	7/26/2024	62.7	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	0.8	19.3
VMP-43	20	10/28/2024	50.4	0.2	N/A	56.1	0.0	0.0	0.0	0.0	0	0.7	20.2
VMP-43	20	2/6/2025	60.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.4	20.6
VMP-43	30	5/3/2024	51.6	0.1	N/A	51.3	0.0	0.0	0.0	0.0	0	0.2	19.8
VMP-43	30	7/26/2024	65.3	0.1	N/A	67.8	0.1	0.0	0.0	0.0	0	0.5	19.6
VMP-43	30	10/28/2024	50.1	0.0	N/A	54.2	0.0	0.0	0.2	0.0	0	0.5	20.7
VMP-43	30	2/6/2025	58.1	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-44 ⁷	10	5/3/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	7/26/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	10/28/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	10	2/6/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	5/3/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	7/26/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	10/28/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	20	2/6/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	5/3/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	7/26/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	10/28/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-44 ⁷	30	2/6/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-45	10	5/3/2024	77.7	0.0	N/A	61.8	0.0	13.7	21.4	0.0	0	0.5	20.1
VMP-45	10	7/26/2024	60.5	0.0	N/A	68.5	0.0	0.0	0.0	0.0	0	0.9	19.9
VMP-45	10	10/28/2024	50.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.0	20.0
VMP-45	10	2/5/2025	51.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.9	20.7
VMP-45	20	5/3/2024	50.3	0.0	N/A	50.7	0.1	14.5	20.6	0.0	0	0.4	19.9
VMP-45	20	7/26/2024	60.4	0.0	N/A	70.6	0.0	0.0	0.0	0.0	0	0.9	19.3
VMP-45	20	10/28/2024	50.0	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.2	19.7
VMP-45	20	2/5/2025	50.2	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.0	20.4
VMP-45	30	5/3/2024	51.5	0.0	N/A	54.5	0.1	10.5	17.2	0.0	0	0.4	20.0
VMP-45	30	7/26/2024	61.7	0.2	N/A	71.0	0.2	0.0	0.0	0.0	0	0.7	19.3
VMP-45	30	10/28/2024	50.0	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	1.0	19.6
VMP-45	30	2/5/2025	51.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.0	20.6
VMP-47	5	4/29/2024	51.1	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	1.4	19.3
VMP-47	5	7/26/2024	50.1	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	3.9	16.7
VMP-47	5	10/25/2024	69.1	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.4	20.9
VMP-47 ⁹	5	3/21/2025	50.0	0.0	N/A	73.8	0.0	0.0	0.0	0.0	0	0.8	20.0
VMP-47	10	4/29/2024	50.2	0.0	N/A	62.9	0.0	0.0	0.0	0.0	0	1.8	18.6
VMP-47	10	7/26/2024	53.3	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	4.0	16.3
VMP-47	10	10/25/2024	58.1	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	2.3	20.9
VMP-47	10	2/3/2025	50.2	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	1.0	20.0
VMP-47	20	4/29/2024	51.3	0.0	N/A	62.4	0.0	0.0	0.0	0.0	0	1.6	18.7
VMP-47	20	7/26/2024	50.1	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	3.9	16.9
VMP-47	20	10/25/2024	58.8	0.0	N/A	56.6	0.0	0.0	0.0	0.0	0	3.0	20.9
VMP-47	20	2/3/2025	50.2	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.7	20.0
VMP-47	30	4/29/2024	50.3	0.0	N/A	61.2	0.0	0.0	0.0	0.0	0	1.7	19.1
VMP-47	30	7/26/2024	50.1	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	1.8	18.8
VMP-47	30	10/25/2024	71.4	0.0	N/A	76.2	0.0	0.0	0.0	0.0	0	2.5	20.9
VMP-47	30	2/3/2025	50.1	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	2.7	18.9
VMP-48	5	5/1/2024	53.4	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	2.1	16.2
VMP-48	5	7/31/2024	50.6	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	4.3	15.1
VMP-48	5	10/30/2024	51.4	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	1.9	19.8
VMP-48	5	2/10/2025	50.0	0.0	N/A	59.3	0.0	0.0	0.0	0.0	0	0.8	20.6
VMP-48	10	5/1/2024	51.0	0.0	N/A	56.3	0.0	39.9	11.1	0.0	0	1.5	17.8
VMP-48	10	7/31/2024	50.3	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	3.0	16.9
VMP-48	10	10/30/2024	52.1	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	2.6	19.9
VMP-48	10	2/10/2025	50.0	0.0	N/A	50.5	0.0	2.6	0.4	0.0	0	0.9	20.5
VMP-48	20	5/1/2024	53.4	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	0.9	19.5
VMP-48	20	7/31/2024	52.5	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	3.1	17.7
VMP-48	20	10/30/2024	53.2	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	4.4	17.0
VMP-48	20	2/10/2025	50.0	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	2.2	19.8
VMP-48	30	5/1/2024	50.1	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	2.0	19.3
VMP-48	30	7/31/2024	51.2	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	2.2	18.4
VMP-48	30	10/30/2024	53.8	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	3.8	16.3
VMP-48	30	2/10/2025	50.0	0.0	N/A	56.6	0.0	0.0	0.0	0.0	0	3.9	18.2

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-49	5	5/1/2024	56.2	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.2	19.5
VMP-49	5	7/29/2024	52.7	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.3	18.7
VMP-49	5	10/30/2024	55.5	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	2.1	19.2
VMP-49	5	2/11/2025	50.0	0.0	N/A	57.5	0.0	0.0	0.0	0.0	0	0.8	20.4
VMP-49	10	5/1/2024	50.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.3	18.9
VMP-49	10	7/29/2024	54.6	0.0	N/A	60.9	0.0	0.0	0.0	0.0	0	3.8	16.1
VMP-49	10	10/30/2024	52.3	0.0	N/A	57.9	0.0	0.0	0.0	0.0	0	3.3	18.1
VMP-49	10	2/11/2025	50.0	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	0.8	20.2
VMP-49	20	5/1/2024	66.0	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.1	18.9
VMP-49	20	7/29/2024	54.6	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	2.7	16.4
VMP-49	20	10/31/2024	58.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.9	19.5
VMP-49	20	2/11/2025	50.0	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	0.4	20.4
VMP-49	30	5/1/2024	52.7	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	0.7	19.8
VMP-49	30	7/29/2024	52.6	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	18.6
VMP-49	30	10/31/2024	53.2	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	1.2	20.0
VMP-49	30	2/11/2025	50.1	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	0.6	20.8
VMP-50	5	5/1/2024	50.2	0.0	N/A	57.6	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-50	5	7/30/2024	50.1	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.8	19.2
VMP-50	5	11/4/2024	50.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	0.7	20.3
VMP-50	5	2/10/2025	51.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	20.9
VMP-50	10	5/1/2024	51.1	0.0	N/A	58.7	0.0	0.0	0.0	0.0	0	0.3	20.7
VMP-50	10	7/30/2024	50.1	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	1.0	18.5
VMP-50	10	11/4/2024	50.0	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	1.0	20.2
VMP-50	10	2/10/2025	53.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-50	20	5/1/2024	52.1	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	0.5	20.6
VMP-50	20	7/30/2024	50.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.1	18.7
VMP-50 ⁹	20	11/21/2024	50.1	0.0	N/A	56.7	0.0	0.0	0.0	0.0	0	0.8	20.3
VMP-50	20	2/10/2025	52.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.5	20.7
VMP-50	30	5/1/2024	50.2	0.0	N/A	53.3	0.0	8.0	0.0	0.0	0	1.9	18.8
VMP-50	30	7/30/2024	57.3	0.0	N/A	52.2	0.0	5.2	1.2	0.0	0	1.8	17.4
VMP-50	30	11/4/2024	50.1	0.0	N/A	59.2	0.0	6.7	0.0	0.0	0	3.8	17.9
VMP-50	30	2/10/2025	50.7	0.0	N/A	52.9	0.0	6.8	0.1	0.0	0	3.5	19.7
VMP-51	5	4/26/2024	56.2	0.0	N/A	62.6	0.0	0.0	0.0	0.0	0	1.1	20.2
VMP-51	5	7/26/2024	60.0	0.0	N/A	89.6	0.0	0.0	0.0	0.0	0	1.2	19.2
VMP-51	5	11/1/2024	50.0	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	1.7	19.7
VMP-51	5	2/5/2025	51.4	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.7	20.9
VMP-51	10	4/26/2024	52.9	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.0	20.5
VMP-51	10	7/26/2024	67.8	0.0	N/A	75.6	0.0	0.0	0.0	0.0	0	2.0	18.0
VMP-51	10	11/1/2024	53.5	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	2.4	19.0
VMP-51	10	2/5/2025	52.2	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	1.0	20.9
VMP-51	20	4/26/2024	51.3	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	1.3	20.3
VMP-51	20	7/26/2024	72.2	0.0	N/A	81.6	0.0	0.0	0.0	0.0	0	2.0	18.0
VMP-51	20	11/1/2024	50.1	0.0	N/A	64.0	0.0	0.0	0.0	0.0	0	2.8	18.2
VMP-51	20	2/5/2025	51.4	0.0	N/A	53.5	0.7	0.0	0.0	0.0	0	2.4	20.3
VMP-51	30	4/26/2024	66.0	0.0	N/A	58.2	0.0	0.0	0.0	0.0	0	2.0	19.8
VMP-51	30	7/29/2024	50.1	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	2.7	17.8
VMP-51	30	11/1/2024	50.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.2	17.7
VMP-51	30	2/5/2025	52.2	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	3.3	19.1
VMP-52	5	4/26/2024	50.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.8	18.2
VMP-52	5	7/31/2024	50.0	0.0	N/A	56.4	0.0	0.0	0.0	0.0	0	5.7	13.1
VMP-52	5	11/4/2024	52.9	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	1.6	18.7
VMP-52	5	2/6/2025	52.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.1	20.3
VMP-52	10	4/26/2024	51.9	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	2.3	18.7
VMP-52	10	7/31/2024	50.1	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	4.4	14.4
VMP-52	10	11/4/2024	51.5	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	4.0	15.7
VMP-52	10	2/6/2025	56.1	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	3.2	17.5
VMP-52	20	4/26/2024	51.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.9	17.5
VMP-52	20	7/31/2024	50.2	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	4.8	13.4
VMP-52	20	11/4/2024	55.5	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	6.5	12.5
VMP-52	20	2/6/2025	65.7	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	7.5	12.4
VMP-52	30	4/26/2024	50.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.7	16.7
VMP-52	30	7/31/2024	50.3	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	4.9	12.9
VMP-52	30	11/4/2024	52.7	0.0	N/A	69.4	0.0	0.0	0.0	0.0	0	6.7	12.2
VMP-52	30	2/6/2025	54.5	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	7.8	12.0
VMP-53	5	4/25/2024	50.2	0.0	N/A	65.1	0.0	0.0	0.0	0.0	0	1.5	19.0
VMP-53	5	7/22/2024	50.1	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.4	20.2
VMP-53	5	10/24/2024	50.0	0.0	N/A	62.6	0.0	0.0	0.0	0.0	0	0.7	20.9
VMP-53	5	1/31/2025	50.9	0.0	N/A	55.1	0.0	0.0	0.0	0.0	0	0.4	20.9

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-53	10	4/25/2024	53.2	0.0	N/A	61.2	0.0	0.0	0.0	0.0	0	1.3	19.1
VMP-53	10	7/22/2024	50.3	0.0	N/A	59.8	0.0	8.8	0.0	0.0	0	1.0	20.6
VMP-53	10	10/24/2024	50.0	0.0	N/A	65.4	0.0	0.0	0.0	0.0	0	0.7	20.9
VMP-53	10	1/31/2025	51.4	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.5	20.9
VMP-53	20	4/25/2024	50.1	0.0	N/A	63.3	0.0	0.0	0.0	0.0	0	2.1	18.2
VMP-53	20	7/22/2024	50.1	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	1.2	20.4
VMP-53	20	10/24/2024	57.5	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	0.8	20.8
VMP-53	20	1/31/2025	50.2	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.9	20.7
VMP-53	30	4/25/2024	50.4	0.0	N/A	65.1	0.0	0.0	0.0	0.0	0	2.9	17.5
VMP-53	30	7/22/2024	50.0	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	1.7	19.7
VMP-53	30	10/24/2024	61.7	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.4	20.0
VMP-53	30	1/31/2025	52.4	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	1.8	20.1
VMP-54	5	4/25/2024	60.1	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.8	17.2
VMP-54	5	7/22/2024	52.2	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	4.0	15.7
VMP-54	5	10/25/2024	50.0	0.0	N/A	60.9	0.0	0.0	0.0	0.0	0	3.0	18.0
VMP-54	5	1/31/2025	53.1	0.1	N/A	54.2	0.0	0.0	0.0	0.0	0	1.3	20.9
VMP-54	10	4/25/2024	55.2	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.8	16.8
VMP-54	10	7/22/2024	59.0	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	3.4	16.0
VMP-54	10	10/25/2024	50.1	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	3.3	17.5
VMP-54	10	1/31/2025	52.5	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	2.2	20.2
VMP-54	20	4/25/2024	52.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.8	14.9
VMP-54	20	7/22/2024	51.0	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	3.1	15.4
VMP-54	20	10/25/2024	50.1	0.0	N/A	59.8	0.0	0.0	0.0	0.0	0	3.9	16.7
VMP-54	20	1/31/2025	55.3	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	3.2	19.0
VMP-54	30	4/25/2024	52.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.1	17.8
VMP-54	30	7/22/2024	54.2	0.0	N/A	54.1	0.0	0.0	5.3	0.0	0	2.8	17.0
VMP-54	30	10/25/2024	50.1	0.0	N/A	58.9	0.0	0.0	0.0	0.0	0	2.2	19.2
VMP-54	30	1/31/2025	50.8	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	0.8	20.8
VMP-55 ⁸	5	4/30/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	5	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	5	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	5	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	10	4/30/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	10	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	10	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	10	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55	20	4/30/2024	51.2	2.2	78.5	61.7	2.0	167000	268	79.8	OVR	14.6	0.2
VMP-55	20	7/23/2024	54.5	2.3	46.5	50.4	4.5	211570	311	85.1	OVR	14.3	0.6
VMP-55	20	10/29/2024	50.2	0.0	N/A	53.3	0.0	14750	909	7.6	OVR	15.3	0.7
VMP-55	20	2/4/2025	50.2	0.0	N/A	53.2	0.0	47780	352	8.9	OVR	16.6	9.5
VMP-55 ⁸	30	4/30/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	30	7/23/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	30	10/29/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-55 ⁸	30	2/4/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	5/2/2024	50.2	0.0	N/A	63.2	0.0	0.0	0.0	0.0	0	0.6	19.9
VMP-56	10	7/24/2024	61.3	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	1.1	19.6
VMP-56	10	10/31/2024	69.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.6	20.6
VMP-56	10	2/7/2025	50.0	0.0	N/A	63.1	0.0	0.0	0.0	0.0	0	0.3	20.9
VMP-56	25	5/2/2024	52.1	0.0	N/A	58.9	0.0	0.0	0.0	0.0	0	0.4	20.0
VMP-56	25	7/24/2024	54.7	0.0	N/A	51.0	0.1	0.0	0.0	0.0	0	1.2	18.4
VMP-56	25	10/31/2024	58.9	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	1.1	20.0
VMP-56	25	2/7/2025	50.0	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	0.6	20.9
VMP-56	38.5	5/2/2024	50.2	0.0	N/A	58.6	0.0	16230	2384	31.7	OVR	0.4	20.0
VMP-56	38.5	7/24/2024	51.1	0.0	N/A	56.3	0.1	658	217	0.1	2	0.6	18.9
VMP-56	38.5	10/31/2024	53.2	0.0	N/A	53.9	0.0	310	89.2	0.2	4	0.5	20.4
VMP-56	38.5	2/7/2025	50.0	0.0	N/A	57.8	0.0	270	71.3	0.1	2	0.4	20.9
VMP-62	5	4/29/2024	50.3	0.0	N/A	61.4	0.0	0.0	0.0	0.0	0	3.7	15.9
VMP-62	5	7/30/2024	69.5	0.0	N/A	58.3	0.0	0.0	0.0	0.0	0	10.5	11.1
VMP-62	5	10/25/2024	50.8	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	4.2	20.9
VMP-62	5	2/3/2025	50.0	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	1.6	19.6
VMP-62	10	4/29/2024	50.1	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	3.2	16.9
VMP-62	10	7/30/2024	55.4	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	7.8	13.0
VMP-62	10	10/25/2024	50.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	5.7	19.5
VMP-62	10	2/3/2025	50.1	0.0	N/A	61.2	0.0	0.0	0.0	0.0	0	3.1	19.3
VMP-62	20	4/29/2024	50.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.3	18.1
VMP-62	20	7/30/2024	50.2	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	5.5	14.9
VMP-62	20	10/25/2024	51.2	0.0	N/A	57.9	0.0	0.0	0.0	0.0	0	5.7	20.9
VMP-62	20	2/3/2025	50.0	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	2.9	18.9

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-62	30	4/29/2024	50.5	0.0	N/A	63.1	0.0	0.0	0.0	0.0	0	2.0	18.2
VMP-62	30	7/30/2024	50.4	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	2.1	17.4
VMP-62	30	10/25/2024	50.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.4	20.9
VMP-62	30	2/3/2025	50.2	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	2.6	17.9
VMP-63	5	5/3/2024	50.9	0.0	N/A	60.0	0.0	10.5	15.2	0.0	0	0.9	19.2
VMP-63	5	7/26/2024	50.2	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	3.3	17.6
VMP-63	5	10/28/2024	56.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.2	20.9
VMP-63	5	2/5/2025	50.1	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.7	20.9
VMP-63	10	5/3/2024	50.4	0.0	N/A	64.1	0.0	14.2	20.1	0.0	0	0.8	19.7
VMP-63	10	7/26/2024	50.1	0.0	N/A	56.7	0.0	0.0	0.0	0.0	0	3.0	17.6
VMP-63	10	10/28/2024	50.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.6	20.0
VMP-63	10	2/5/2025	50.0	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	0.8	20.4
VMP-63	20	5/3/2024	51.1	0.0	N/A	63.7	0.0	9.7	11.1	0.0	0	0.9	19.6
VMP-63	20	7/26/2024	50.1	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	2.8	17.7
VMP-63	20	10/28/2024	53.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.5	20.1
VMP-63	20	2/5/2025	50.0	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	1.0	20.2
VMP-63	30	5/3/2024	52.1	0.0	N/A	63.9	0.0	9.3	11.4	0.0	0	1.0	18.5
VMP-63	30	7/26/2024	50.4	0.0	N/A	61.6	0.0	0.0	0.0	0.0	0	2.6	17.8
VMP-63	30	10/28/2024	50.9	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.5	20.0
VMP-63	30	2/5/2025	50.0	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	1.1	20.1
VMP-64	5	4/26/2024	50.2	0.0	N/A	59.2	0.0	0.0	0.0	0.0	0	2.3	17.5
VMP-64	5	7/25/2024	50.1	0.0	N/A	58.2	0.0	0.0	0.0	0.0	0	3.7	17.4
VMP-64	5	10/25/2024	52.5	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.1	20.9
VMP-64	5	2/3/2025	50.1	0.0	N/A	58.5	0.0	0.0	0.0	0.0	0	2.5	19.4
VMP-64	10	4/26/2024	50.1	0.0	N/A	62.1	0.0	0.0	0.0	0.0	0	3.1	17.3
VMP-64	10	7/25/2024	50.1	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	4.3	14.8
VMP-64	10	10/25/2024	52.0	0.0	N/A	54.9	0.0	0.0	0.0	0.0	0	4.2	20.9
VMP-64	10	2/3/2025	50.2	0.0	N/A	57.3	0.0	0.0	0.0	0.0	0	3.6	19.2
VMP-64	20	4/26/2024	54.2	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	3.2	17.0
VMP-64	20	7/25/2024	51.2	0.0	N/A	59.8	0.0	0.0	0.0	0.0	0	3.4	16.4
VMP-64	20	10/25/2024	54.4	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	4.7	19.3
VMP-64	20	2/3/2025	50.1	0.0	N/A	55.1	0.0	0.0	0.0	0.0	0	4.6	19.8
VMP-64 ⁸	28	4/26/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	7/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	10/25/2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-64 ⁸	28	2/3/2025	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., CH₄ 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 table 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, capillary fringe, 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 it was inaccessible due to parking or nearby operations.
 11. VMP re-sampled due to anomalous results in the initial sample.
 12. VMP re-sampled due to issues with the canister after arriving at the laboratory.

TABLE 4
SOIL VAPOR SCREENING CRITERIA

Chemical	Residential (mg/m ³)	Industrial/ Commercial (mg/m ³)
TO-15 Analytes		
Acetone	750,000	750,000
Benzene	0.37	2.8
Bromodichloromethane	450,000	450,000
Bromoform	11.0	52.0
Bromomethane	6.9	42.0
1,3-Butadiene		
2-Butanone	6,400	40,000
Carbon disulfide	780	5,300
Carbon tetrachloride	0.21	1.5
Chlorobenzene	69.0	420
Chlorodibromomethane	57,000	57,000
Chloroethane		
Chloroform	0.11	0.92
Chloromethane		
Allyl chloride (3-Chloropropene)		
alpha-Chlorotoluene		
Cyclohexane		
1,2-Dibromo-3-chloropropane (DBCP)	0.0012	0.0062
1,2-Dibromoethane (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
Trichlorofluoromethane (Freon 11)	860	5,600
1,2,4-Trimethylbenzene		
1,3,5-Trimethylbenzene		
2,2,4-Trimethylpentane		
Vinyl chloride	0.29	4.8
Xylenes (total)	140	840
m,p-Xylene	130	820
o-Xylenes	120	790

Note:

- 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.
- Blank cells indicate that chemical does not have screening criteria.

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-1-5-050324	5/3/2024	< 0.0038	U		< 0.0081	U		< 0.011	U		< 0.0076	U		< 0.0055	U		< 0.0059	U		< 0.025	U		< 0.0092	U	
VMP-1	5	VMP-1-5-072624	7/26/2024	< 0.0040	U		< 0.0084	U		< 0.012	U		< 0.0079	U		< 0.0058	U		< 0.0061	U		< 0.026	U		< 0.0096	U	
VMP-1	5	VMP-1-5-102824	10/28/2024	< 0.0034	U		< 0.0072	U		0.0073	J		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-1	5	VMP-1-5-020525	2/5/2025	< 0.0029	U		< 0.0060	U		0.0098			< 0.0057	U		< 0.0041	U		< 0.0044	U		< 0.018	U		< 0.0069	U	
VMP-1	8.5	VMP-1-8.5-050324	5/3/2024	< 0.0039	U		< 0.0081	U		< 0.012	U		< 0.0076	U		< 0.0056	U		< 0.0059	U		< 0.025	U		< 0.0093	U	
VMP-1	8.5	VMP-1-8.5-072624	7/26/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		0.0013	J		< 0.021	U		< 0.0080	U	
VMP-1	8.5	VMP-1-8.5-102824	10/28/2024	< 0.0032	U		< 0.0068	U		0.0062	J		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-1	8.5	VMP-1-8.5-020525	2/5/2025	0.00068	J		< 0.0066	U		0.014			< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-1	38.5	VMP-1-38.5-050324	5/3/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0086	U	
VMP-1	38.5	VMP-1-38.5-072624	7/26/2024	< 0.0038	U		< 0.0079	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U		< 0.0091	U	
VMP-1	38.5	VMP-1-38.5-102824	10/28/2024	< 0.0034	U		< 0.0071	U		0.0050	J		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-1	38.5	VMP-1-38.5-020525	2/5/2025	0.00091	J		< 0.0061	U		0.027			< 0.0057	U		< 0.0042	U		< 0.0044	U		< 0.019	U		< 0.0070	U	
VMP-2	5	VMP-2-5-050624	5/6/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0041	J		< 0.023	U		< 0.0087	U	
VMP-2	5	VMP-2-5-072324	7/23/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-2	5	VMP-2-5-110124	11/1/2024	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-2	5	VMP-2-5-110124-DUP	11/1/2024	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-2	5	VMP-2-5-020725	2/7/2025	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-2	8.5	VMP-2-8.5-050624	5/6/2024	< 0.0034	U		0.0023	J		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0067			< 0.022	U		< 0.0082	U	
VMP-2	8.5	VMP-2-8.5-072324	7/23/2024	< 0.0034	U		0.0049	J		0.0059	J		< 0.0067	U		< 0.0049	U		0.0096			< 0.022	U		< 0.0082	U	
VMP-2	8.5	VMP-2-8.5-110124	11/1/2024	< 0.0030	U		< 0.0062	U		< 0.0088	U		< 0.0058	U		< 0.0043	U		0.0012	J		< 0.019	U		< 0.0071	U	
VMP-2	8.5	VMP-2-8.5-032125	3/21/2025	0.00059	J		0.0017	J		< 0.01	U		< 0.0066	U		< 0.0048	U		0.0038	J		< 0.022	U		< 0.0081	U	
VMP-2	22	VMP-2-22-050624	5/6/2024	< 0.0032	U		0.0055	J		< 0.0096	U		< 0.0064	U		< 0.0046	U		0.01			< 0.021	U		< 0.0078	U	
VMP-2	22	VMP-2-22-072324	7/23/2024	< 0.0035	U		0.013			< 0.01	U		< 0.0069	U		< 0.0050	U		0.019			< 0.023	U		< 0.0084	U	
VMP-2	22	VMP-2-22-110124	11/1/2024	< 0.0031	U		0.0025	J		< 0.0093	U		< 0.0061	U		< 0.0045	U		0.0032	J		< 0.02	U		< 0.0075	U	
VMP-2	22	VMP-2-22-020725	2/7/2025	< 0.0032	U		0.0020	J		< 0.0096	U		< 0.0063	U		< 0.0046	U		0.0040	J		< 0.021	U		< 0.0077	U	
VMP-2	42	VMP-2-42-072324	7/23/2024	< 36	U		< 76	U		3000			< 72	U		< 52	U		< 56	U		< 94	U		< 88	U	
VMP-2	42	VMP-2-42-020725	2/7/2025	< 65	U		< 140	U		16000			< 130	U		< 94	U		< 100	U		< 170	U		< 160	U	
VMP-3	5	VMP-3-5-050224	5/2/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U		< 0.0092	U	
VMP-3	5	VMP-3-5-072524	7/25/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0057	U		< 0.024	U		< 0.0089	U	
VMP-3	5	VMP-3-5-103124	10/31/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-3	5	VMP-3-5-103124-DUP	10/31/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0083	U	
VMP-3	5	VMP-3-5-021025	2/10/2025	< 0.0033	U		< 0.0069	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-3	10	VMP-3-10-050224	5/2/2024	< 0.00																							

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	23.5	VMP-4-23.5-050624	5/6/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		0.0053			< 0.021	U		< 0.0080	U	
VMP-4	23.5	VMP-4-23.5-073024	7/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-4	23.5	VMP-4-23.5-110124	11/1/2024	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		0.011			< 0.02	U		< 0.0076	U	
VMP-4	23.5	VMP-4-23.5-021025	2/10/2025	< 0.0032	U		< 0.0068	U		0.0064	J		< 0.0064	U		< 0.0046	U		0.012			< 0.021	U		< 0.0078	U	
VMP-5	5	VMP-5-5-050124	5/1/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0015	J		< 0.022	U		< 0.0082	U	
VMP-5	5	VMP-5-5-072924	7/29/2024	< 0.0038	U		< 0.0079	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U		< 0.0091	U	
VMP-5	5	VMP-5-5-103024	10/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	UJ	UJ	< 0.022	U		< 0.0082	U	
VMP-5	5	VMP-5-5-020525	2/5/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-5	12.5	VMP-5-12.5-050124	5/1/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0017	J		< 0.022	U		< 0.0082	U	
VMP-5	12.5	VMP-5-12.5-072924	7/29/2024	< 0.0039	U		< 0.0083	U		< 0.012	U		< 0.0078	U		< 0.0057	U		< 0.0060	U		< 0.026	U		< 0.0095	U	
VMP-5	12.5	VMP-5-12.5-110124	11/1/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-5	12.5	VMP-5-12.5-110124-DUP	11/1/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-5	12.5	VMP-5-12.5-020525	2/5/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-5	31	VMP-5-31-050124	5/1/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0019	J		< 0.022	U		< 0.0082	U	
VMP-5	31	VMP-5-31-050124-DUP	5/1/2024	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		0.0020	J		< 0.02	U		< 0.0076	U	
VMP-5	31	VMP-5-31-072924	7/29/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0042	J		< 0.023	U		< 0.0087	U	
VMP-5	31	VMP-5-31-110124	11/1/2024	0.0027	J		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		0.0045	J		< 0.02	U		< 0.0074	U	
VMP-5	31	VMP-5-31-020525	2/5/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		0.0051			< 0.02	U		< 0.0074	U	
VMP-5	40	VMP-5-40-050124	5/1/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0013	J		< 0.022	U		< 0.0083	U	
VMP-5	40	VMP-5-40-072924	7/29/2024	< 0.0039	U		< 0.0082	U		< 0.012	U		< 0.0077	U		< 0.0056	U		0.0038	J		< 0.025	U		< 0.0094	U	
VMP-5	40	VMP-5-40-110124	11/1/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.0041	J		< 0.022	U		< 0.0080	U	
VMP-5	40	VMP-5-40-020525	2/5/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		0.0044	J		< 0.02	U		< 0.0074	U	
VMP-6	5	VMP-6-5-043024	4/30/2024	< 0.0041	U		< 0.0086	U		< 0.012	U		< 0.0081	U		< 0.0059	U		< 0.0063	U		< 0.026	U		< 0.0099	U	
VMP-6	5	VMP-6-5-043024-DUP	4/30/2024	< 0.0041	U		< 0.0086	U		< 0.012	U		< 0.0080	U		< 0.0059	U		< 0.0062	U		< 0.026	U		< 0.0098	U	
VMP-6	5	VMP-6-5-072424	7/24/2024	< 0.0036	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-6	5	VMP-6-5-110524	11/5/2024	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-6	5	VMP-6-5-021025	2/10/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-6	10	VMP-6-10-043024	4/30/2024	< 0.0039	U		< 0.0082	U		0.041			< 0.0077	U		0.0030	J		< 0.0060	U		< 0.025	U		< 0.0094	U	
VMP-6	10	VMP-6-10-072424	7/24/2024	< 0.0036	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		0.0025	J		< 0.024	U		< 0.0088	U	
VMP-6	10	VMP-6-10-110524	11/5/2024	< 0.0031	U		< 0.0066	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		0.0028	J		< 0.02	U		< 0.0075	U	
VMP-6	10	VMP-6-10-021025	2/10/2025	< 0.0031	U		< 0.0065	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-6	10	VMP-6-10-021025-DUP	2/10/2025	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-6	31.5	VMP-6-31.5-0430																									

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	38	VMP-7-38-050324	5/3/2024	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		0.0013	J		< 0.022	U		< 0.0081	U	
VMP-7	38	VMP-7-38-072524	7/25/2024	0.0012	J		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0020	J		< 0.022	U		< 0.0082	U	
VMP-7	38	VMP-7-38-102824	10/28/2024	0.00069	J		< 0.0069	U		0.0054	J		< 0.0065	U		< 0.0047	U		0.0013	J		< 0.021	U		< 0.0079	U	
VMP-7	38	VMP-7-38-020525	2/5/2025	< 0.0031	U		< 0.0065	U		0.0046	J		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-8	5	VMP-8-5-042524	4/25/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0083	U	
VMP-8	5	VMP-8-5-072224	7/22/2024	0.00087	J		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		0.0015	J		< 0.021	U		< 0.0077	U	
VMP-8	5	VMP-8-5-102524	10/25/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-8	5	VMP-8-5-013125	1/31/2025	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-8	9.5	VMP-8-9.5-042524	4/25/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-8	9.5	VMP-8-9.5-072224	7/22/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0013	J		< 0.022	U		< 0.0083	U	
VMP-8	9.5	VMP-8-9.5-102524	10/25/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-8	9.5	VMP-8-9.5-102524-DUP	10/25/2024	< 0.0033	U		< 0.0069	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		0.0012	J		< 0.021	U		< 0.0079	U	
VMP-8	9.5	VMP-8-9.5-013125	1/31/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-8	23.5	VMP-8-23.5-042524	4/25/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-8	23.5	VMP-8-23.5-072224	7/22/2024	0.0012	J		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-8	23.5	VMP-8-23.5-102524	10/25/2024	0.0014	J		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-8	23.5	VMP-8-23.5-013125	1/31/2025	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-8	35.5	VMP-8-35.5-042524	4/25/2024	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-8	35.5	VMP-8-35.5-090924	9/9/2024	0.014			< 0.0069	U		0.0094	J		< 0.0065	U		< 0.0048	U		0.0015	J		< 0.021	U		< 0.0080	U	
VMP-8	35.5	VMP-8-35.5-102524	10/25/2024	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		0.0012	J		< 0.02	U		< 0.0074	U	
VMP-8	35.5	VMP-8-35.5-013125	1/31/2025	< 0.0032	U		< 0.0068	U		0.0026	J		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-9	5	VMP-9-5-042524	4/25/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-9	5	VMP-9-5-072224	7/22/2024	< 0.0039	U		< 0.0082	U		< 0.012	U		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U		< 0.0094	U	
VMP-9	5	VMP-9-5-102424	10/24/2024	0.0082			< 0.0070	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U		< 0.0080	U	
VMP-9	5	VMP-9-5-013125	1/31/2025	< 0.0034	U		< 0.0072	U		0.0065	J		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-9	11.5	VMP-9-11.5-042524	4/25/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U		< 0.0090	U	
VMP-9	11.5	VMP-9-11.5-072224	7/22/2024	0.0033	J		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		0.0023	J		< 0.025	U		< 0.0092	U	
VMP-9	11.5	VMP-9-11.5-102424	10/24/2024	0.00078	J		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0020	J		< 0.022	U		< 0.0082	U	
VMP-9	11.5	VMP-9-11.5-013125	1/31/2025	< 0.0032	U		< 0.0068	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		0.0018	J		< 0.021	U		< 0.0078	U	
VMP-9	25.5	VMP-9-25.5-042524	4/25/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0057	U		< 0.024	U		< 0.0089	U	
VMP-9	25.5	VMP-9-25.5-072224	7/22/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0074	U		< 0.0054	U		0.0018	J		< 0.024	U		< 0.0090	U	
VMP-9	25.5	VMP-9-25.5-102424	10/24/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0083	U	
VMP-9	25.5																										

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-20	10	VMP-20-10-042924	4/29/2024	< 0.0039	U		< 0.0082	U		< 0.012	U		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U		< 0.0094	U	
VMP-20	10	VMP-20-10-072924	7/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0014	J		< 0.022	U		< 0.0084	U	
VMP-20	10	VMP-20-10-103024	10/30/2024	< 0.0030	U		< 0.0063	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		< 0.0046	UJ	UJ	< 0.02	U		< 0.0073	U	
VMP-20	10	VMP-20-10-021025	2/10/2025	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-20	25	VMP-20-25-042924	4/29/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0057	U		< 0.024	U		< 0.0090	U	
VMP-20	25	VMP-20-25-072924	7/29/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-20	25	VMP-20-25-103024	10/30/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	UJ	UJ	< 0.022	U		< 0.0083	U	
VMP-20	25	VMP-20-25-021025	2/10/2025	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-20	39.5	VMP-20-39.5-042924	4/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-20	39.5	VMP-20-39.5-072924	7/29/2024	< 0.0031	U		< 0.0066	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		0.0012	J		< 0.02	U		< 0.0075	U	
VMP-20	39.5	VMP-20-39.5-103024	10/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	UJ	UJ	< 0.022	U		< 0.0082	U	
VMP-20	39.5	VMP-20-39.5-021025	2/10/2025	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-21	5	VMP-21-5-050624	5/6/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0086	U	
VMP-21	5	VMP-21-5-072924	7/29/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-21	5	VMP-21-5-110124	11/1/2024	< 0.0028	U		< 0.0059	U		< 0.0084	U		< 0.0056	U		< 0.0041	U		< 0.0043	U		< 0.018	U		< 0.0068	U	
VMP-21	5	VMP-21-5-021125	2/11/2025	< 0.0031	U		< 0.0064	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-21	5	VMP-21-5-021125-DUP	2/11/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-21	10	VMP-21-10-050624	5/6/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-21	10	VMP-21-10-072924	7/29/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-21	10	VMP-21-10-072924-DUP	7/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-21	10	VMP-21-10-110124	11/1/2024	< 0.0030	U		< 0.0064	U		< 0.0090	U		< 0.0060	U		< 0.0044	U		< 0.0046	U		< 0.02	U		< 0.0073	U	
VMP-21	10	VMP-21-10-021125	2/11/2025	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-21	25	VMP-21-25-050624	5/6/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0087	U	
VMP-21	25	VMP-21-25-072924	7/29/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-21	25	VMP-21-25-110124	11/1/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-21	25	VMP-21-25-021125	2/11/2025	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-21	33	VMP-21-33-050624	5/6/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.024	U		< 0.0091	U	
VMP-21	33	VMP-21-33-050624-DUP	5/6/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-21	33	VMP-21-33-072924	7/29/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-21	33	VMP-21-33-110124	11/1/2024	< 0.0031	U		< 0.0066	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-22	5	VMP-22-5-050124	5/1/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-22	5	VMP-22-5-073024	7/30/2024	< 0.0																							

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

				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
Residential Screening Criteria (mg/m³)				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	40	VMP-23-40-043024	4/30/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0084	U	
VMP-23	40	VMP-23-40-073024	7/30/2024	0.0014	J		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0080	U	
VMP-23	40	VMP-23-40-020425	2/4/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0044	U		0.00097	J		< 0.02	U		< 0.0074	U	
VMP-24	5	VMP-24-5-042624	4/26/2024	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		0.0016	J		< 0.022	U		< 0.0081	U	
VMP-24	5	VMP-24-5-042624-DUP	4/26/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0015	J		< 0.022	U		< 0.0081	U	
VMP-24	5	VMP-24-5-072524	7/25/2024	< 0.0035	U		< 0.0073	U		0.011			< 0.0068	U		< 0.0050	U		0.0013	J		< 0.022	U		< 0.0084	U	
VMP-24	5	VMP-24-5-103024	10/30/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	UJ	UJ	< 0.021	U		< 0.0077	U	
VMP-24	5	VMP-24-5-020425	2/4/2025	< 0.0034	U		< 0.0072	U		0.0054	J		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-24	10	VMP-24-10-042624	4/26/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-24	10	VMP-24-10-072524	7/25/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-24	10	VMP-24-10-103024	10/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	UJ	UJ	< 0.022	U		< 0.0081	U	
VMP-24	10	VMP-24-10-020425	2/4/2025	< 0.0031	U		< 0.0065	U		0.0024	J		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-24	22	VMP-24-22-042624	4/26/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		0.0015	J		< 0.023	U		< 0.0085	U	
VMP-24	22	VMP-24-22-072524	7/25/2024	< 0.0039	U		< 0.0082	U		< 0.012	U		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U		< 0.0094	U	
VMP-24	22	VMP-24-22-103024	10/30/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	UJ	UJ	< 0.023	U		< 0.0084	U	
VMP-24	22	VMP-24-22-020425	2/4/2025	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-24	22	VMP-24-22-020425-DUP	2/4/2025	< 0.0031	U		< 0.0066	U		< 0.0093	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-24	34	VMP-24-34-042624	4/26/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		0.0090			< 0.022	U		< 0.0083	U	
VMP-24	34	VMP-24-34-072524	7/25/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U		< 0.0092	U	
VMP-24	34	VMP-24-34-103024	10/30/2024	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	UJ	UJ	< 0.021	U		< 0.0077	U	
VMP-32	5	VMP-32-5-050624	5/6/2024	< 0.0032	U		< 0.0066	U		0.0074	J		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-32	5	VMP-32-5-073024	7/30/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0084	U	
VMP-32	5	VMP-32-5-110124	11/1/2024	< 0.0030	U		< 0.0063	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		< 0.0046	U		< 0.02	U		< 0.0073	U	
VMP-32	5	VMP-32-5-021125	2/11/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-32	10	VMP-32-10-050624	5/6/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U		< 0.0092	U	
VMP-32	10	VMP-32-10-073024	7/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-32	10	VMP-32-10-110424	11/4/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		0.0012	J		< 0.021	U		< 0.0078	U	
VMP-32	10	VMP-32-10-021125	2/11/2025	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-32	20	VMP-32-20-050624	5/6/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-32	20	VMP-32-20-073024	7/30/2024	0.0044			< 0.0079	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0058	U		< 0.024	U		< 0.0091	U	
VMP-32	20	VMP-32-20-110424	11/4/2024	< 0.0033	U		< 0.0069	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-32	20	VMP-32-20-021125	2/11/2025	< 0.0031	U		< 0.0065	U		< 0.0092	U		< 0.0061	U		< 0.0045	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-32	30	VMP-32-30-050624	5/6/2024	<																							

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

				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
Residential Screening Criteria (mg/m³)				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-43	20	VMP-43-20-050324	5/3/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-43	20	VMP-43-20-072624	7/26/2024	< 0.0036	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-43	20	VMP-43-20-102824	10/28/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0053	U		0.0017	J		< 0.024	U		< 0.0089	U	
VMP-43	20	VMP-43-20-102824-DUP	10/28/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.0017	J		< 0.022	U		< 0.0080	U	
VMP-43	20	VMP-43-20-020625	2/6/2025	< 0.0031	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0045	U		0.0013	J		< 0.02	U		< 0.0076	U	
VMP-43	30	VMP-43-30-050324	5/3/2024	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-43	30	VMP-43-30-072624	7/26/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U		< 0.0090	U	
VMP-43	30	VMP-43-30-102824	10/28/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		0.0013	J		< 0.021	U		< 0.0077	U	
VMP-43	30	VMP-43-30-020625	2/6/2025	< 0.0030	U		< 0.0064	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U		< 0.0073	U	
VMP-45	10	VMP-45-10-050324	5/3/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-45	10	VMP-45-10-072624	7/26/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0053			< 0.022	U		< 0.0082	U	
VMP-45	10	VMP-45-10-102824	10/28/2024	< 0.0034	U		< 0.0071	U		0.0057	J		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-45	10	VMP-45-10-020525	2/5/2025	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-45	20	VMP-45-20-050324	5/3/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-45	20	VMP-45-20-072624	7/26/2024	0.00096	J		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0048	J		< 0.022	U		< 0.0083	U	
VMP-45	20	VMP-45-20-102824	10/28/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-45	20	VMP-45-20-020525	2/5/2025	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-45	20	VMP-45-20-020525-DUP	2/5/2025	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-45	30	VMP-45-30-050324	5/3/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-45	30	VMP-45-30-072624	7/26/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0052	J		< 0.023	U		< 0.0087	U	
VMP-45	30	VMP-45-30-072624-DUP	7/26/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		0.0050	J		< 0.025	U		< 0.0092	U	
VMP-45	30	VMP-45-30-102824	10/28/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-45	30	VMP-45-30-020525	2/5/2025	0.011			< 0.0063	U		0.0027	J		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-47	5	VMP-47-5-042924	4/29/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		0.0048	J		< 0.023	U		< 0.0085	U	
VMP-47	5	VMP-47-5-072624	7/26/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		0.015			< 0.021	U		< 0.0078	U	
VMP-47	5	VMP-47-5-102524	10/25/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-47	5	VMP-47-5-032125	3/21/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0050	J		< 0.022	U		< 0.0082	U	
VMP-47	10	VMP-47-10-042924	4/29/2024	< 0.0034	U		0.015			< 0.01	U		< 0.0068	U		< 0.0049	U		0.092			< 0.022	U		< 0.0083	U	
VMP-47	10	VMP-47-10-072624	7/26/2024	< 0.0036	U		0.013			< 0.011	U		< 0.0072	U		< 0.0052	U		0.11			< 0.024	U		< 0.0088	U	
VMP-47	10	VMP-47-10-102524	10/25/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-47	10	VMP-47-10-020325	2/3/2025	< 0.0032	U		0.0041	J		< 0.0096	U		< 0.0064	U		< 0.0046	U		0.028			< 0.021	U		< 0.0078	U	
VMP-47	20	VMP-47-20-042924	4/29/2024	< 0.0036	U		0.0051	J		< 0.011	U		< 0.0070	U		< 0.0051	U										

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-49	5	VMP-49-5-050124	5/1/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-49	5	VMP-49-5-072924	7/29/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-49	5	VMP-49-5-103024	10/30/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	UJ	UJ	< 0.023	U		< 0.0084	U	
VMP-49	5	VMP-49-5-103024-DUP	10/30/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0074	U		< 0.0054	U		< 0.0057	UJ	UJ	< 0.024	U		< 0.0090	U	
VMP-49	5	VMP-49-5-021125	2/11/2025	< 0.0062	U		< 0.013	U		< 0.018	U		< 0.012	U		< 0.0089	U		< 0.0094	U		< 0.04	U		< 0.015	U	
VMP-49	10	VMP-49-10-050124	5/1/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-49	10	VMP-49-10-072924	7/29/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0054	U		0.0021	J		< 0.024	U		< 0.0090	U	
VMP-49	10	VMP-49-10-103024	10/30/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0013	J	J	< 0.023	U		< 0.0087	U	
VMP-49	10	VMP-49-10-021125	2/11/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-49	20	VMP-49-20-050124	5/1/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-49	20	VMP-49-20-072924	7/29/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0071	U		0.0012	J		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-49	20	VMP-49-20-103124	10/31/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-49	20	VMP-49-20-021125	2/11/2025	< 0.0083	U		< 0.017	U		< 0.025	U		< 0.016	U		< 0.012	U		< 0.013	U		< 0.054	U		< 0.02	U	
VMP-49	30	VMP-49-30-050124	5/1/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0084	U	
VMP-49	30	VMP-49-30-072924	7/29/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-49	30	VMP-49-30-103124	10/31/2024	< 0.0033	U		< 0.0069	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-49	30	VMP-49-30-021125	2/11/2025	< 0.0030	U		< 0.0063	U		< 0.0089	U		< 0.0059	U		< 0.0043	U		< 0.0046	U		< 0.019	U		< 0.0072	U	
VMP-50	5	VMP-50-5-050124	5/1/2024	0.0021	J		< 0.0076	U		< 0.011	U		< 0.0072	U		< 0.0052	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-50	5	VMP-50-5-073024	7/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-50	5	VMP-50-5-110424	11/4/2024	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-50	5	VMP-50-5-021025	2/10/2025	< 0.0031	U		< 0.0065	U		0.0048	J		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-50	10	VMP-50-10-050124	5/1/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0072	U		< 0.0052	U		0.0021	J		< 0.024	U		< 0.0088	U	
VMP-50	10	VMP-50-10-073024	7/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		0.014		J	0.0014	J		< 0.022	U		< 0.0081	U	
VMP-50	10	VMP-50-10-073024-DUP	7/30/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U	UJ	0.0013	J		< 0.021	U		< 0.0079	U	
VMP-50	10	VMP-50-10-110424	11/4/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		0.0013	J		< 0.023	U		< 0.0084	U	
VMP-50	10	VMP-50-10-021025	2/10/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-50	20	VMP-50-20-050124	5/1/2024	< 0.0040	U		< 0.0084	U		< 0.012	U		< 0.0079	U		< 0.0058	U		0.0024	J		< 0.026	U		< 0.0096	U	
VMP-50	20	VMP-50-20-073024	7/30/2024	0.00096	J		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		0.0039	J		< 0.023	U		< 0.0084	U	
VMP-50	20	VMP-50-20-112124	11/21/2024	0.00064	J		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		0.0022	J		< 0.023	U		< 0.0086	U	
VMP-50	20	VMP-50-20-021025	2/10/2025	< 0.0033	U		< 0.0069	U		< 0.0097	U		0.0011	J		< 0.0047	U		0.0017	J		< 0.021	U		< 0.0079	U	
VMP-50	30	VMP-50-30-050124	5/1/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		0.018			< 0.023	U		< 0.0085	U	
VMP-50	30	VMP-50-30-073024	7/30/2024	0.0010	J		< 0.0067	U		0.024			< 0.0063	U		< 0.0046											

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

Residential Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-52	10	VMP-52-10-042624	4/26/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-52	10	VMP-52-10-073124	7/31/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0084	U	
VMP-52	10	VMP-52-10-110424	11/4/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0087	U	
VMP-52	10	VMP-52-10-020625	2/6/2025	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-52	20	VMP-52-20-042624	4/26/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-52	20	VMP-52-20-073124	7/31/2024	0.00095	J		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0089	U	
VMP-52	20	VMP-52-20-110424	11/4/2024	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-52	20	VMP-52-20-110424-DUP	11/4/2024	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-52	20	VMP-52-20-020625	2/6/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-52	30	VMP-52-30-042624	4/26/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-52	30	VMP-52-30-042624-DUP	4/26/2024	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-52	30	VMP-52-30-073124	7/31/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0089	U	
VMP-52	30	VMP-52-30-110424	11/4/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0087	U	
VMP-52	30	VMP-52-30-020625	2/6/2025	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-53	5	VMP-53-5-042524	4/25/2024	< 0.0036	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-53	5	VMP-53-5-072224	7/22/2024	0.0010	J		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		0.0016	J		< 0.022	U		< 0.0081	U	
VMP-53	5	VMP-53-5-102424	10/24/2024	0.0022	J		< 0.0068	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-53	5	VMP-53-5-013125	1/31/2025	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-53	10	VMP-53-10-042524	4/25/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-53	10	VMP-53-10-072224	7/22/2024	0.0012	J		0.0038	J		< 0.011	U		< 0.0072	U		< 0.0053	U		0.0064			< 0.024	U		< 0.0088	U	
VMP-53	10	VMP-53-10-102424	10/24/2024	0.0039			< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-53	10	VMP-53-10-013125	1/31/2025	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-53	20	VMP-53-20-042524	4/25/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-53	20	VMP-53-20-042524-DUP	4/25/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-53	20	VMP-53-20-072224	7/22/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0074	U		< 0.0054	U		0.0030	J		< 0.024	U		< 0.0090	U	
VMP-53	20	VMP-53-20-102424	10/24/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-53	20	VMP-53-20-013125	1/31/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-53	20	VMP-53-20-013125-DUP	1/31/2025	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-53	30	VMP-53-30-042524	4/25/2024	0.00092	J		< 0.0081	U		< 0.012	U		< 0.0076	U		< 0.0056	U		0.0018	J		< 0.025	U		< 0.0093	U	
VMP-53	30	VMP-53-30-072224	7/22/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0081	U	
VMP-53	30	VMP-53-30-102424	10/24/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-53	30	VMP-53																									

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

				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
Residential Screening Criteria (mg/m³)				0.37			450000						0.21			69			0.11						0.0078		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-56	38.5	VMP-56-38.5-050224	5/2/2024	42			< 4	U		65			< 3.8	U		< 2.8	U		< 2.9	U		< 5	U		< 4.6	U	
VMP-56	38.5	VMP-56-38.5-072424	7/24/2024	0.67			< 0.15	U		0.58			< 0.14	U		< 0.1	U		< 0.11	U		< 0.18	U		< 0.17	U	
VMP-56	38.5	VMP-56-38.5-103124	10/31/2024	0.36			< 0.13	U		2.1			< 0.12	U		< 0.092	U		< 0.098	U		< 0.16	U		< 0.15	U	
VMP-56	38.5	VMP-56-38.5-020725	2/7/2025	0.29			< 0.26	U		1.4			< 0.25	U		< 0.18	U		< 0.19	U		< 0.32	U		< 0.3	U	
VMP-62	5	VMP-62-5-042924	4/29/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0083	U	
VMP-62	5	VMP-62-5-073024	7/30/2024	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-62	5	VMP-62-5-102524	10/25/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0046	J		< 0.022	U		< 0.0081	U	
VMP-62	5	VMP-62-5-020325	2/3/2025	0.00069	J		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-62	5	VMP-62-5-020325-DUP	2/3/2025	< 0.0036	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-62	10	VMP-62-10-042924	4/29/2024	< 0.0036	U		0.0024	J		< 0.011	U		< 0.0071	U		< 0.0052	U		0.0095			< 0.023	U		< 0.0086	U	
VMP-62	10	VMP-62-10-073024	7/30/2024	< 0.0030	U		< 0.0063	U		< 0.0090	U		< 0.0059	U		< 0.0044	U		0.0049			< 0.02	U		< 0.0073	U	
VMP-62	10	VMP-62-10-102524	10/25/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		0.0053			< 0.021	U		< 0.0080	U	
VMP-62	10	VMP-62-10-020325	2/3/2025	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0043	J		< 0.022	U		< 0.0082	U	
VMP-62	20	VMP-62-20-042924	4/29/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		0.0043	J		< 0.023	U		< 0.0084	U	
VMP-62	20	VMP-62-20-073024	7/30/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		0.0039	J		< 0.022	U		< 0.0083	U	
VMP-62	20	VMP-62-20-102524	10/25/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		0.0029	J		< 0.021	U		< 0.0077	U	
VMP-62	20	VMP-62-20-020325	2/3/2025	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0052	U		0.0023	J		< 0.023	U		< 0.0086	U	
VMP-62	30	VMP-62-30-042924	4/29/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0089	U	
VMP-62	30	VMP-62-30-073024	7/30/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0086	U	
VMP-62	30	VMP-62-30-073024-DUP	7/30/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0084	U	
VMP-62	30	VMP-62-30-102524	10/25/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0066	U		< 0.0048	U		0.026			< 0.022	U		< 0.0081	U	
VMP-62	30	VMP-62-30-020325	2/3/2025	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-63	5	VMP-63-5-050324	5/3/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-63	5	VMP-63-5-072624	7/26/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0065	U		< 0.0048	U		< 0.0051	U		< 0.021	U		< 0.0080	U	
VMP-63	5	VMP-63-5-102824	10/28/2024	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-63	5	VMP-63-5-102824-DUP	10/28/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-63	5	VMP-63-5-020525	2/5/2025	< 0.0030	U		< 0.0064	U		< 0.0090	U		< 0.0060	U		< 0.0044	U		< 0.0046	U		< 0.02	U		< 0.0073	U	
VMP-63	5	VMP-63-5-020525-DUP	2/5/2025	< 0.0029	U		< 0.0061	U		< 0.0086	U		< 0.0057	U		< 0.0042	U		< 0.0044	U		< 0.019	U		< 0.0070	U	
VMP-63	10	VMP-63-10-050324	5/3/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0083	U	
VMP-63	10	VMP-63-10-072624	7/26/2024	0.0017	J		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0089	U	
VMP-63	10	VMP-63-10-102824	10/28/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-63	10	VMP-63-10-020525	2/5/2025	< 0.0066	U		< 0.014	U		< 0.02	U		< 0.013	U		< 0.0095	U		< 0.01	U		< 0.042	U		< 0.016	U	
VMP-63	20	VMP-63-20-050324	5/3/2024	< 0.0036	U		< 0.0076																				

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-1-5-050324	5/3/2024	< 0.0072	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.017	U		< 0.023	U		< 0.0052	U	
VMP-1	5	VMP-1-5-072624	7/26/2024	< 0.0075	U		< 0.0062	U		< 0.0050	U		< 0.043	U		< 0.0058	U		< 0.018	U		< 0.024	U		< 0.0054	U	
VMP-1	5	VMP-1-5-102824	10/28/2024	< 0.0064	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0068	J	J	< 0.0046	U	
VMP-1	5	VMP-1-5-020525	2/5/2025	< 0.0054	U		0.0025	J		< 0.0036	U		< 0.031	U		< 0.0042	U		< 0.013	U		< 0.017	U		< 0.0039	U	
VMP-1	8.5	VMP-1-8.5-050324	5/3/2024	< 0.0073	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.017	U		< 0.023	U		< 0.0052	U	
VMP-1	8.5	VMP-1-8.5-072624	7/26/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-1	8.5	VMP-1-8.5-102824	10/28/2024	< 0.0061	U		0.0023	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0054	J	J	< 0.0044	U	
VMP-1	8.5	VMP-1-8.5-020525	2/5/2025	< 0.0059	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0039	J		< 0.0043	U	
VMP-1	38.5	VMP-1-38.5-050324	5/3/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-1	38.5	VMP-1-38.5-072624	7/26/2024	< 0.0071	U		< 0.0059	U		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-1	38.5	VMP-1-38.5-102824	10/28/2024	< 0.0063	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0097	J		0.0060	J	J	< 0.0046	U	
VMP-1	38.5	VMP-1-38.5-020525	2/5/2025	< 0.0054	U		0.0024	J		< 0.0037	U		< 0.031	U		< 0.0042	U		< 0.013	U		0.0074	J		< 0.0039	U	
VMP-2	5	VMP-2-5-050624	5/6/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-2	5	VMP-2-5-072324	7/23/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-2	5	VMP-2-5-110124	11/1/2024	< 0.0058	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0047	J		< 0.0042	U	
VMP-2	5	VMP-2-5-110124-DUP	11/1/2024	< 0.0056	U		0.0028	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-2	5	VMP-2-5-020725	2/7/2025	< 0.0065	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-2	8.5	VMP-2-8.5-050624	5/6/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-2	8.5	VMP-2-8.5-072324	7/23/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-2	8.5	VMP-2-8.5-110124	11/1/2024	< 0.0056	U		0.0024	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-2	8.5	VMP-2-8.5-032125	3/21/2025	< 0.0063	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0086	J		< 0.0046	U	
VMP-2	22	VMP-2-22-050624	5/6/2024	< 0.0061	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-2	22	VMP-2-22-072324	7/23/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-2	22	VMP-2-22-110124	11/1/2024	< 0.0059	U		0.0030	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0069	J		< 0.0042	U	
VMP-2	22	VMP-2-22-020725	2/7/2025	< 0.0060	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0092	J		< 0.0044	U	
VMP-2	42	VMP-2-42-072324	7/23/2024	< 68	U		< 56	U		< 46	U		< 160	U		< 53	U		< 160	U		< 110	U		< 49	U	
VMP-2	42	VMP-2-42-020725	2/7/2025	< 120	U		< 100	U		< 83	U		< 280	U		< 95	U		< 300	U		< 190	U		< 89	U	
VMP-3	5	VMP-3-5-050224	5/2/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		0.013	J		< 0.0052	U	
VMP-3	5	VMP-3-5-072524	7/25/2024	< 0.0070	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-3	5	VMP-3-5-103124	10/31/2024	< 0.0064	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-3	5	VMP-3-5-103124-DUP	10/31/2024	< 0.0065	U		0.0027	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.0066	J		< 0.0047	U	
VMP-3	5	VMP-3-5-021025	2/10/2025	< 0.0062	U		0.0024	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		0.0055	J		< 0.0044	U	
VMP																											

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	23.5	VMP-4-23.5-050624	5/6/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-4	23.5	VMP-4-23.5-073024	7/30/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-4	23.5	VMP-4-23.5-110124	11/1/2024	< 0.0060	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-4	23.5	VMP-4-23.5-021025	2/10/2025	< 0.0061	U		0.0023	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.01	J		< 0.0044	U	
VMP-5	5	VMP-5-5-050124	5/1/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-5	5	VMP-5-5-072924	7/29/2024	< 0.0071	U		< 0.0058	U		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-5	5	VMP-5-5-103024	10/30/2024	< 0.0064	U		0.0022	J		< 0.0043	U		< 0.037	UJ	UJ	< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-5	5	VMP-5-5-020525	2/5/2025	< 0.0058	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-5	12.5	VMP-5-12.5-050124	5/1/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-072924	7/29/2024	< 0.0074	U		< 0.0061	U		< 0.0050	U		< 0.043	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0054	U	
VMP-5	12.5	VMP-5-12.5-110124	11/1/2024	< 0.0062	U		0.0027	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-110124-DUP	11/1/2024	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.01	J		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-020525	2/5/2025	< 0.0058	U		0.0028	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0058	J		< 0.0042	U	
VMP-5	31	VMP-5-31-050124	5/1/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-5	31	VMP-5-31-050124-DUP	5/1/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-5	31	VMP-5-31-072924	7/29/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-5	31	VMP-5-31-110124	11/1/2024	< 0.0058	U		0.0028	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0099	J		< 0.0042	U	
VMP-5	31	VMP-5-31-020525	2/5/2025	< 0.0058	U		0.0051			< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.016	J		< 0.0042	U	
VMP-5	40	VMP-5-40-050124	5/1/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.016	J		< 0.0047	U	
VMP-5	40	VMP-5-40-072924	7/29/2024	< 0.0073	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-5	40	VMP-5-40-110124	11/1/2024	< 0.0063	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0096	J		< 0.0045	U	
VMP-5	40	VMP-5-40-020525	2/5/2025	< 0.0058	U		0.0074			< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0064	J		< 0.0042	U	
VMP-6	5	VMP-6-5-043024	4/30/2024	< 0.0077	U		< 0.0064	U		< 0.0052	U		< 0.045	U		< 0.0059	U		< 0.018	U		< 0.024	U		< 0.0056	U	
VMP-6	5	VMP-6-5-043024-DUP	4/30/2024	< 0.0077	U		< 0.0063	U		< 0.0052	U		< 0.044	U		< 0.0059	U		< 0.018	U		< 0.024	U		< 0.0056	U	
VMP-6	5	VMP-6-5-072424	7/24/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-6	5	VMP-6-5-110524	11/5/2024	< 0.0060	U		0.0028	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-6	5	VMP-6-5-021025	2/10/2025	< 0.0061	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		0.0056	J		< 0.0044	U	
VMP-6	10	VMP-6-10-043024	4/30/2024	< 0.0074	U		< 0.0061	U		< 0.0050	U		< 0.043	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-6	10	VMP-6-10-072424	7/24/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-6	10	VMP-6-10-110524	11/5/2024	< 0.0059	U		0.0020	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-6	10	VMP-6-10-021025	2/10/2025	< 0.0059	U		0.0023	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0083	J		< 0.0042	U	
VMP-6	10	VMP-6-10-021025-DUP	2/10/2025	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.024			< 0.0045	U	
VMP-6	31.5	VMP-6-3																									

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

Residential Screening Criteria (mg/m³)				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	38	VMP-7-38-050324	5/3/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-7	38	VMP-7-38-072524	7/25/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-7	38	VMP-7-38-102824	10/28/2024	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0078	J	J	< 0.0045	U	
VMP-7	38	VMP-7-38-020525	2/5/2025	< 0.0058	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.012	J		< 0.0042	U	
VMP-8	5	VMP-8-5-042524	4/25/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-8	5	VMP-8-5-072224	7/22/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-8	5	VMP-8-5-102524	10/25/2024	< 0.0061	U		0.0020	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0054	J		< 0.0044	U	
VMP-8	5	VMP-8-5-013125	1/31/2025	< 0.0060	U		0.0026	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0073	J		< 0.0043	U	
VMP-8	9.5	VMP-8-9.5-042524	4/25/2024	< 0.0061	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-8	9.5	VMP-8-9.5-072224	7/22/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-102524	10/25/2024	< 0.0066	U		0.0022	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0076	J		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-102524-DUP	10/25/2024	< 0.0062	U		0.0022	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		0.0042	J		< 0.0044	U	
VMP-8	9.5	VMP-8-9.5-013125	1/31/2025	< 0.0065	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.068			< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-042524	4/25/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-8	23.5	VMP-8-23.5-072224	7/22/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-102524	10/25/2024	< 0.0060	U		0.0024	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-8	23.5	VMP-8-23.5-013125	1/31/2025	< 0.0063	U		0.0029	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0075	J		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-042524	4/25/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-090924	9/9/2024	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-8	35.5	VMP-8-35.5-102524	10/25/2024	< 0.0058	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-8	35.5	VMP-8-35.5-013125	1/31/2025	< 0.0061	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0040	J		< 0.0044	U	
VMP-9	5	VMP-9-5-042524	4/25/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-9	5	VMP-9-5-072224	7/22/2024	< 0.0074	U		< 0.0060	U		< 0.0050	U		< 0.042	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-9	5	VMP-9-5-102424	10/24/2024	< 0.0062	U		0.0019	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-9	5	VMP-9-5-013125	1/31/2025	< 0.0065	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0060	J		< 0.0047	U	
VMP-9	11.5	VMP-9-11.5-042524	4/25/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-9	11.5	VMP-9-11.5-072224	7/22/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-9	11.5	VMP-9-11.5-102424	10/24/2024	< 0.0064	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-9	11.5	VMP-9-11.5-013125	1/31/2025	< 0.0061	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-9	25.5	VMP-9-25.5-042524	4/25/2024	< 0.0070	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-9	25.5	VMP-9-25.5-072224	7/22/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-9	25.5	VMP-9-25.5-102424	10/24/2024	< 0.0065	U		0.0023	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.0056	J		<		

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-20	10	VMP-20-10-042924	4/29/2024	< 0.0073	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.018	U		0.027			< 0.0053	U	
VMP-20	10	VMP-20-10-072924	7/29/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-20	10	VMP-20-10-103024	10/30/2024	< 0.0057	U		0.0015	J		< 0.0038	U		< 0.033	UJ	UJ	< 0.0044	U		0.0067	J		< 0.018	U	UJ	< 0.0041	U	
VMP-20	10	VMP-20-10-021025	2/10/2025	< 0.0063	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.021			< 0.0046	U	
VMP-20	25	VMP-20-25-042924	4/29/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		0.012	J		< 0.0051	U	
VMP-20	25	VMP-20-25-072924	7/29/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-20	25	VMP-20-25-103024	10/30/2024	< 0.0065	U		0.0018	J		< 0.0044	U		< 0.038	UJ	UJ	< 0.0050	U		< 0.016	U		< 0.02	U	UJ	< 0.0047	U	
VMP-20	25	VMP-20-25-021025	2/10/2025	< 0.0060	U		0.0023	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.01	J		< 0.0043	U	
VMP-20	39.5	VMP-20-39.5-042924	4/29/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-20	39.5	VMP-20-39.5-072924	7/29/2024	< 0.0059	U		< 0.0048	U		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.023			< 0.0042	U	
VMP-20	39.5	VMP-20-39.5-103024	10/30/2024	< 0.0064	U		0.0018	J		< 0.0043	U		< 0.037	UJ	UJ	< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-20	39.5	VMP-20-39.5-021025	2/10/2025	< 0.0060	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.03			< 0.0043	U	
VMP-21	5	VMP-21-5-050624	5/6/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-21	5	VMP-21-5-072924	7/29/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.022			< 0.0048	U	
VMP-21	5	VMP-21-5-110124	11/1/2024	< 0.0053	U		0.0028	J		< 0.0036	U		< 0.031	U		< 0.0041	U		< 0.013	U		0.014	J		< 0.0038	U	
VMP-21	5	VMP-21-5-021125	2/11/2025	< 0.0058	U		0.0019	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	UJ	UJ	< 0.0042	U	
VMP-21	5	VMP-21-5-021125-DUP	2/11/2025	< 0.0061	U		0.0031	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0089	J	J	< 0.0044	U	
VMP-21	10	VMP-21-10-050624	5/6/2024	< 0.0066	U		0.0055			< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-21	10	VMP-21-10-072924	7/29/2024	< 0.0068	U		0.0062			< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.037			< 0.0049	U	
VMP-21	10	VMP-21-10-072924-DUP	7/29/2024	< 0.0065	U		0.0064			< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.046			< 0.0047	U	
VMP-21	10	VMP-21-10-110124	11/1/2024	< 0.0057	U		0.0048			< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.058			< 0.0041	U	
VMP-21	10	VMP-21-10-021125	2/11/2025	< 0.0056	U		0.0042	J		< 0.0038	U		< 0.033	U		< 0.0043	U		< 0.014	U		< 0.018	UJ	UJ	< 0.0041	U	
VMP-21	25	VMP-21-25-050624	5/6/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-21	25	VMP-21-25-072924	7/29/2024	< 0.0064	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.013	J		< 0.0046	U	
VMP-21	25	VMP-21-25-110124	11/1/2024	< 0.0061	U		0.0033	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-21	25	VMP-21-25-021125	2/11/2025	< 0.0060	U		0.0021	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	UJ	UJ	< 0.0043	U	
VMP-21	33	VMP-21-33-050624	5/6/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.041	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-21	33	VMP-21-33-050624-DUP	5/6/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-21	33	VMP-21-33-072924	7/29/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.01	J		< 0.0045	U	
VMP-21	33	VMP-21-33-110124	11/1/2024	< 0.0059	U		0.0028	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.019			< 0.0042	U	
VMP-22	5	VMP-22-5-050124	5/1/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.054			< 0.0046	U	
VMP-22	5	VMP-22-5-073024	7/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U													

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	40	VMP-23-40-043024	4/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-23	40	VMP-23-40-073024	7/30/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.023			< 0.0045	U	
VMP-23	40	VMP-23-40-020425	2/4/2025	< 0.0058	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0044	U		< 0.014	U		0.0074	J		< 0.0042	U	
VMP-24	5	VMP-24-5-042624	4/26/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	5	VMP-24-5-042624-DUP	4/26/2024	< 0.0064	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	5	VMP-24-5-072524	7/25/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-24	5	VMP-24-5-103024	10/30/2024	< 0.0060	U		0.0024	J		< 0.0041	U		< 0.035	UJ	UJ	< 0.0046	U		< 0.014	U		< 0.019	U	UJ	< 0.0044	U	
VMP-24	5	VMP-24-5-020425	2/4/2025	< 0.0064	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-24	10	VMP-24-10-042624	4/26/2024	< 0.0065	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.11			< 0.0047	U	
VMP-24	10	VMP-24-10-072524	7/25/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-24	10	VMP-24-10-103024	10/30/2024	< 0.0063	U		0.0020	J		< 0.0043	U		< 0.037	UJ	UJ	< 0.0049	U		< 0.015	U		< 0.02	U	UJ	< 0.0046	U	
VMP-24	10	VMP-24-10-020425	2/4/2025	< 0.0059	U		0.0025	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.012	J		< 0.0042	U	
VMP-24	22	VMP-24-22-042624	4/26/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-24	22	VMP-24-22-072524	7/25/2024	< 0.0074	U		< 0.0060	U		< 0.0050	U		< 0.042	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-24	22	VMP-24-22-103024	10/30/2024	< 0.0066	U		0.0020	J		< 0.0044	U		< 0.038	UJ	UJ	< 0.0051	U		< 0.016	U		< 0.021	U	UJ	< 0.0048	U	
VMP-24	22	VMP-24-22-020425	2/4/2025	< 0.0060	U		0.0029	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-24	22	VMP-24-22-020425-DUP	2/4/2025	< 0.0059	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-24	34	VMP-24-34-042624	4/26/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-24	34	VMP-24-34-072524	7/25/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-24	34	VMP-24-34-103024	10/30/2024	< 0.0060	U		0.0022	J		< 0.0040	U		< 0.035	UJ	UJ	< 0.0046	U		< 0.014	U		0.0099	J	J	< 0.0043	U	
VMP-32	5	VMP-32-5-050624	5/6/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.049			< 0.0043	U	
VMP-32	5	VMP-32-5-073024	7/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-32	5	VMP-32-5-110124	11/1/2024	< 0.0057	U		0.0022	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.015	J		< 0.0041	U	
VMP-32	5	VMP-32-5-021125	2/11/2025	< 0.0061	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		0.0054	J		< 0.0044	U	
VMP-32	10	VMP-32-10-050624	5/6/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-32	10	VMP-32-10-073024	7/30/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.024			< 0.0046	U	
VMP-32	10	VMP-32-10-110424	11/4/2024	< 0.0061	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-32	10	VMP-32-10-021125	2/11/2025	< 0.0060	U		0.0027	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0079	J		< 0.0043	U	
VMP-32	20	VMP-32-20-050624	5/6/2024	< 0.0065	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-32	20	VMP-32-20-073024	7/30/2024	< 0.0071	U		< 0.0058	U		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		0.014	J		< 0.0051	U	
VMP-32	20	VMP-32-20-110424	11/4/2024	< 0.0062	U		0.0024	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-32	20	VMP-32-20-021125	2/11/2025	< 0.0058	U		0.0027	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.0070	J		< 0.0042	U	
VMP-32	30	VMP-32-30-050624	5/6/2024	< 0.0066																							

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-43	20	VMP-43-20-050324	5/3/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-43	20	VMP-43-20-072624	7/26/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-43	20	VMP-43-20-102824	10/28/2024	< 0.0070	U		0.0021	J		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		0.0052	J	J	< 0.0050	U	
VMP-43	20	VMP-43-20-102824-DUP	10/28/2024	< 0.0063	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0058	J	J	< 0.0045	U	
VMP-43	20	VMP-43-20-020625	2/6/2025	< 0.0059	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0076	J		< 0.0043	U	
VMP-43	30	VMP-43-30-050324	5/3/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-43	30	VMP-43-30-072624	7/26/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		0.011	J		< 0.0050	U	
VMP-43	30	VMP-43-30-102824	10/28/2024	< 0.0060	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0091	J	J	< 0.0044	U	
VMP-43	30	VMP-43-30-020625	2/6/2025	< 0.0057	U		0.0027	J		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.0049	J		< 0.0041	U	
VMP-45	10	VMP-45-10-050324	5/3/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-45	10	VMP-45-10-072624	7/26/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.016	J		< 0.0046	U	
VMP-45	10	VMP-45-10-102824	10/28/2024	< 0.0064	U		0.0028	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0058	J	J	< 0.0046	U	
VMP-45	10	VMP-45-10-020525	2/5/2025	< 0.0056	U		0.0028	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		0.0043	J		< 0.0040	U	
VMP-45	20	VMP-45-20-050324	5/3/2024	< 0.0060	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-45	20	VMP-45-20-072624	7/26/2024	< 0.0065	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-45	20	VMP-45-20-102824	10/28/2024	< 0.0061	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0050	J	J	< 0.0044	U	
VMP-45	20	VMP-45-20-020525	2/5/2025	< 0.0056	U		0.0025	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		0.014	J		< 0.0040	U	
VMP-45	20	VMP-45-20-020525-DUP	2/5/2025	< 0.0056	U		0.0026	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		< 0.018	U		< 0.0040	U	
VMP-45	30	VMP-45-30-050324	5/3/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-45	30	VMP-45-30-072624	7/26/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-45	30	VMP-45-30-072624-DUP	7/26/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		0.014	J		< 0.0052	U	
VMP-45	30	VMP-45-30-102824	10/28/2024	< 0.0063	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-45-30-020525	2/5/2025	< 0.0056	U		0.0023	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		0.0068	J		< 0.0040	U	
VMP-47	5	VMP-47-5-042924	4/29/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-47	5	VMP-47-5-072624	7/26/2024	< 0.0061	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-47	5	VMP-47-5-102524	10/25/2024	< 0.0066	U		0.0026	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.011	J		< 0.0048	U	
VMP-47	5	VMP-47-5-032125	3/21/2025	< 0.0064	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0060	J		< 0.0046	U	
VMP-47	10	VMP-47-10-042924	4/29/2024	< 0.0065	U		0.0029	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-47	10	VMP-47-10-072624	7/26/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-47	10	VMP-47-10-102524	10/25/2024	< 0.0063	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0098	J		< 0.0046	U	
VMP-47	10	VMP-47-10-020325	2/3/2025	< 0.0061	U		0.0025	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0043	J		< 0.0044	U	
VMP-47	20	VMP-47-20-042924	4/29/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052											

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-49	5	VMP-49-5-050124	5/1/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-49	5	VMP-49-5-072924	7/29/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-49	5	VMP-49-5-103024	10/30/2024	< 0.0066	U		0.0018	J		< 0.0044	U		< 0.038	UJ	UJ	< 0.0051	U		< 0.016	U		< 0.021	U	UJ	< 0.0048	U	
VMP-49	5	VMP-49-5-103024-DUP	10/30/2024	< 0.0070	U		0.0018	J		< 0.0047	U		< 0.041	UJ	UJ	< 0.0054	U		< 0.017	U		< 0.022	U	UJ	< 0.0051	U	
VMP-49	5	VMP-49-5-021125	2/11/2025	< 0.012	U		< 0.0095	U		< 0.0078	U		< 0.067	U		< 0.0089	U		< 0.028	U		< 0.036	U	UJ	< 0.0084	U	
VMP-49	10	VMP-49-10-050124	5/1/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		0.0017	J	
VMP-49	10	VMP-49-10-072924	7/29/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-49	10	VMP-49-10-103024	10/30/2024	< 0.0068	U		0.0018	J		< 0.0046	U		< 0.039	UJ	UJ	< 0.0052	U		0.0061	J		< 0.021	U	UJ	< 0.0049	U	
VMP-49	10	VMP-49-10-021125	2/11/2025	< 0.0061	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.017	J	J	< 0.0044	U	
VMP-49	20	VMP-49-20-050124	5/1/2024	< 0.0063	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-49	20	VMP-49-20-072924	7/29/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-49	20	VMP-49-20-103124	10/31/2024	< 0.0062	U		0.0023	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-49	20	VMP-49-20-021125	2/11/2025	< 0.016	U		< 0.013	U		< 0.01	U		< 0.09	U		< 0.012	U		< 0.037	U		< 0.049	U	UJ	< 0.011	U	
VMP-49	30	VMP-49-30-050124	5/1/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-49	30	VMP-49-30-072924	7/29/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.011	J		< 0.0049	U	
VMP-49	30	VMP-49-30-103124	10/31/2024	< 0.0062	U		0.0027	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		0.0068	J		< 0.0044	U	
VMP-49	30	VMP-49-30-021125	2/11/2025	< 0.0056	U		0.0019	J		< 0.0038	U		< 0.032	U		< 0.0043	U		< 0.013	U		0.0078	J	J	< 0.0040	U	
VMP-50	5	VMP-50-5-050124	5/1/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-50	5	VMP-50-5-073024	7/30/2024	< 0.0063	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0099	J		< 0.0046	U	
VMP-50	5	VMP-50-5-110424	11/4/2024	< 0.0060	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-50	5	VMP-50-5-021025	2/10/2025	< 0.0059	U		0.0028	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		0.019			< 0.0042	U	
VMP-50	10	VMP-50-10-050124	5/1/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-50	10	VMP-50-10-073024	7/30/2024	< 0.0063	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0060	J		0.011	J		< 0.0046	U	
VMP-50	10	VMP-50-10-073024-DUP	7/30/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.02			< 0.0045	U	
VMP-50	10	VMP-50-10-110424	11/4/2024	< 0.0066	U		0.0023	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0069	J		< 0.0048	U	
VMP-50	10	VMP-50-10-021025	2/10/2025	< 0.0061	U		0.0027	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.0061	J		< 0.0044	U	
VMP-50	20	VMP-50-20-050124	5/1/2024	< 0.0075	U		< 0.0062	U		< 0.0050	U		< 0.043	U		< 0.0058	U		< 0.018	U		< 0.024	U		< 0.0054	U	
VMP-50	20	VMP-50-20-073024	7/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.01	J		< 0.0048	U	
VMP-50	20	VMP-50-20-112124	11/21/2024	< 0.0067	U		0.0019	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.02	J		< 0.0048	U	
VMP-50	20	VMP-50-20-021025	2/10/2025	< 0.0062	U		0.0023	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		0.0060	J		< 0.0044	U	
VMP-50	30	VMP-50-30-050124	5/1/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-50	30	VMP-50-30-073024	7/30/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.035	U</													

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Residential Screening Criteria (mg/m³)				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-52	10	VMP-52-10-042624	4/26/2024	< 0.0063	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-52	10	VMP-52-10-073124	7/31/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.012	J		< 0.0048	U	
VMP-52	10	VMP-52-10-110424	11/4/2024	< 0.0068	U		0.0022	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-52	10	VMP-52-10-020625	2/6/2025	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-52	20	VMP-52-20-042624	4/26/2024	< 0.0060	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-52	20	VMP-52-20-073124	7/31/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		0.013	J		< 0.0050	U	
VMP-52	20	VMP-52-20-110424	11/4/2024	< 0.0060	U		0.0025	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	20	VMP-52-20-110424-DUP	11/4/2024	< 0.0060	U		0.0021	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0070	J		< 0.0043	U	
VMP-52	20	VMP-52-20-020625	2/6/2025	< 0.0061	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		0.02			< 0.0044	U	
VMP-52	30	VMP-52-30-042624	4/26/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-52	30	VMP-52-30-042624-DUP	4/26/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-52	30	VMP-52-30-073124	7/31/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-52	30	VMP-52-30-110424	11/4/2024	< 0.0068	U		0.0020	J		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.0052	J		< 0.0049	U	
VMP-52	30	VMP-52-30-020625	2/6/2025	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.015	J		< 0.0045	U	
VMP-53	5	VMP-53-5-042524	4/25/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-53	5	VMP-53-5-072224	7/22/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	5	VMP-53-5-102424	10/24/2024	< 0.0061	U		0.0020	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-53	5	VMP-53-5-013125	1/31/2025	< 0.0064	U		0.0027	J		< 0.0043	U		< 0.037	U		< 0.0049	U		0.0044	J		< 0.02	U		< 0.0046	U	
VMP-53	10	VMP-53-10-042524	4/25/2024	< 0.0063	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	10	VMP-53-10-072224	7/22/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-53	10	VMP-53-10-102424	10/24/2024	< 0.0063	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	10	VMP-53-10-013125	1/31/2025	< 0.0066	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.0054	J		< 0.0048	U	
VMP-53	20	VMP-53-20-042524	4/25/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-53	20	VMP-53-20-042524-DUP	4/25/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-53	20	VMP-53-20-072224	7/22/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-53	20	VMP-53-20-102424	10/24/2024	< 0.0064	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	20	VMP-53-20-013125	1/31/2025	< 0.0064	U		0.0025	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0074	J		< 0.0046	U	
VMP-53	20	VMP-53-20-013125-DUP	1/31/2025	< 0.0063	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	30	VMP-53-30-042524	4/25/2024	< 0.0073	U		< 0.0060	U		< 0.0049	U		< 0.042	U		< 0.0056	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-53	30	VMP-53-30-072224	7/22/2024	< 0.0064	U		< 0.0052	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-53	30	VMP-53-30-102424	10/24/2024	< 0.0062	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-53	30	VMP-53-30-013125	1/31/																								

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

Residential Screening Criteria (mg/m³)				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
				1200			270			0.099			5.6			0.31			0.22						1.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-56	38.5	VMP-56-38.5-050224	5/2/2024	< 3.6	U		< 3	U		< 2.4	U		< 8.3	U		< 2.8	U		< 8.6	U		< 5.6	U		63		
VMP-56	38.5	VMP-56-38.5-072424	7/24/2024	< 0.13	U		< 0.11	U		< 0.089	U		< 0.3	U		< 0.1	U		< 0.32	U		< 0.21	U		7.1		
VMP-56	38.5	VMP-56-38.5-103124	10/31/2024	< 0.12	U		< 0.099	U		< 0.081	U		< 0.28	U		< 0.092	U		< 0.29	U		< 0.19	U		3		
VMP-56	38.5	VMP-56-38.5-020725	2/7/2025	< 0.24	U		< 0.19	U		< 0.16	U		< 0.55	U		< 0.18	U		< 0.57	U		< 0.37	U		2.2		
VMP-62	5	VMP-62-5-042924	4/29/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-62	5	VMP-62-5-073024	7/30/2024	< 0.0063	U		< 0.0052	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	5	VMP-62-5-102524	10/25/2024	< 0.0064	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0088	J		< 0.0046	U	
VMP-62	5	VMP-62-5-020325	2/3/2025	< 0.0064	U		0.0023	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0060	J		< 0.0046	U	
VMP-62	5	VMP-62-5-020325-DUP	2/3/2025	< 0.0069	U		0.0021	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		0.0081	J		< 0.0050	U	
VMP-62	10	VMP-62-10-042924	4/29/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-62	10	VMP-62-10-073024	7/30/2024	< 0.0057	U		< 0.0047	U		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.017	J		< 0.0041	U	
VMP-62	10	VMP-62-10-102524	10/25/2024	< 0.0062	U		0.0024	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.012	J		< 0.0045	U	
VMP-62	10	VMP-62-10-020325	2/3/2025	< 0.0064	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	20	VMP-62-20-042924	4/29/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		0.011	J		< 0.0048	U	
VMP-62	20	VMP-62-20-073024	7/30/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.016	J		< 0.0047	U	
VMP-62	20	VMP-62-20-102524	10/25/2024	< 0.0060	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-62	20	VMP-62-20-020325	2/3/2025	< 0.0067	U		0.0024	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-62	30	VMP-62-30-042924	4/29/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-62	30	VMP-62-30-073024	7/30/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.015	J		< 0.0048	U	
VMP-62	30	VMP-62-30-073024-DUP	7/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-62	30	VMP-62-30-102524	10/25/2024	< 0.0063	U		0.0022	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-62	30	VMP-62-30-020325	2/3/2025	< 0.0069	U		0.0025	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-63	5	VMP-63-5-050324	5/3/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-63	5	VMP-63-5-072624	7/26/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-63	5	VMP-63-5-102824	10/28/2024	< 0.0060	U		0.0026	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-63	5	VMP-63-5-102824-DUP	10/28/2024	< 0.0066	U		0.0025	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0085	J		< 0.0047	U	
VMP-63	5	VMP-63-5-020525	2/5/2025	< 0.0057	U		0.0025	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.0045	J		< 0.0041	U	
VMP-63	5	VMP-63-5-020525-DUP	2/5/2025	< 0.0055	U		0.0024	J		< 0.0037	U		< 0.032	U		< 0.0042	U		< 0.013	U		0.0051	J		< 0.0040	U	
VMP-63	10	VMP-63-10-050324	5/3/2024	< 0.0065	U		< 0.0053	U		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		< 0.02	U		< 0.0047	U	
VMP-63	10	VMP-63-10-072624	7/26/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		0.0013	J	
VMP-63	10	VMP-63-10-102824	10/28/2024	< 0.0060	U		0.0024	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0080	J	J	< 0.0044	U	
VMP-63	10	VMP-63-10-020525	2/5/2025	< 0.012	U		< 0.01	U		< 0.0083	U		< 0.071	U		< 0.0095	U		< 0.03	U		< 0.039	U		< 0.0089	U	
VMP-63	20	VMP-63-20-050324	5/3/2024	< 0.0068	U																						

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

				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Residential Screening Criteria (mg/m³)																						0.55			5.4		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-1-5-050324	5/3/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.02	U		< 0.014	U		< 0.012	U		< 0.0082	U		< 0.036	U	
VMP-1	5	VMP-1-5-072624	7/26/2024	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.02	U		< 0.015	U		0.0060	J		< 0.0085	U		< 0.037	U	
VMP-1	5	VMP-1-5-102824	10/28/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		0.0046	J		0.0029	J	J	< 0.0072	U		< 0.032	U	
VMP-1	5	VMP-1-5-020525	2/5/2025	< 0.0044	U		< 0.0037	U		0.0015	J		< 0.015	U		0.011			0.0027	J		< 0.0061	U		< 0.027	U	
VMP-1	8.5	VMP-1-8.5-050324	5/3/2024	< 0.0059	U		< 0.0050	U		< 0.0043	U		< 0.02	U		< 0.014	U		0.0090	J		< 0.0082	U		< 0.036	U	
VMP-1	8.5	VMP-1-8.5-072624	7/26/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0046	J		< 0.0070	U		< 0.031	U	
VMP-1	8.5	VMP-1-8.5-102824	10/28/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		0.0047	J		0.0045	J	J	< 0.0068	U		< 0.03	U	
VMP-1	8.5	VMP-1-8.5-020525	2/5/2025	< 0.0048	U		< 0.0040	U		0.0059			< 0.016	U		0.056			0.0048	J		< 0.0067	U		< 0.029	U	
VMP-1	38.5	VMP-1-38.5-050324	5/3/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0066	J		< 0.0076	U		< 0.033	U	
VMP-1	38.5	VMP-1-38.5-072624	7/26/2024	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.019	U		< 0.014	U		< 0.012	U		< 0.0080	U		< 0.035	U	
VMP-1	38.5	VMP-1-38.5-102824	10/28/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		0.0034	J		0.0024	J	J	< 0.0072	U		< 0.031	U	
VMP-1	38.5	VMP-1-38.5-020525	2/5/2025	< 0.0044	U		< 0.0037	U		0.0040			< 0.015	U		0.013			0.0076	J		< 0.0061	U		< 0.027	U	
VMP-2	5	VMP-2-5-050624	5/6/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.034	U	
VMP-2	5	VMP-2-5-072324	7/23/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		0.0095	J		< 0.0077	U		< 0.034	U	
VMP-2	5	VMP-2-5-110124	11/1/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.0019	J		0.0039	J		< 0.029	U	
VMP-2	5	VMP-2-5-110124-DUP	11/1/2024	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.0027	J		0.0024	J		< 0.028	U	
VMP-2	5	VMP-2-5-020725	2/7/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-2	8.5	VMP-2-8.5-050624	5/6/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-2	8.5	VMP-2-8.5-072324	7/23/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		0.026			0.0040	J		0.0038	J		< 0.032	U	
VMP-2	8.5	VMP-2-8.5-110124	11/1/2024	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.0015	J		0.0031	J		< 0.028	U	
VMP-2	8.5	VMP-2-8.5-032125	3/21/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0057	J		< 0.0072	U		< 0.031	U	
VMP-2	22	VMP-2-22-050624	5/6/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		0.014			< 0.03	U	
VMP-2	22	VMP-2-22-072324	7/23/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0052	J		0.0027	J		< 0.032	U	
VMP-2	22	VMP-2-22-110124	11/1/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.0022	J		0.0034	J		< 0.029	U	
VMP-2	22	VMP-2-22-020725	2/7/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-2	42	VMP-2-42-072324	7/23/2024	< 56	U		< 47	U		120			< 190	U		4900			< 140	U		< 77	U		< 340	U	
VMP-2	42	VMP-2-42-020725	2/7/2025	< 100	U		58	J		690			< 340	U		30000			< 250	U		< 140	U		< 610	U	
VMP-3	5	VMP-3-5-050224	5/2/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.02	U		0.0047	J		< 0.012	U		< 0.0081	U		< 0.035	U	
VMP-3	5	VMP-3-5-072524	7/25/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0092	J		< 0.0079	U		< 0.034	U	
VMP-3	5	VMP-3-5-103124	10/31/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0043	J	J	< 0.0072	U		< 0.032	U	
VMP-3	5	VMP-3-5-103124-DUP	10/31/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0027	J	J	< 0.0073	U		< 0.032	U	
VMP-3	5	VMP-3-5-021025	2/10/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0020	J		< 0.0070	U		< 0.03	U	
VMP-3	10	VMP-3-10-050224	5/2/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U	</															

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

				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Residential Screening Criteria (mg/m³)																						0.55			5.4		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	23.5	VMP-4-23.5-050624	5/6/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0046	J		< 0.0070	U		< 0.031	U	
VMP-4	23.5	VMP-4-23.5-073024	7/30/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.012			< 0.0072	U		< 0.032	U	
VMP-4	23.5	VMP-4-23.5-110124	11/1/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0031	J		< 0.0067	U		< 0.029	U	
VMP-4	23.5	VMP-4-23.5-021025	2/10/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		0.011	J		0.0017	J		< 0.0068	U		< 0.03	U	
VMP-5	5	VMP-5-5-050124	5/1/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-5	5	VMP-5-5-072924	7/29/2024	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.019	U		< 0.014	U		0.0054	J		< 0.0080	U		< 0.035	U	
VMP-5	5	VMP-5-5-103024	10/30/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.0033	J		< 0.0072	U		< 0.032	U	
VMP-5	5	VMP-5-5-020525	2/5/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		< 0.0095	U		< 0.0066	U		< 0.029	U	
VMP-5	12.5	VMP-5-12.5-050124	5/1/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-5	12.5	VMP-5-12.5-072924	7/29/2024	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.02	U		< 0.014	U		0.0049	J		< 0.0084	U		< 0.037	U	
VMP-5	12.5	VMP-5-12.5-110124	11/1/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0028	J		< 0.0070	U		< 0.031	U	
VMP-5	12.5	VMP-5-12.5-110124-DUP	11/1/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0027	J		< 0.0070	U		< 0.031	U	
VMP-5	12.5	VMP-5-12.5-020525	2/5/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		< 0.0095	U		< 0.0066	U		< 0.029	U	
VMP-5	31	VMP-5-31-050124	5/1/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-5	31	VMP-5-31-050124-DUP	5/1/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.029	U	
VMP-5	31	VMP-5-31-072924	7/29/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.01	J		0.015			< 0.034	U	
VMP-5	31	VMP-5-31-110124	11/1/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.012			< 0.0066	U		< 0.029	U	
VMP-5	31	VMP-5-31-020525	2/5/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.04			< 0.0066	U		< 0.029	U	
VMP-5	40	VMP-5-40-050124	5/1/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0098	J		< 0.0073	U		< 0.032	U	
VMP-5	40	VMP-5-40-072924	7/29/2024	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.02	U		< 0.014	U		0.01	J		< 0.0083	U		< 0.036	U	
VMP-5	40	VMP-5-40-110124	11/1/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0041	J		< 0.0071	U		< 0.031	U	
VMP-5	40	VMP-5-40-020525	2/5/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		< 0.0095	U		< 0.0066	U		< 0.029	U	
VMP-6	5	VMP-6-5-043024	4/30/2024	< 0.0063	U		< 0.0053	U		< 0.0045	U		< 0.021	U		< 0.015	U		< 0.013	U		0.021			< 0.038	U	
VMP-6	5	VMP-6-5-043024-DUP	4/30/2024	< 0.0063	U		< 0.0052	U		< 0.0045	U		< 0.021	U		< 0.015	U		< 0.012	U		0.0089			< 0.038	U	
VMP-6	5	VMP-6-5-072424	7/24/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0069	J		< 0.0078	U		< 0.034	U	
VMP-6	5	VMP-6-5-110524	11/5/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0045	J		< 0.0068	U		< 0.03	U	
VMP-6	5	VMP-6-5-021025	2/10/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		0.0041	J		0.0018	J		< 0.0069	U		< 0.03	U	
VMP-6	10	VMP-6-10-043024	4/30/2024	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.02	U		0.36			< 0.012	U		< 0.0083	U		< 0.036	U	
VMP-6	10	VMP-6-10-072424	7/24/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0072	J		< 0.0078	U		< 0.034	U	
VMP-6	10	VMP-6-10-110524	11/5/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.0028	J		< 0.0066	U		< 0.029	U	
VMP-6	10	VMP-6-10-021025	2/10/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.0017	J		< 0.0066	U		< 0.029	U	
VMP-6	10	VMP-6-10-021025-DUP	2/10/2025	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0051	J		< 0.0070	U		< 0.031	U	
VMP-6	31.5	VMP-6-31.5-043024	4/30/2024	< 0.0060	U		< 0.0050																				

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	0.55			5.4		
VMP-7	38	VMP-7-38-050324	5/3/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		0.011			< 0.031	U	
VMP-7	38	VMP-7-38-072524	7/25/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.013			0.0083			< 0.032	U	
VMP-7	38	VMP-7-38-102824	10/28/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		0.0045	J		0.0055	J	J	0.0067	J		< 0.03	U	
VMP-7	38	VMP-7-38-020525	2/5/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		< 0.0095	U		0.0072			< 0.029	U	
VMP-8	5	VMP-8-5-042524	4/25/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.032	U	
VMP-8	5	VMP-8-5-072224	7/22/2024	< 0.0049	U		< 0.0041	U		0.0022	J		< 0.016	U		< 0.012	U		0.0054	J		< 0.0068	U		< 0.03	U	
VMP-8	5	VMP-8-5-102524	10/25/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0023	J		< 0.0068	U		< 0.03	U	
VMP-8	5	VMP-8-5-013125	1/31/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0052	J		< 0.0068	U		< 0.03	U	
VMP-8	9.5	VMP-8-9.5-042524	4/25/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		0.0026	J		< 0.03	U	
VMP-8	9.5	VMP-8-9.5-072224	7/22/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0073	U		< 0.032	U	
VMP-8	9.5	VMP-8-9.5-102524	10/25/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0067	J	J	< 0.0074	U		< 0.032	U	
VMP-8	9.5	VMP-8-9.5-102524-DUP	10/25/2024	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0062	J	J	0.0027	J		< 0.03	U	
VMP-8	9.5	VMP-8-9.5-013125	1/31/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.017			< 0.0073	U		< 0.032	U	
VMP-8	23.5	VMP-8-23.5-042524	4/25/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-8	23.5	VMP-8-23.5-072224	7/22/2024	< 0.0054	U		< 0.0045	U		0.0018	J		< 0.018	U		< 0.013	U		0.0066	J		< 0.0074	U		< 0.032	U	
VMP-8	23.5	VMP-8-23.5-102524	10/25/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0023	J		0.042			< 0.029	U	
VMP-8	23.5	VMP-8-23.5-013125	1/31/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0048	J		< 0.0072	U		< 0.031	U	
VMP-8	35.5	VMP-8-35.5-042524	4/25/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.031	U	
VMP-8	35.5	VMP-8-35.5-090924	9/9/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		0.0072	J		0.0026	J		< 0.0070	U		< 0.031	U	
VMP-8	35.5	VMP-8-35.5-102524	10/25/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.0074	J		< 0.0066	U		< 0.029	U	
VMP-8	35.5	VMP-8-35.5-013125	1/31/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0074	J		< 0.0068	U		< 0.03	U	
VMP-9	5	VMP-9-5-042524	4/25/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-9	5	VMP-9-5-072224	7/22/2024	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.02	U		0.046			0.0070	J		< 0.0083	U		< 0.036	U	
VMP-9	5	VMP-9-5-102424	10/24/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0048	J		< 0.0070	U		< 0.031	U	
VMP-9	5	VMP-9-5-013125	1/31/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		0.0067	J		0.0051	J		< 0.0073	U		< 0.032	U	
VMP-9	11.5	VMP-9-11.5-042524	4/25/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0079	U		< 0.034	U	
VMP-9	11.5	VMP-9-11.5-072224	7/22/2024	< 0.0059	U		0.0030	J		0.023			< 0.02	U		0.066			0.014			< 0.0081	U		< 0.035	U	
VMP-9	11.5	VMP-9-11.5-102424	10/24/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0055	J		< 0.0072	U		< 0.032	U	
VMP-9	11.5	VMP-9-11.5-013125	1/31/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		0.0020	J		0.0023	J		0.0048	J		< 0.03	U	
VMP-9	25.5	VMP-9-25.5-042524	4/25/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		0.013	J		< 0.011	U		< 0.0079	U		< 0.034	U	
VMP-9	25.5	VMP-9-25.5-072224	7/22/2024	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0071	J		< 0.0079	U		< 0.035	U	
VMP-9	25.5	VMP-9-25.5-102424	10/24/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0065	J		0.0028	J		< 0.032	U	
VMP-9	25.5	VMP-9-25.5-102424-DUP	10/24/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0053	J		0.0026	J		< 0.		

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	0.55		5.4			
																						Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10	VMP-20-10-042924	4/29/2024	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.02	U		< 0.014	U		< 0.012	U		< 0.0083	U		< 0.036	U	
VMP-20	10	VMP-20-10-072924	7/29/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-20	10	VMP-20-10-103024	10/30/2024	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.0036	J		< 0.0064	U		< 0.028	U	
VMP-20	10	VMP-20-10-021025	2/10/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0033	J		< 0.0071	U		< 0.031	U	
VMP-20	25	VMP-20-25-042924	4/29/2024	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.012	U		< 0.0079	U		< 0.035	U	
VMP-20	25	VMP-20-25-072924	7/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-20	25	VMP-20-25-103024	10/30/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-20	25	VMP-20-25-021025	2/10/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0039	J		< 0.0068	U		< 0.03	U	
VMP-20	39.5	VMP-20-39.5-042924	4/29/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-20	39.5	VMP-20-39.5-072924	7/29/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.012			< 0.0066	U		< 0.029	U	
VMP-20	39.5	VMP-20-39.5-103024	10/30/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-20	39.5	VMP-20-39.5-021025	2/10/2025	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.05			< 0.0067	U		< 0.029	U	
VMP-21	5	VMP-21-5-050624	5/6/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0055	J		< 0.0076	U		< 0.033	U	
VMP-21	5	VMP-21-5-072924	7/29/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0070	J		< 0.0075	U		< 0.033	U	
VMP-21	5	VMP-21-5-110124	11/1/2024	< 0.0044	U		< 0.0036	U		< 0.0031	U		< 0.014	U		0.0032	J		0.025			< 0.0060	U		< 0.026	U	
VMP-21	5	VMP-21-5-021125	2/11/2025	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.0085	J	J	< 0.0065	U		< 0.028	U	
VMP-21	5	VMP-21-5-021125-DUP	2/11/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0076	J	J	< 0.0068	U		< 0.03	U	
VMP-21	10	VMP-21-10-050624	5/6/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0050	J		< 0.0074	U		< 0.032	U	
VMP-21	10	VMP-21-10-072924	7/29/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		0.0058	J		0.0046	J		< 0.034	U	
VMP-21	10	VMP-21-10-072924-DUP	7/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0045	J		< 0.032	U	
VMP-21	10	VMP-21-10-110124	11/1/2024	< 0.0047	U		< 0.0039	U		< 0.0033	U		< 0.016	U		< 0.011	U		0.0043	J		0.0022	J		< 0.028	U	
VMP-21	10	VMP-21-10-021125	2/11/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.013	J-	J	0.0024	J		< 0.028	U	
VMP-21	25	VMP-21-25-050624	5/6/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0021	J		< 0.034	U	
VMP-21	25	VMP-21-25-072924	7/29/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0046	J		0.0032	J		< 0.031	U	
VMP-21	25	VMP-21-25-110124	11/1/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		0.0036	J		< 0.03	U	
VMP-21	25	VMP-21-25-021125	2/11/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0092	J	J	0.0038	J		< 0.03	U	
VMP-21	33	VMP-21-33-050624	5/6/2024	< 0.0058	U		< 0.0049	U		< 0.0042	U		< 0.019	U		< 0.014	U		< 0.012	U		0.0035	J		< 0.035	U	
VMP-21	33	VMP-21-33-050624-DUP	5/6/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0036	J		< 0.033	U	
VMP-21	33	VMP-21-33-072924	7/29/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0045	J		0.0039	J		< 0.031	U	
VMP-21	33	VMP-21-33-110124	11/1/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.0025	J		0.0024	J		< 0.029	U	
VMP-22	5	VMP-22-5-050124	5/1/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.05			< 0.0072	U		< 0.032	U	
VMP-22	5	VMP-22-5-073024	7/30/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U										

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	40	VMP-23-40-043024	4/30/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0064	J		0.0029	J		< 0.033	U	
VMP-23	40	VMP-23-40-073024	7/30/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0043	J		< 0.0071	U		< 0.031	U	
VMP-23	40	VMP-23-40-020425	2/4/2025	< 0.0047	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		< 0.0095	U		< 0.0065	U		< 0.029	U	
VMP-24	5	VMP-24-5-042624	4/26/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.031	U	
VMP-24	5	VMP-24-5-042624-DUP	4/26/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.031	U	
VMP-24	5	VMP-24-5-072524	7/25/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		0.023			0.0071	J		< 0.0074	U		< 0.032	U	
VMP-24	5	VMP-24-5-103024	10/30/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0030	J		< 0.0068	U		< 0.03	U	
VMP-24	5	VMP-24-5-020425	2/4/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		0.0046	J		0.0078	J		< 0.0072	U		< 0.032	U	
VMP-24	10	VMP-24-10-042624	4/26/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.025			0.027			< 0.032	U	
VMP-24	10	VMP-24-10-072524	7/25/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-24	10	VMP-24-10-103024	10/30/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0054	J		< 0.0072	U		< 0.031	U	
VMP-24	10	VMP-24-10-020425	2/4/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		0.0046	J		< 0.0096	U		< 0.0066	U		< 0.029	U	
VMP-24	22	VMP-24-22-042624	4/26/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-24	22	VMP-24-22-072524	7/25/2024	< 0.0060	U		< 0.0050	U		< 0.0043	U		< 0.02	U		< 0.014	U		0.0069	J		< 0.0083	U		< 0.036	U	
VMP-24	22	VMP-24-22-103024	10/30/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0061	J		< 0.0075	U		< 0.033	U	
VMP-24	22	VMP-24-22-020425	2/4/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		0.0026	J		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-24	22	VMP-24-22-020425-DUP	2/4/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		0.0024	J		< 0.0096	U		< 0.0066	U		< 0.029	U	
VMP-24	34	VMP-24-34-042624	4/26/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.032	U	
VMP-24	34	VMP-24-34-072524	7/25/2024	0.024			< 0.0049	U		< 0.0042	U		< 0.02	U		< 0.014	U		0.0052	J		0.0022	J		< 0.035	U	
VMP-24	34	VMP-24-34-103024	10/30/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0062	J		< 0.0068	U		< 0.03	U	
VMP-32	5	VMP-32-5-050624	5/6/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		0.012	J		0.013			< 0.0067	U		< 0.029	U	
VMP-32	5	VMP-32-5-073024	7/30/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0039	J		< 0.0075	U		< 0.033	U	
VMP-32	5	VMP-32-5-110124	11/1/2024	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.013			< 0.0064	U		< 0.028	U	
VMP-32	5	VMP-32-5-021125	2/11/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0039	J		< 0.0069	U		< 0.03	U	
VMP-32	10	VMP-32-10-050624	5/6/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.02	U		< 0.014	U		< 0.012	U		< 0.0081	U		< 0.035	U	
VMP-32	10	VMP-32-10-073024	7/30/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.0077	J		< 0.0072	U		< 0.032	U	
VMP-32	10	VMP-32-10-110424	11/4/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-32	10	VMP-32-10-021125	2/11/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0093	J		< 0.0068	U		< 0.03	U	
VMP-32	20	VMP-32-20-050624	5/6/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-32	20	VMP-32-20-073024	7/30/2024	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.019	U		< 0.014	U		0.0062	J		< 0.0080	U		< 0.035	U	
VMP-32	20	VMP-32-20-110424	11/4/2024	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0022	J		< 0.0070	U		< 0.03	U	
VMP-32	20	VMP-32-20-021125	2/11/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.0040	J		< 0.0066	U		< 0.029	U	
VMP-32	30	VMP-32-30-050624	5/6/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	

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Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-43	20	VMP-43-20-050324	5/3/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-43	20	VMP-43-20-072624	7/26/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0088	J		< 0.0078	U		< 0.034	U	
VMP-43	20	VMP-43-20-102824	10/28/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0052	J	J	< 0.0079	U		< 0.034	U	
VMP-43	20	VMP-43-20-102824-DUP	10/28/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0048	J	J	< 0.0071	U		< 0.031	U	
VMP-43	20	VMP-43-20-020625	2/6/2025	< 0.0048	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0017	J		< 0.0067	U		< 0.029	U	
VMP-43	30	VMP-43-30-050324	5/3/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0039	J		< 0.0071	U		< 0.031	U	
VMP-43	30	VMP-43-30-072624	7/26/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.011	J		< 0.0079	U		< 0.034	U	
VMP-43	30	VMP-43-30-102824	10/28/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0079	J	J	< 0.0068	U		< 0.03	U	
VMP-43	30	VMP-43-30-020625	2/6/2025	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.0014	J		< 0.0065	U		< 0.028	U	
VMP-45	10	VMP-45-10-050324	5/3/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0046	J		< 0.0070	U		< 0.03	U	
VMP-45	10	VMP-45-10-072624	7/26/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.03			< 0.0072	U		< 0.032	U	
VMP-45	10	VMP-45-10-102824	10/28/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		0.0024	J		0.0088	J	J	< 0.0072	U		< 0.032	U	
VMP-45	10	VMP-45-10-020525	2/5/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		< 0.0092	U		< 0.0063	U		< 0.028	U	
VMP-45	20	VMP-45-20-050324	5/3/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-45	20	VMP-45-20-072624	7/26/2024	< 0.0053	U		< 0.0044	U		0.0063			< 0.018	U		0.0070	J		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-45	20	VMP-45-20-102824	10/28/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0052	J	J	< 0.0068	U		< 0.03	U	
VMP-45	20	VMP-45-20-020525	2/5/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.012			< 0.0063	U		< 0.028	U	
VMP-45	20	VMP-45-20-020525-DUP	2/5/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		< 0.0092	U		< 0.0063	U		< 0.028	U	
VMP-45	30	VMP-45-30-050324	5/3/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.03	U	
VMP-45	30	VMP-45-30-072624	7/26/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.013			< 0.0077	U		< 0.034	U	
VMP-45	30	VMP-45-30-072624-DUP	7/26/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.02	U		< 0.014	U		0.016			< 0.0081	U		< 0.035	U	
VMP-45	30	VMP-45-30-102824	10/28/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0030	J	J	< 0.0072	U		< 0.031	U	
VMP-45	30	VMP-45-30-020525	2/5/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		< 0.0092	U		< 0.0063	U		< 0.028	U	
VMP-47	5	VMP-47-5-042924	4/29/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-47	5	VMP-47-5-072624	7/26/2024	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0039	J		< 0.0069	U		< 0.03	U	
VMP-47	5	VMP-47-5-102524	10/25/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0067	J		< 0.0075	U		< 0.033	U	
VMP-47	5	VMP-47-5-032125	3/21/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0033	J		< 0.0072	U		< 0.032	U	
VMP-47	10	VMP-47-10-042924	4/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.032	U	
VMP-47	10	VMP-47-10-072624	7/26/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		0.0074	J		< 0.0077	U		< 0.034	U	
VMP-47	10	VMP-47-10-102524	10/25/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0054	J		< 0.0072	U		< 0.031	U	
VMP-47	10	VMP-47-10-020325	2/3/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0054	J		< 0.0068	U		< 0.03	U	
VMP-47	20	VMP-47-20-042924	4/29/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.033	U	
VMP-47	20</																										

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-49	5	VMP-49-5-050124	5/1/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.031	U	
VMP-49	5	VMP-49-5-072924	7/29/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-49	5	VMP-49-5-103024	10/30/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-49	5	VMP-49-5-103024-DUP	10/30/2024	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.012	U		< 0.0079	U		< 0.035	U	
VMP-49	5	VMP-49-5-021125	2/11/2025	< 0.0095	U		< 0.0079	U		< 0.0068	U		< 0.032	U		< 0.023	U		0.0079	J	J	< 0.013	U		< 0.057	U	
VMP-49	10	VMP-49-10-050124	5/1/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.034	U	
VMP-49	10	VMP-49-10-072924	7/29/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0079	U		< 0.034	U	
VMP-49	10	VMP-49-10-103024	10/30/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.034	U	
VMP-49	10	VMP-49-10-021125	2/11/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.021		J	< 0.0068	U		< 0.03	U	
VMP-49	20	VMP-49-20-050124	5/1/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.031	U	
VMP-49	20	VMP-49-20-072924	7/29/2024	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.033	U	
VMP-49	20	VMP-49-20-103124	10/31/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0024	J	J	< 0.0070	U		< 0.03	U	
VMP-49	20	VMP-49-20-021125	2/11/2025	< 0.013	U		< 0.011	U		< 0.0091	U		< 0.042	U		< 0.031	U		< 0.026	UJ	UJ	< 0.018	U		< 0.077	U	
VMP-49	30	VMP-49-30-050124	5/1/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-49	30	VMP-49-30-072924	7/29/2024	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.0051	J		< 0.0076	U		< 0.033	U	
VMP-49	30	VMP-49-30-103124	10/31/2024	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0029	J	J	< 0.0070	U		< 0.03	U	
VMP-49	30	VMP-49-30-021125	2/11/2025	< 0.0046	U		< 0.0038	U		< 0.0033	U		< 0.015	U		< 0.011	U		0.01	J-	J	< 0.0063	U		< 0.028	U	
VMP-50	5	VMP-50-5-050124	5/1/2024	0.0014	J		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.034	U	
VMP-50	5	VMP-50-5-073024	7/30/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0038	J		0.0078			< 0.031	U	
VMP-50	5	VMP-50-5-110424	11/4/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0026	J		0.0025	J		< 0.029	U	
VMP-50	5	VMP-50-5-021025	2/10/2025	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		0.0050	J		0.0042	J		< 0.0066	U		< 0.029	U	
VMP-50	10	VMP-50-10-050124	5/1/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.013	U		< 0.011	U		0.0054	J		< 0.034	U	
VMP-50	10	VMP-50-10-073024	7/30/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0076	J		0.014			< 0.031	U	
VMP-50	10	VMP-50-10-073024-DUP	7/30/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0052	J		0.015			< 0.03	U	
VMP-50	10	VMP-50-10-110424	11/4/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0067	J		0.0054	J		< 0.032	U	
VMP-50	10	VMP-50-10-021025	2/10/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0066	J		0.0024	J		< 0.03	U	
VMP-50	20	VMP-50-20-050124	5/1/2024	< 0.0061	U		< 0.0051	U		< 0.0044	U		< 0.02	U		< 0.015	U		< 0.012	U		0.0061	J		< 0.037	U	
VMP-50	20	VMP-50-20-073024	7/30/2024	< 0.0054	U		0.0016	J		0.0037	J		< 0.018	U		0.0046	J		0.0045	J		0.016			< 0.033	U	
VMP-50	20	VMP-50-20-112124	11/21/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0073	J		0.0063	J		< 0.033	U	
VMP-50	20	VMP-50-20-021025	2/10/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0020	J		< 0.0070	U		< 0.03	U	
VMP-50	30	VMP-50-30-050124	5/1/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		0.062			< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-50	30	VMP-50-30-073024	7/30/2024	< 0.0049	U		< 0.0041	U		0.0015	J		< 0.016	U		0.074			0.0048	J		< 0.0068	U		< 0.03	U	
VMP-50	30	VMP-50-30-110424	11/4/2024	< 0.0053	U																						

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-52	10	VMP-52-10-042624	4/26/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		0.15			< 0.031	U	
VMP-52	10	VMP-52-10-073124	7/31/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0087	J		< 0.0075	U		< 0.033	U	
VMP-52	10	VMP-52-10-110424	11/4/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.0022	J		< 0.0077	U		< 0.034	U	
VMP-52	10	VMP-52-10-020625	2/6/2025	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0040	J		< 0.0070	U		< 0.03	U	
VMP-52	20	VMP-52-20-042624	4/26/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0099	U		0.12			< 0.03	U	
VMP-52	20	VMP-52-20-073124	7/31/2024	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.034	U	
VMP-52	20	VMP-52-20-110424	11/4/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0098	U		< 0.0067	U		< 0.03	U	
VMP-52	20	VMP-52-20-110424-DUP	11/4/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0035	J		< 0.0067	U		< 0.029	U	
VMP-52	20	VMP-52-20-020625	2/6/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.018			< 0.0069	U		< 0.03	U	
VMP-52	30	VMP-52-30-042624	4/26/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-52	30	VMP-52-30-042624-DUP	4/26/2024	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.029	U	
VMP-52	30	VMP-52-30-073124	7/31/2024	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0071	J		< 0.0078	U		< 0.034	U	
VMP-52	30	VMP-52-30-110424	11/4/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.0029	J		< 0.0077	U		< 0.034	U	
VMP-52	30	VMP-52-30-020625	2/6/2025	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0056	J		< 0.0070	U		< 0.03	U	
VMP-53	5	VMP-53-5-042524	4/25/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.034	U	
VMP-53	5	VMP-53-5-072224	7/22/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.031	U	
VMP-53	5	VMP-53-5-102424	10/24/2024	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0036	J		< 0.0069	U		< 0.03	U	
VMP-53	5	VMP-53-5-013125	1/31/2025	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.0027	J		< 0.0072	U		< 0.032	U	
VMP-53	10	VMP-53-10-042524	4/25/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0042	J		0.0020	J		< 0.031	U	
VMP-53	10	VMP-53-10-072224	7/22/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0080	J		< 0.0078	U		< 0.034	U	
VMP-53	10	VMP-53-10-102424	10/24/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0043	J		< 0.0071	U		< 0.031	U	
VMP-53	10	VMP-53-10-013125	1/31/2025	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.015			< 0.0074	U		< 0.032	U	
VMP-53	20	VMP-53-20-042524	4/25/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-53	20	VMP-53-20-042524-DUP	4/25/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0074	U		< 0.032	U	
VMP-53	20	VMP-53-20-072224	7/22/2024	< 0.0058	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.017			< 0.0079	U		< 0.035	U	
VMP-53	20	VMP-53-20-102424	10/24/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0046	J		< 0.0072	U		< 0.032	U	
VMP-53	20	VMP-53-20-013125	1/31/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0042	J		< 0.0072	U		< 0.032	U	
VMP-53	20	VMP-53-20-013125-DUP	1/31/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0029	J		< 0.0071	U		< 0.031	U	
VMP-53	30	VMP-53-30-042524	4/25/2024	< 0.0060	U		< 0.0050	U		0.0038	J		< 0.02	U		0.019			0.0059	J		0.0024	J		< 0.036	U	
VMP-53	30	VMP-53-30-072224	7/22/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0042	J		< 0.0072	U		< 0.031	U	
VMP-53	30	VMP-53-30-102424	10/24/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0041	J		< 0.0070	U		< 0.031	U	
VMP-53	30	VMP-53-30-013125	1/31/2025	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0061								

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

Residential Screening Criteria (mg/m³)				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-56	38.5	VMP-56-38.5-050224	5/2/2024	59			420			500			< 9.8	U		270			1.1	J		< 4.1	U		< 18	U	
VMP-56	38.5	VMP-56-38.5-072424	7/24/2024	< 0.11	U		17			15			< 0.36	U		5.9			< 0.27	U		< 0.15	U		< 0.65	U	
VMP-56	38.5	VMP-56-38.5-103124	10/31/2024	7.5			8.6			10			< 0.33	U		14			< 0.24	U		< 0.14	U		< 0.59	U	
VMP-56	38.5	VMP-56-38.5-020725	2/7/2025	7			6.4			8.1			< 0.64	U		12			< 0.48	U		< 0.27	U		< 1.2	U	
VMP-62	5	VMP-62-5-042924	4/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.032	U	
VMP-62	5	VMP-62-5-073024	7/30/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0056	J		0.0020	J		< 0.031	U	
VMP-62	5	VMP-62-5-102524	10/25/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0054	J		< 0.0072	U		< 0.031	U	
VMP-62	5	VMP-62-5-020325	2/3/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0040	J		< 0.0072	U		< 0.032	U	
VMP-62	5	VMP-62-5-020325-DUP	2/3/2025	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0042	J		< 0.0078	U		< 0.034	U	
VMP-62	10	VMP-62-10-042924	4/29/2024	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.033	U	
VMP-62	10	VMP-62-10-073024	7/30/2024	< 0.0046	U		< 0.0039	U		< 0.0033	U		< 0.015	U		< 0.011	U		< 0.0093	U		0.33			< 0.028	U	
VMP-62	10	VMP-62-10-102524	10/25/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.02			0.0024	J		< 0.031	U	
VMP-62	10	VMP-62-10-020325	2/3/2025	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.0045	J		0.21			< 0.032	U	
VMP-62	20	VMP-62-20-042924	4/29/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0097	J		< 0.0075	U		< 0.033	U	
VMP-62	20	VMP-62-20-073024	7/30/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0048	J		0.15			< 0.032	U	
VMP-62	20	VMP-62-20-102524	10/25/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0047	J		< 0.0068	U		< 0.03	U	
VMP-62	20	VMP-62-20-020325	2/3/2025	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0038	J		0.18			< 0.033	U	
VMP-62	30	VMP-62-30-042924	4/29/2024	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.011	U		0.016			< 0.034	U	
VMP-62	30	VMP-62-30-073024	7/30/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0060	J		0.012			< 0.033	U	
VMP-62	30	VMP-62-30-073024-DUP	7/30/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0056	J		0.011			< 0.033	U	
VMP-62	30	VMP-62-30-102524	10/25/2024	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0042	J		< 0.0072	U		< 0.031	U	
VMP-62	30	VMP-62-30-020325	2/3/2025	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0038	J		0.018			< 0.034	U	
VMP-63	5	VMP-63-5-050324	5/3/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-63	5	VMP-63-5-072624	7/26/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0041	J		< 0.0070	U		< 0.031	U	
VMP-63	5	VMP-63-5-102824	10/28/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0026	J	J	< 0.0067	U		< 0.03	U	
VMP-63	5	VMP-63-5-102824-DUP	10/28/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0028	J	J	< 0.0074	U		< 0.032	U	
VMP-63	5	VMP-63-5-020525	2/5/2025	< 0.0047	U		< 0.0039	U		< 0.0033	U		< 0.016	U		< 0.011	U		0.0038	J		< 0.0064	U		< 0.028	U	
VMP-63	5	VMP-63-5-020525-DUP	2/5/2025	< 0.0045	U		< 0.0037	U		< 0.0032	U		< 0.015	U		< 0.011	U		0.0037	J		< 0.0062	U		< 0.027	U	
VMP-63	10	VMP-63-10-050324	5/3/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0073	U		< 0.032	U	
VMP-63	10	VMP-63-10-072624	7/26/2024	< 0.0057	U		0.0023	J		< 0.0041	U		< 0.019	U		< 0.014	U		0.0047	J		< 0.0078	U		< 0.034	U	
VMP-63	10	VMP-63-10-102824	10/28/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0040	J	J	< 0.0068	U		< 0.03	U	
VMP-63	10	VMP-63-10-020525	2/5/2025	< 0.01	U		< 0.0084	U		< 0.0072	U		< 0.034	U		< 0.024	U		0.0031	J		< 0.014	U		< 0.061	U	
VMP-63	20	VMP-63-20-050324	5/3/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0077	U		< 0.034	U	
VMP-63	20	VMP-63-20-072624	7/26/2024	< 0.0054																							

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-1-5-050324	5/3/2024	< 0.0065	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-1	5	VMP-1-5-072624	7/26/2024	< 0.0067	U		< 0.0061	J	U	< 0.0061	U		< 0.0058	U		< 0.011	U		< 0.0054	U	
VMP-1	5	VMP-1-5-102824	10/28/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-1	5	VMP-1-5-020525	2/5/2025	< 0.0048	U		< 0.0044	U		< 0.0044	U		< 0.0042	U		< 0.0078	U		< 0.0039	U	
VMP-1	8.5	VMP-1-8.5-050324	5/3/2024	< 0.0065	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		0.0010	J		< 0.0052	U	
VMP-1	8.5	VMP-1-8.5-072624	7/26/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-1	8.5	VMP-1-8.5-102824	10/28/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-1	8.5	VMP-1-8.5-020525	2/5/2025	< 0.0053	U		< 0.0048	U		< 0.0048	U		0.012			< 0.0086	U		< 0.0043	U	
VMP-1	38.5	VMP-1-38.5-050324	5/3/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-1	38.5	VMP-1-38.5-072624	7/26/2024	< 0.0064	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-1	38.5	VMP-1-38.5-102824	10/28/2024	0.0014	J		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-1	38.5	VMP-1-38.5-020525	2/5/2025	< 0.0049	U		< 0.0044	U		< 0.0044	U		0.0023	J		< 0.0078	U		< 0.0039	U	
VMP-2	5	VMP-2-5-050624	5/6/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-2	5	VMP-2-5-072324	7/23/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-2	5	VMP-2-5-110124	11/1/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-2	5	VMP-2-5-110124-DUP	11/1/2024	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-2	5	VMP-2-5-020725	2/7/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-2	8.5	VMP-2-8.5-050624	5/6/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-2	8.5	VMP-2-8.5-072324	7/23/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		0.0023	J		< 0.0093	U		< 0.0046	U	
VMP-2	8.5	VMP-2-8.5-110124	11/1/2024	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0043	U		< 0.0081	U		< 0.0040	U	
VMP-2	8.5	VMP-2-8.5-032125	3/21/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-2	22	VMP-2-22-050624	5/6/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-2	22	VMP-2-22-072324	7/23/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-2	22	VMP-2-22-110124	11/1/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-2	22	VMP-2-22-020725	2/7/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-2	42	VMP-2-42-072324	7/23/2024	< 61	U		< 56	U		< 56	U		98			< 50	U		< 50	U	
VMP-2	42	VMP-2-42-020725	2/7/2025	< 110	U		< 100	U		< 100	U		720			< 89	U		< 89	U	
VMP-3	5	VMP-3-5-050224	5/2/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		0.00094	J		< 0.0052	U	
VMP-3	5	VMP-3-5-072524	7/25/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		0.0022	J		< 0.0050	U	
VMP-3	5	VMP-3-5-103124	10/31/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-3	5	VMP-3-5-103124-DUP	10/31/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-3	5	VMP-3-5-021025	2/10/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-3	10	VMP-3-10-050224	5/2/2024	< 0.0065	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-3	10	VMP-3-10-072524	7/25/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-3	10	VMP-3-10-103124	10/31/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-3	10	VMP-3-10-021025	2/10/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-3	22	VMP-3-22-050224	5/2/2024	< 0.0065	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-3	22	VMP-3-22-090924	9/9/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		0.0052	J		< 0.01	U		< 0.0052	U	
VMP-3	22	VMP-3-22-103124	10/31/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-3	22	VMP-3-22-021025	2/10/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-3	31.5	VMP-3-31.5-050224	5/2/2024	< 0.0067	U		< 0.0061	U		< 0.0061	U		< 0.0058	U		< 0.011	U		< 0.0054	U	
VMP-3	31.5	VMP-3-31.5-072524	7/25/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		0.0014	J		< 0.0052	U	
VMP-3	31.5	VMP-3-31.5-103124	10/31/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-3	31.5	VMP-3-31.5-021125	2/11/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		0.0041	J		< 0.0093	U		< 0.0047	U	
VMP-3	39	VMP-3-39-050224	5/2/2024	< 0.78	U		< 0.71	U		< 0.71	U		10			< 0.63	U		< 0.63	U	
VMP-4	5	VMP-4-5-050624	5/6/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-4	5	VMP-4-5-050624-DUP	5/6/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-4	5	VMP-4-5-072924	7/29/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-4	5	VMP-4-5-072924-DUP	7/29/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-4	5	VMP-4-5-110124	11/1/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-4	5	VMP-4-5-110124-DUP	11/1/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-4	5	VMP-4-5-021025	2/10/2025	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-4	12	VMP-4-12-050624	5/6/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0098	U		< 0.0049	U	
VMP-4	12	VMP-4-12-072924	7/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0011	J		< 0.0047	U	
VMP-4	12	VMP-4-12-110124	11/1/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-4	12	VMP-4-12-021025	2/10/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	23.5	VMP-4-23.5-050624	5/6/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		0.0014	J	
VMP-4	23.5	VMP-4-23.5-073024	7/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-4	23.5	VMP-4-23.5-110124	11/1/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-4	23.5	VMP-4-23.5-021025	2/10/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-5	5	VMP-5-5-050124	5/1/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-5	5	VMP-5-5-072924	7/29/2024	0.0022	J		< 0.0058	U		< 0.0058	U		0.0030	J		< 0.01	U		< 0.0051	U	
VMP-5	5	VMP-5-5-103024	10/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-5	5	VMP-5-5-020525	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-5	12.5	VMP-5-12.5-050124	5/1/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-5	12.5	VMP-5-12.5-072924	7/29/2024	< 0.0066	U		< 0.0061	U		< 0.0061	U		< 0.0058	U		< 0.011	U		< 0.0054	U	
VMP-5	12.5	VMP-5-12.5-110124	11/1/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-110124-DUP	11/1/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-5	12.5	VMP-5-12.5-020525	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-5	31	VMP-5-31-050124	5/1/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-5	31	VMP-5-31-050124-DUP	5/1/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-5	31	VMP-5-31-072924	7/29/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-5	31	VMP-5-31-110124	11/1/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-5	31	VMP-5-31-020525	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-5	40	VMP-5-40-050124	5/1/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0094	U		< 0.0047	U	
VMP-5	40	VMP-5-40-072924	7/29/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		< 0.01	U		< 0.0053	U	
VMP-5	40	VMP-5-40-110124	11/1/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-5	40	VMP-5-40-020525	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-6	5	VMP-6-5-043024	4/30/2024	< 0.0069	U		< 0.0063	U		< 0.0063	U		< 0.0060	U		< 0.011	U		< 0.0056	U	
VMP-6	5	VMP-6-5-043024-DUP	4/30/2024	< 0.0069	U		< 0.0063	U		< 0.0063	U		< 0.0060	U		< 0.011	U		< 0.0056	U	
VMP-6	5	VMP-6-5-072424	7/24/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-6	5	VMP-6-5-110524	11/5/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-6	5	VMP-6-5-021025	2/10/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-6	10	VMP-6-10-043024	4/30/2024	0.0048	J		< 0.0060	U		< 0.0060	U		0.11			< 0.011	U		< 0.0053	U	
VMP-6	10	VMP-6-10-072424	7/24/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-6	10	VMP-6-10-110524	11/5/2024	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-6	10	VMP-6-10-021025	2/10/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-6	10	VMP-6-10-021025-DUP	2/10/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-6	31.5	VMP-6-31.5-043024	4/30/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		< 0.01	U		< 0.0053	U	
VMP-6	31.5	VMP-6-31.5-072424	7/24/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0098	U		< 0.0049	U	
VMP-6	31.5	VMP-6-31.5-072424-DUP	7/24/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-6	31.5	VMP-6-31.5-110524	11/5/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-6	31.5	VMP-6-31.5-021025	2/10/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-6	39	VMP-6-39-043024	4/30/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-6	39	VMP-6-39-072424	7/24/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-6	39	VMP-6-39-110524	11/5/2024	0.0033	J		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-6	39	VMP-6-39-021025	2/10/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-7	5	VMP-7-5-050324	5/3/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-7	5	VMP-7-5-072524	7/25/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0049	U	
VMP-7	5	VMP-7-5-102824	10/28/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-7	5	VMP-7-5-020525	2/5/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-7	5	VMP-7-5-020525-DUP	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-7	13.5	VMP-7-13.5-050324	5/3/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-050324-DUP	5/3/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0016	J		< 0.0047	U	
VMP-7	13.5	VMP-7-13.5-072524	7/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-7	13.5	VMP-7-13.5-102824	10/28/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-7	13.5	VMP-7-13.5-020525	2/5/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-7	29.5	VMP-7-29.5-050324	5/3/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-7	29.5	VMP-7-29.5-072524	7/25/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-7	29.5	VMP-7-29.5-102824	10/28/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-7	29.5	VMP-7-29.5-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	38	VMP-7-38-050324	5/3/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-7	38	VMP-7-38-072524	7/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-7	38	VMP-7-38-102824	10/28/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-7	38	VMP-7-38-020525	2/5/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-8	5	VMP-8-5-042524	4/25/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0022	J		< 0.0047	U	
VMP-8	5	VMP-8-5-072224	7/22/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		0.0019	J		0.0019	J		< 0.0043	U	
VMP-8	5	VMP-8-5-102524	10/25/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-8	5	VMP-8-5-013125	1/31/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-8	9.5	VMP-8-9.5-042524	4/25/2024	0.0032	J		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-8	9.5	VMP-8-9.5-072224	7/22/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0010	J		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-102524	10/25/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-8	9.5	VMP-8-9.5-102524-DUP	10/25/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-8	9.5	VMP-8-9.5-013125	1/31/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0094	U		< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-042524	4/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-8	23.5	VMP-8-23.5-072224	7/22/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		0.0042	J		< 0.0095	U		< 0.0047	U	
VMP-8	23.5	VMP-8-23.5-102524	10/25/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-8	23.5	VMP-8-23.5-013125	1/31/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-042524	4/25/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-8	35.5	VMP-8-35.5-090924	9/9/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-8	35.5	VMP-8-35.5-102524	10/25/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-8	35.5	VMP-8-35.5-013125	1/31/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-9	5	VMP-9-5-042524	4/25/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-9	5	VMP-9-5-072224	7/22/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		< 0.011	U		< 0.0053	U	
VMP-9	5	VMP-9-5-102424	10/24/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-9	5	VMP-9-5-013125	1/31/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0094	U		< 0.0047	U	
VMP-9	11.5	VMP-9-11.5-042524	4/25/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		0.0042	J		< 0.01	U		< 0.0050	U	
VMP-9	11.5	VMP-9-11.5-072224	7/22/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		0.027			< 0.01	U		< 0.0052	U	
VMP-9	11.5	VMP-9-11.5-102424	10/24/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-9	11.5	VMP-9-11.5-013125	1/31/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-9	25.5	VMP-9-25.5-042524	4/25/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		0.0024	J		< 0.01	U		< 0.0050	U	
VMP-9	25.5	VMP-9-25.5-072224	7/22/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-9	25.5	VMP-9-25.5-102424	10/24/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-9	25.5	VMP-9-25.5-102424-DUP	10/24/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-9	25.5	VMP-9-25.5-013125	1/31/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0043	U		< 0.0081	U		< 0.0040	U	
VMP-9	38.5	VMP-9-38.5-042524	4/25/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-9	38.5	VMP-9-38.5-042524-DUP	4/25/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-9	38.5	VMP-9-38.5-072224	7/22/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-9	38.5	VMP-9-38.5-102424	10/24/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		0.0036	J		< 0.0090	U		< 0.0045	U	
VMP-9	38.5	VMP-9-38.5-013125	1/31/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-18	8.5	VMP-18-8.5-042624	4/26/2024	0.0062			< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-18	8.5	VMP-18-8.5-072224	7/22/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-18	8.5	VMP-18-8.5-072224-DUP	7/22/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		0.00089	J		< 0.0048	U	
VMP-18	8.5	VMP-18-8.5-103024	10/30/2024	0.0017	J		< 0.0052	U		< 0.0052	U		0.0022	J		< 0.0092	U		< 0.0046	U	
VMP-18	8.5	VMP-18-8.5-013125	1/31/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-19	5	VMP-19-5-050124	5/1/2024	< 0.0067	U		< 0.0061	U		< 0.0061	U		< 0.0058	U		< 0.011	U		< 0.0054	U	
VMP-19	5	VMP-19-5-072224	7/22/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-19	5	VMP-19-5-072224-DUP	7/22/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-19	5	VMP-19-5-102424	10/24/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-19	5	VMP-19-5-013125	1/31/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-19	5	VMP-19-5-013125-DUP	1/31/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-20	5	VMP-20-5-042924	4/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-20	5	VMP-20-5-072924	7/29/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-20	5	VMP-20-5-072924-DUP	7/29/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-20	5	VMP-20-5-103024	10/30/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-20	5	VMP-20-5-021025	2/10/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10	VMP-20-10-042924	4/29/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		< 0.01	U		< 0.0053	U	
VMP-20	10	VMP-20-10-072924	7/29/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-20	10	VMP-20-10-103024	10/30/2024	< 0.0051	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-20	10	VMP-20-10-021025	2/10/2025	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-20	25	VMP-20-25-042924	4/29/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		0.0032	J		< 0.01	U		< 0.0051	U	
VMP-20	25	VMP-20-25-072924	7/29/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		0.00072	J		< 0.0046	U	
VMP-20	25	VMP-20-25-103024	10/30/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-20	25	VMP-20-25-021025	2/10/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-20	39.5	VMP-20-39.5-042924	4/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-20	39.5	VMP-20-39.5-072924	7/29/2024	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-20	39.5	VMP-20-39.5-103024	10/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-20	39.5	VMP-20-39.5-021025	2/10/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-21	5	VMP-21-5-050624	5/6/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-21	5	VMP-21-5-072924	7/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.0037	J		< 0.0096	U		< 0.0048	U	
VMP-21	5	VMP-21-5-110124	11/1/2024	0.0022	J		< 0.0044	U		< 0.0044	U		< 0.0041	U		< 0.0077	U		< 0.0038	U	
VMP-21	5	VMP-21-5-021125	2/11/2025	0.0033	J		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0042	U	
VMP-21	5	VMP-21-5-021125-DUP	2/11/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-21	10	VMP-21-10-050624	5/6/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		0.0024	J		< 0.0047	U	
VMP-21	10	VMP-21-10-072924	7/29/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-21	10	VMP-21-10-072924-DUP	7/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-21	10	VMP-21-10-110124	11/1/2024	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-21	10	VMP-21-10-021125	2/11/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-21	25	VMP-21-25-050624	5/6/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-21	25	VMP-21-25-072924	7/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-21	25	VMP-21-25-110124	11/1/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-21	25	VMP-21-25-021125	2/11/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-21	33	VMP-21-33-050624	5/6/2024	< 0.0064	U		< 0.0058	U		< 0.0058	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-21	33	VMP-21-33-050624-DUP	5/6/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-21	33	VMP-21-33-072924	7/29/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		0.0020	J		< 0.0045	U	
VMP-21	33	VMP-21-33-110124	11/1/2024	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-22	5	VMP-22-5-050124	5/1/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-22	5	VMP-22-5-073024	7/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		0.0013	J		< 0.0048	U	
VMP-22	5	VMP-22-5-110424	11/4/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		0.067			< 0.0087	U		< 0.0044	U	
VMP-22	5	VMP-22-5-021125	2/11/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-22	10	VMP-22-10-050124	5/1/2024	< 0.21	U		< 0.19	U		< 0.19	U		< 0.18	U		< 0.34	U		< 0.17	U	
VMP-22	10	VMP-22-10-073024	7/30/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-22	10	VMP-22-10-110424	11/4/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-22	10	VMP-22-10-021125	2/11/2025	< 0.0051	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-22	18	VMP-22-18-050124	5/1/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-22	18	VMP-22-18-050124-DUP	5/1/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		0.0048	J		0.0015	J	
VMP-22	18	VMP-22-18-073024	7/30/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		0.0080			< 0.01	U		< 0.0053	U	
VMP-22	18	VMP-22-18-110424	11/4/2024	0.011			< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-22	18	VMP-22-18-110424-DUP	11/4/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-22	18	VMP-22-18-021125	2/11/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-22	38	VMP-22-38-050124	5/1/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-22	38	VMP-22-38-073024	7/30/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-22	38	VMP-22-38-021125	2/11/2025	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-23	5	VMP-23-5-043024	4/30/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-23	5	VMP-23-5-073024	7/30/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-23	5	VMP-23-5-073024-DUP	7/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-23	5	VMP-23-5-020425	2/4/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		0.0054			< 0.0083	U		< 0.0042	U	
VMP-23	10	VMP-23-10-043024	4/30/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-23	10	VMP-23-10-073024	7/30/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-23	10	VMP-23-10-020425	2/4/2025	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-23	25	VMP-23-25-043024	4/30/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-23	25	VMP-23-25-073024	7/30/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-23	25	VMP-23-25-020425	2/4/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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	40	VMP-23-40-043024	4/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-23	40	VMP-23-40-073024	7/30/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-23	40	VMP-23-40-020425	2/4/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-24	5	VMP-24-5-042624	4/26/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-24	5	VMP-24-5-042624-DUP	4/26/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-24	5	VMP-24-5-072524	7/25/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-24	5	VMP-24-5-103024	10/30/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-24	5	VMP-24-5-020425	2/4/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-24	10	VMP-24-10-042624	4/26/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-24	10	VMP-24-10-072524	7/25/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-24	10	VMP-24-10-103024	10/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-24	10	VMP-24-10-020425	2/4/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-24	22	VMP-24-22-042624	4/26/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-24	22	VMP-24-22-072524	7/25/2024	< 0.0066	U		< 0.0060	U		0.0017	J		< 0.0057	U		< 0.011	U		< 0.0053	U	
VMP-24	22	VMP-24-22-103024	10/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-24	22	VMP-24-22-020425	2/4/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-24	22	VMP-24-22-020425-DUP	2/4/2025	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-24	34	VMP-24-34-042624	4/26/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-24	34	VMP-24-34-072524	7/25/2024	< 0.0064	U		0.028			0.013			< 0.0056	U		0.0020	J		0.0018	J	
VMP-24	34	VMP-24-34-103024	10/30/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-32	5	VMP-32-5-050624	5/6/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-32	5	VMP-32-5-073024	7/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-32	5	VMP-32-5-110124	11/1/2024	< 0.0051	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-32	5	VMP-32-5-021125	2/11/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-32	10	VMP-32-10-050624	5/6/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		0.0014	J		< 0.0052	U	
VMP-32	10	VMP-32-10-073024	7/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		0.00086	J		< 0.0046	U	
VMP-32	10	VMP-32-10-110424	11/4/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-32	10	VMP-32-10-021125	2/11/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-32	20	VMP-32-20-050624	5/6/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-32	20	VMP-32-20-073024	7/30/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-32	20	VMP-32-20-110424	11/4/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-32	20	VMP-32-20-021125	2/11/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-32	30	VMP-32-30-050624	5/6/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-32	30	VMP-32-30-073024	7/30/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-32	30	VMP-32-30-110424	11/4/2024	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0041	U	
VMP-32	30	VMP-32-30-110424-DUP	11/4/2024	0.0027	J		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-32	30	VMP-32-30-021125	2/11/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-42	10	VMP-42-10-050324	5/3/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-42	10	VMP-42-10-072424	7/24/2024	< 0.0058	U		0.0053			0.0016	J		< 0.0050	U		0.0054	J		0.0022	J	
VMP-42	10	VMP-42-10-102824	10/28/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-42	10	VMP-42-10-020525	2/5/2025	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-42	20	VMP-42-20-050324	5/3/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-42	20	VMP-42-20-072424	7/24/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-42	20	VMP-42-20-102824	10/28/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-42	20	VMP-42-20-020525	2/5/2025	< 0.0051	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-42	30	VMP-42-30-050624	5/6/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-42	30	VMP-42-30-072424	7/24/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-42	30	VMP-42-30-072424-DUP	7/24/2024	0.0020	J		< 0.0052	U		< 0.0052	U		< 0.0050	U		0.0016	J		< 0.0046	U	
VMP-42	30	VMP-42-30-102824	10/28/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		0.0024	J		< 0.0046	U	
VMP-42	30	VMP-42-30-020525	2/5/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0042	U	
VMP-43	10	VMP-43-10-050324	5/3/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-43	10	VMP-43-10-072624	7/26/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-43	10	VMP-43-10-102824	10/28/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-43	10	VMP-43-10-020625	2/6/2025	< 0.0048	U		< 0.0044	U		< 0.0044	U		< 0.0042	U		< 0.0078	U		< 0.0039	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-43	20	VMP-43-20-050324	5/3/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-43	20	VMP-43-20-072624	7/26/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-43	20	VMP-43-20-102824	10/28/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-43	20	VMP-43-20-102824-DUP	10/28/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-43	20	VMP-43-20-020625	2/6/2025	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-43	30	VMP-43-30-050324	5/3/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-43	30	VMP-43-30-072624	7/26/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-43	30	VMP-43-30-102824	10/28/2024	0.0071			< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-43	30	VMP-43-30-020625	2/6/2025	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0041	U	
VMP-45	10	VMP-45-10-050324	5/3/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-45	10	VMP-45-10-072624	7/26/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-45	10	VMP-45-10-102824	10/28/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-45	10	VMP-45-10-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-45	20	VMP-45-20-050324	5/3/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-45	20	VMP-45-20-072624	7/26/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		0.012			< 0.0094	U		< 0.0047	U	
VMP-45	20	VMP-45-20-102824	10/28/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-45	20	VMP-45-20-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-45	20	VMP-45-20-020525-DUP	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-45	30	VMP-45-30-050324	5/3/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-45	30	VMP-45-30-072624	7/26/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-45	30	VMP-45-30-072624-DUP	7/26/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		0.0020	J		< 0.0052	U	
VMP-45	30	VMP-45-30-102824	10/28/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-45	30	VMP-45-30-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-47	5	VMP-47-5-042924	4/29/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-47	5	VMP-47-5-072624	7/26/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		0.00076	J		< 0.0044	U	
VMP-47	5	VMP-47-5-102524	10/25/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-47	5	VMP-47-5-032125	3/21/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-47	10	VMP-47-10-042924	4/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0011	J		< 0.0047	U	
VMP-47	10	VMP-47-10-072624	7/26/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-47	10	VMP-47-10-102524	10/25/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-47	10	VMP-47-10-020325	2/3/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-47	20	VMP-47-20-042924	4/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-47	20	VMP-47-20-072624	7/26/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-47	20	VMP-47-20-072624-DUP	7/26/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-47	20	VMP-47-20-102524	10/25/2024	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		0.0018	J		< 0.0042	U	
VMP-47	20	VMP-47-20-020325	2/3/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-47	30	VMP-47-30-042924	4/29/2024	0.016			< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-47	30	VMP-47-30-072624	7/26/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-47	30	VMP-47-30-102524	10/25/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-47	30	VMP-47-30-020325	2/3/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-48	5	VMP-48-5-050124	5/1/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-48	5	VMP-48-5-073124	7/31/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		0.0020	J		0.0016	J		< 0.0044	U	
VMP-48	5	VMP-48-5-103024	10/30/2024	0.0019	J		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-48	5	VMP-48-5-021025	2/10/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-48	10	VMP-48-10-050124	5/1/2024	< 0.039	U		< 0.036	U		< 0.036	U		9.9			< 0.063	U		< 0.031	U	
VMP-48	10	VMP-48-10-073124	7/31/2024	< 0.017	U		< 0.016	U		< 0.016	U		< 0.015	U		< 0.028	U		< 0.014	U	
VMP-48	10	VMP-48-10-103024	10/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-48	10	VMP-48-10-021025	2/10/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		0.033			< 0.0083	U		< 0.0042	U	
VMP-48	20	VMP-48-20-050124	5/1/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		0.0099			< 0.0098	U		< 0.0049	U	
VMP-48	20	VMP-48-20-073124	7/31/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-48	20	VMP-48-20-103024	10/30/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-48	20	VMP-48-20-021025	2/10/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-48	30	VMP-48-30-050124	5/1/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-48	30	VMP-48-30-050124-DUP	5/1/2024	0.01			< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-48	30	VMP-48-30-073124	7/31/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		0.0022	J		< 0.0088	U		< 0.0044	U	
VMP-48	30	VMP-48-30-103024	10/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-48	30	VMP-48-30-021025	2/10/2025	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-49	5	VMP-49-5-050124	5/1/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-49	5	VMP-49-5-072924	7/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-49	5	VMP-49-5-103024	10/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-49	5	VMP-49-5-103024-DUP	10/30/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-49	5	VMP-49-5-021125	2/11/2025	< 0.01	U		< 0.0095	U		< 0.0095	U		< 0.0090	U		< 0.017	U		< 0.0084	U	
VMP-49	10	VMP-49-10-050124	5/1/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		0.0031	J		0.0081	J		0.0025	J	
VMP-49	10	VMP-49-10-072924	7/29/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-49	10	VMP-49-10-103024	10/30/2024	0.0073			< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-49	10	VMP-49-10-021125	2/11/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-49	20	VMP-49-20-050124	5/1/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-49	20	VMP-49-20-072924	7/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		0.0023	J		< 0.0049	U	
VMP-49	20	VMP-49-20-103124	10/31/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-49	20	VMP-49-20-021125	2/11/2025	< 0.014	U		< 0.013	U		< 0.013	U		< 0.012	U		< 0.022	U		< 0.011	U	
VMP-49	30	VMP-49-30-050124	5/1/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-49	30	VMP-49-30-072924	7/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		0.0011	J		< 0.0049	U	
VMP-49	30	VMP-49-30-103124	10/31/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-49	30	VMP-49-30-021125	2/11/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		0.029			< 0.0081	U		< 0.0041	U	
VMP-50	5	VMP-50-5-050124	5/1/2024	< 0.0061	U		< 0.0056	J	U	< 0.0056	U		< 0.0053	U		0.0013	J		< 0.0050	U	
VMP-50	5	VMP-50-5-073024	7/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-50	5	VMP-50-5-110424	11/4/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-50	5	VMP-50-5-021025	2/10/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-50	10	VMP-50-10-050124	5/1/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		0.0032	J		< 0.0099	U		< 0.0050	U	
VMP-50	10	VMP-50-10-073024	7/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-50	10	VMP-50-10-073024-DUP	7/30/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-50	10	VMP-50-10-110424	11/4/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-50	10	VMP-50-10-021025	2/10/2025	< 0.0054	U		0.0032	J		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-50	20	VMP-50-20-050124	5/1/2024	< 0.0067	U		< 0.0061	U		< 0.0061	U		< 0.0058	U		< 0.011	U		< 0.0054	U	
VMP-50	20	VMP-50-20-073024	7/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.0069			< 0.0096	U		< 0.0048	U	
VMP-50	20	VMP-50-20-112124	11/21/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		0.029			< 0.0097	U		< 0.0048	U	
VMP-50	20	VMP-50-20-021025	2/10/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-50	30	VMP-50-30-050124	5/1/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.089			< 0.0096	U		< 0.0048	U	
VMP-50	30	VMP-50-30-073024	7/30/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		0.021			0.00069	J		< 0.0043	U	
VMP-50	30	VMP-50-30-110424	11/4/2024	0.0039	J		< 0.0053	U		< 0.0053	U		0.14			< 0.0094	U		< 0.0047	U	
VMP-50	30	VMP-50-30-021025	2/10/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		0.1			< 0.0093	U		< 0.0046	U	
VMP-50	30	VMP-50-30-021025-DUP	2/10/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		0.1			< 0.0086	U		< 0.0043	U	
VMP-51	5	VMP-51-5-042624	4/26/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-51	5	VMP-51-5-072624	7/26/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-51	5	VMP-51-5-072624-DUP	7/26/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-51	5	VMP-51-5-110124	11/1/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-51	5	VMP-51-5-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-51	10	VMP-51-10-042624	4/26/2024	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-51	10	VMP-51-10-072624	7/26/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		0.0017	J		< 0.0050	U	
VMP-51	10	VMP-51-10-110124	11/1/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-51	10	VMP-51-10-020525	2/5/2025	< 0.0048	U		< 0.0044	U		< 0.0044	U		< 0.0042	U		< 0.0078	U		< 0.0039	U	
VMP-51	20	VMP-51-20-042624	4/26/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-51	20	VMP-51-20-072624	7/26/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-51	20	VMP-51-20-110124	11/1/2024	0.0063			< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-51	20	VMP-51-20-020525	2/5/2025	< 0.0050	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0081	U		< 0.0041	U	
VMP-51	30	VMP-51-30-042624	4/26/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-51	30	VMP-51-30-072924	7/29/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-51	30	VMP-51-30-110124	11/1/2024	0.0046	J		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-51	30	VMP-51-30-020525	2/5/2025	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-52	5	VMP-52-5-042624	4/26/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-52	5	VMP-52-5-073124	7/31/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		0.0019	J		< 0.0047	U	
VMP-52	5	VMP-52-5-110424	11/4/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-52	5	VMP-52-5-020625	2/6/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0042	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-52	10	VMP-52-10-042624	4/26/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-52	10	VMP-52-10-073124	7/31/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.0091			< 0.0096	U		< 0.0048	U	
VMP-52	10	VMP-52-10-110424	11/4/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-52	10	VMP-52-10-020625	2/6/2025	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-52	20	VMP-52-20-042624	4/26/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-52	20	VMP-52-20-073124	7/31/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		0.0033	J		< 0.01	U		< 0.0050	U	
VMP-52	20	VMP-52-20-110424	11/4/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-52	20	VMP-52-20-110424-DUP	11/4/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-52	20	VMP-52-20-020625	2/6/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-52	30	VMP-52-30-042624	4/26/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-52	30	VMP-52-30-042624-DUP	4/26/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-52	30	VMP-52-30-073124	7/31/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-52	30	VMP-52-30-110424	11/4/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-52	30	VMP-52-30-020625	2/6/2025	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-53	5	VMP-53-5-042524	4/25/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-53	5	VMP-53-5-072224	7/22/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-53	5	VMP-53-5-102424	10/24/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-53	5	VMP-53-5-013125	1/31/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-53	10	VMP-53-10-042524	4/25/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		0.0034	J		< 0.0092	U		< 0.0046	U	
VMP-53	10	VMP-53-10-072224	7/22/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-53	10	VMP-53-10-102424	10/24/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-53	10	VMP-53-10-013125	1/31/2025	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-53	20	VMP-53-20-042524	4/25/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-53	20	VMP-53-20-042524-DUP	4/25/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-53	20	VMP-53-20-072224	7/22/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-53	20	VMP-53-20-102424	10/24/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-53	20	VMP-53-20-013125	1/31/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-53	20	VMP-53-20-013125-DUP	1/31/2025	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-53	30	VMP-53-30-042524	4/25/2024	< 0.0065	U		< 0.0060	U		< 0.0060	U		0.019			< 0.01	U		< 0.0053	U	
VMP-53	30	VMP-53-30-072224	7/22/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-53	30	VMP-53-30-102424	10/24/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-53	30	VMP-53-30-013125	1/31/2025	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-54	5	VMP-54-5-042524	4/25/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		0.043			< 0.0086	U		< 0.0043	U	
VMP-54	5	VMP-54-5-072224	7/22/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-54	5	VMP-54-5-102524	10/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-54	5	VMP-54-5-013125	1/31/2025	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-54	10	VMP-54-10-042524	4/25/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-54	10	VMP-54-10-072224	7/22/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		0.025			< 0.01	U		< 0.0050	U	
VMP-54	10	VMP-54-10-102524	10/25/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		0.0027	J		< 0.0084	U		< 0.0042	U	
VMP-54	10	VMP-54-10-013125	1/31/2025	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-54	20	VMP-54-20-042524	4/25/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		0.00096	J		< 0.0045	U	
VMP-54	20	VMP-54-20-072224	7/22/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		0.0028	J		< 0.01	U		< 0.0050	U	
VMP-54	20	VMP-54-20-102524	10/25/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-54	20	VMP-54-20-013125	1/31/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-54	30	VMP-54-30-042524	4/25/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-54	30	VMP-54-30-072224	7/22/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		0.0021	J		< 0.0088	U		< 0.0044	U	
VMP-54	30	VMP-54-30-102524	10/25/2024	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-54	30	VMP-54-30-013125	1/31/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-56	10	VMP-56-10-050224	5/2/2024	< 0.0065	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-56	10	VMP-56-10-050224-DUP	5/2/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-56	10	VMP-56-10-072424	7/24/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		0.00083	J		< 0.0053	U	
VMP-56	10	VMP-56-10-103124	10/31/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-56	10	VMP-56-10-020725	2/7/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-56	10	VMP-56-10-020725-DUP	2/7/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-56	25	VMP-56-25-050224	5/2/2024	0.0024	J		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-56	25	VMP-56-25-072424	7/24/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-56	25	VMP-56-25-103124	10/31/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-56	25	VMP-56-25-020725	2/7/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	

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

Residential Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Residential Screening Criteria (mg/m ³)				1.5												130			120		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m3)	Lab 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-56	38.5	VMP-56-38.5-050224	5/2/2024	< 3.2	U		130			54			890			890			290		
VMP-56	38.5	VMP-56-38.5-072424	7/24/2024	< 0.12	U		65			18			42			110			42		
VMP-56	38.5	VMP-56-38.5-103124	10/31/2024	< 0.11	U		27			8.2			22			51			19		
VMP-56	38.5	VMP-56-38.5-020725	2/7/2025	< 0.21	U		22			6.7			17			39			14		
VMP-62	5	VMP-62-5-042924	4/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		0.0020	J		< 0.0093	U		< 0.0047	U	
VMP-62	5	VMP-62-5-073024	7/30/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-62	5	VMP-62-5-102524	10/25/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-62	5	VMP-62-5-020325	2/3/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-62	5	VMP-62-5-020325-DUP	2/3/2025	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-62	10	VMP-62-10-042924	4/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0098	U		< 0.0049	U	
VMP-62	10	VMP-62-10-073024	7/30/2024	< 0.0051	U		< 0.0046	U		< 0.0046	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-62	10	VMP-62-10-102524	10/25/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-62	10	VMP-62-10-020325	2/3/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-62	20	VMP-62-20-042924	4/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-62	20	VMP-62-20-073024	7/30/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-62	20	VMP-62-20-102524	10/25/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-62	20	VMP-62-20-020325	2/3/2025	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0049	U	
VMP-62	30	VMP-62-30-042924	4/29/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-62	30	VMP-62-30-073024	7/30/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-62	30	VMP-62-30-073024-DUP	7/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-62	30	VMP-62-30-102524	10/25/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-62	30	VMP-62-30-020325	2/3/2025	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-63	5	VMP-63-5-050324	5/3/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-63	5	VMP-63-5-072624	7/26/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-63	5	VMP-63-5-102824	10/28/2024	0.0012	J		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-63	5	VMP-63-5-102824-DUP	10/28/2024	0.0030	J		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-63	5	VMP-63-5-020525	2/5/2025	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-63	5	VMP-63-5-020525-DUP	2/5/2025	< 0.0049	U		< 0.0045	U		< 0.0045	U		< 0.0042	U		< 0.0079	U		< 0.0040	U	
VMP-63	10	VMP-63-10-050324	5/3/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-63	10	VMP-63-10-072624	7/26/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		0.022			< 0.01	U		< 0.0050	U	
VMP-63	10	VMP-63-10-102824	10/28/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-63	10	VMP-63-10-020525	2/5/2025	< 0.011	U		< 0.01	U		< 0.01	U		< 0.0096	U		< 0.018	U		< 0.0089	U	
VMP-63	20	VMP-63-20-050324	5/3/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		0.0014	J		< 0.0049	U	
VMP-63	20	VMP-63-20-072624	7/26/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-63	20	VMP-63-20-102824	10/28/2024	0.0013	J		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-63	20	VMP-63-20-020525	2/5/2025	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-63	30	VMP-63-30-050324	5/3/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-63	30	VMP-63-30-050324-DUP	5/3/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-63	30	VMP-63-30-072624	7/26/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		0.011			< 0.0090	U		< 0.0045	U	
VMP-63	30	VMP-63-30-102824	10/28/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-63	30	VMP-63-30-020525	2/5/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-64	5	VMP-64-5-042624	4/26/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-64	5	VMP-64-5-072524	7/25/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-64	5	VMP-64-5-102524	10/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-64	5	VMP-64-5-102524-DUP	10/25/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-64	5	VMP-64-5-020325	2/3/2025	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-64	10	VMP-64-10-042624	4/26/2024	< 0.0066	U		< 0.0060	U		< 0.0060	U		< 0.0057	U		< 0.011	U		< 0.0053	U	
VMP-64	10	VMP-64-10-072524	7/25/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-64	10	VMP-64-10-102524	10/25/2024	0.0012	J		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-64	10	VMP-64-10-020325	2/3/2025	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-64	20	VMP-64-20-042624	4/26/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-64	20	VMP-64-20-042624-DUP	4/26/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-64	20	VMP-64-20-072524	7/25/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0092	U		< 0.0046	U	
VMP-64	20	VMP-64-20-102524	10/25/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-64	20	VMP-64-20-020325	2/3/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	

Notes:
Screening criteria are from 35 I.A.C 742 (TACO) Appendix B, Table H - Tier 1 Soil Gas and Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route (Residential).
Blank screening criteria cell indicates analyte does not have a screening criterion.
Bold results are detections above the reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
< #.## Gray text indicates the analyte was not detected above the given reporting limit.
Analytes shown were detected in at least one location on Table 5 or Table 6 during the current quarter or previous 3 quarters.
Yellow highlighted cells indicate detections that exceed residential screening criteria.
Chloroform is a common disinfectant byproduct in municipal water, and can be present in higher concentrations in chlorinated pool water. Some VMPs are located near private residential pools in the Village. Detected chloroform in some VMPs may originate from pool water, residential activities like watering lawns, or from leaking municipal water lines.

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

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

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

Industrial/Commercial Screening Criteria (mg/m³)				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
				2.8			450000						1.5			420			0.92						0.048		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-10-5-042924	4/29/2024	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-10	5	VMP-10-5-072324	7/23/2024	0.0011	J		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-10	5	VMP-10-5-102924	10/29/2024	0.0022	J		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-10	5	VMP-10-5-020325	2/3/2025	< 0.0033	U		< 0.0069	U		< 0.0097	U		< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-10	10	VMP-10-10-042924	4/29/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0086	U	
VMP-10	10	VMP-10-10-090924	9/9/2024	< 0.0031	U		< 0.0065	U		< 0.0093	U		< 0.0061	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0075	U	
VMP-10	10	VMP-10-10-102924	10/29/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-10	10	VMP-10-10-020325	2/3/2025	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-10	10	VMP-10-10-020325-DUP	2/3/2025	< 0.0031	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-10	20	VMP-10-20-042924	4/29/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-10	20	VMP-10-20-072324	7/23/2024	< 0.0038	U		0.012			0.0045	J		< 0.0074	U		< 0.0054	U		0.05			< 0.024	U		< 0.0091	U	
VMP-10	20	VMP-10-20-072324-DUP	7/23/2024	< 0.0036	U		0.013			< 0.011	U		< 0.0071	U		< 0.0052	U		0.05			< 0.023	U		< 0.0086	U	
VMP-10	20	VMP-10-20-102924	10/29/2024	< 0.0034	U		0.0095			< 0.01	U		< 0.0068	U		< 0.0049	U		0.017			< 0.022	U		< 0.0083	U	
VMP-10	20	VMP-10-20-020325	2/3/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		0.0017	J		< 0.022	U		< 0.0082	U	
VMP-10	30	VMP-10-30-042924	4/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0084	U	
VMP-10	30	VMP-10-30-072324	7/23/2024	< 0.0040	U		0.0032	J		< 0.012	U		< 0.0080	U		< 0.0058	U		0.011			< 0.026	U		< 0.0097	U	
VMP-10	30	VMP-10-30-102924	10/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-10	30	VMP-10-30-020325	2/3/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-11	5	VMP-11-5-043024	4/30/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-11	5	VMP-11-5-072324	7/23/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0089	U	
VMP-11	5	VMP-11-5-102924	10/29/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-11	5	VMP-11-5-102924-DUP	10/29/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0080	U	
VMP-11	5	VMP-11-5-020325	2/3/2025	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0086	U	
VMP-11	8	VMP-11-8-043024	4/30/2024	< 0.0031	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0045	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-11	8	VMP-11-8-043024-DUP	4/30/2024	< 0.0032	U		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-11	8	VMP-11-8-072324	7/23/2024	< 0.0038	U		< 0.0080	U		< 0.011	U		< 0.0075	U		< 0.0055	U		< 0.0058	U		< 0.025	U		< 0.0092	U	
VMP-11	8	VMP-11-8-102924	10/29/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-11	8	VMP-11-8-020325	2/3/2025	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-11	29	VMP-11-29-043024	4/30/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-11	29	VMP-11-29-102924	10/29/2024	0.0014	J		< 0.0082	U		0.0075	J		< 0.0077	U		< 0.0056	U		< 0.0060	U		< 0.025	U		< 0.0094	U	
VMP-11	29	VMP-11-29-020325	2/3/2025	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-12	5	VMP-12-5-050224	5/2/2024	< 0.0038	U		< 0.0079	U		< 0.011	U		< 0.0074	U		< 0.0054	U										

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

				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
Industrial/Commercial Screening Criteria (mg/m³)				2.8			450000						1.5			420			0.92						0.048		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	29.5	VMP-13-29.5-042924	4/29/2024	0.0021	J		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-14	5	VMP-14-5-042924	4/29/2024	< 0.0032	U		< 0.0067	U		< 0.0095	U		< 0.0063	U		< 0.0046	U		0.0032	J		< 0.02	U		< 0.0076	U	
VMP-14	5	VMP-14-5-020625	2/6/2025	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-14	5	VMP-14-5-020625-DUP	2/6/2025	< 0.0032	U		< 0.0066	U		< 0.0094	U		< 0.0062	U		< 0.0046	U		< 0.0048	U		< 0.02	U		< 0.0076	U	
VMP-14	11.5	VMP-14-11.5-042924	4/29/2024	< 0.0033	U		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		0.0029	J		< 0.021	U		< 0.0079	U	
VMP-14	11.5	VMP-14-11.5-020625	2/6/2025	< 0.0028	U		< 0.0060	U		< 0.0085	U		< 0.0056	U		< 0.0041	U		< 0.0043	U		< 0.018	U		< 0.0068	U	
VMP-14	20	VMP-14-20-042924	4/29/2024	< 0.0034	U		< 0.0071	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-14	20	VMP-14-20-020625	2/6/2025	0.00085	J		< 0.0068	U		0.059			< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-14	29	VMP-14-29-042924	4/29/2024	0.0013	J		< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0048	U		< 0.0050	U		< 0.021	U		< 0.0080	U	
VMP-14	29	VMP-14-29-020625	2/6/2025	0.025			< 0.0068	U		0.24			< 0.0064	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0078	U	
VMP-15	5	VMP-15-5-043024	4/30/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0069	U		< 0.0050	U		< 0.0053	U		< 0.023	U		< 0.0084	U	
VMP-15	5	VMP-15-5-072324	7/23/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0087	U	
VMP-15	5	VMP-15-5-102924	10/29/2024	< 0.0030	U		< 0.0064	U		< 0.0090	U		< 0.0060	U		< 0.0044	U		0.0011	J		< 0.02	U		< 0.0073	U	
VMP-15	5	VMP-15-5-020425	2/4/2025	< 0.0032	U		< 0.0067	U		< 0.0096	U		< 0.0063	U		< 0.0046	U		0.0029	J		< 0.021	U		< 0.0077	U	
VMP-15	21.5	VMP-15-21.5-043024	4/30/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0070	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-15	21.5	VMP-15-21.5-072324	7/23/2024	0.0013	J		< 0.0064	U		< 0.0091	U		< 0.0060	U		< 0.0044	U		< 0.0047	U		< 0.02	U		< 0.0074	U	
VMP-15	21.5	VMP-15-21.5-102924	10/29/2024	< 0.0035	U		< 0.0073	U		< 0.01	U		< 0.0068	U		< 0.0050	U		0.0068			< 0.022	U		< 0.0083	U	
VMP-15	21.5	VMP-15-21.5-020425	2/4/2025	0.00058	J		< 0.0068	U		< 0.0096	U		< 0.0064	U		< 0.0046	U		0.0043	J		< 0.021	U		< 0.0078	U	
VMP-15	25.5	VMP-15-25.5-043024	4/30/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		0.0074			< 0.024	U		< 0.0088	U	
VMP-15	25.5	VMP-15-25.5-072324	7/23/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		0.017			< 0.024	U		< 0.0088	U	
VMP-15	25.5	VMP-15-25.5-102924	10/29/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		0.025			< 0.023	U		< 0.0084	U	
VMP-15	25.5	VMP-15-25.5-020425	2/4/2025	0.0011	J		0.0019	J		< 0.01	U		< 0.0066	U		< 0.0048	U		0.046			< 0.022	U		< 0.0081	U	
VMP-15	29	VMP-15-29-043024	4/30/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0073	U		< 0.0053	U		0.022			< 0.024	U		< 0.0089	U	
VMP-15	29	VMP-15-29-072324	7/23/2024	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0069	U		< 0.0051	U		0.03			< 0.023	U		< 0.0084	U	
VMP-15	29	VMP-15-29-102924	10/29/2024	< 0.0036	U		0.0027	J		< 0.011	U		< 0.0072	U		< 0.0053	U		0.042			< 0.024	U		< 0.0088	U	
VMP-15	29	VMP-15-29-020425	2/4/2025	< 0.0033	U		0.0027	J		< 0.0099	U		< 0.0066	U		< 0.0048	U		0.088			< 0.022	U		< 0.0080	U	
VMP-16	5	VMP-16-5-050224	5/2/2024	< 0.0036	U		< 0.0076	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0087	U	
VMP-16	5	VMP-16-5-072424	7/24/2024	0.0022	J		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0053	U		< 0.0057	U		< 0.024	U		< 0.0089	U	
VMP-16	5	VMP-16-5-103124	10/31/2024	0.065			< 0.0069	U		< 0.0098	U		< 0.0065	U		< 0.0047	U		< 0.0050	U		< 0.021	U		< 0.0079	U	
VMP-16	5	VMP-16-5-020725	2/7/2025	0.17			< 0.033	U		< 0.047	U		< 0.031	U		< 0.023	U		< 0.024	U		< 0.1	U		< 0.038	U	
VMP-16	13.5	VMP-16-13.5-050224	5/2/2024	7.9			< 15	U		72			< 14	U		< 10	U		< 11	U		< 18	U		< 17	U	
VMP-16	13.5	VMP-16-13.5-072424	7/24/2024	< 0.13	U		0.53			< 0.38	U		< 0.25	U		< 0.18	U		< 0.2	U		< 0.33	U		< 0.31	U	
VMP-																											

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

				Benzene			Bromodichloromethane			Butane			Carbon Tetrachloride			Chlorobenzene			Chloroform			Chloromethane			1,2-Dibromoethane (EDB)		
Industrial/Commercial Screening Criteria (mg/m ³)				2.8			450000						1.5			420			0.92						0.048		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10	VMP-41-10-043024	4/30/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0067	U		< 0.0049	U		< 0.0052	U		< 0.022	U		< 0.0082	U	
VMP-41	10	VMP-41-10-072324	7/23/2024	0.0023	J		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-41	10	VMP-41-10-102924	10/29/2024	0.0014	J		< 0.0068	U		0.024			< 0.0064	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0078	U	
VMP-41	10	VMP-41-10-020325	2/3/2025	< 0.0034	U		< 0.0070	U		< 0.01	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0081	U	
VMP-41	20	VMP-41-20-043024	4/30/2024	< 0.0037	U		< 0.0077	U		< 0.011	U		< 0.0072	U		< 0.0053	U		< 0.0056	U		< 0.024	U		< 0.0088	U	
VMP-41	20	VMP-41-20-072324	7/23/2024	< 0.0037	U		< 0.0078	U		< 0.011	U		< 0.0073	U		< 0.0054	U		< 0.0057	U		< 0.024	U		< 0.0090	U	
VMP-41	20	VMP-41-20-102924	10/29/2024	< 0.0032	U		< 0.0067	U		0.0033	J		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-41	20	VMP-41-20-102924-DUP	10/29/2024	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0080	U	
VMP-41	20	VMP-41-20-020325	2/3/2025	< 0.0033	U		< 0.0070	U		< 0.0099	U		< 0.0066	U		< 0.0048	U		< 0.0051	U		< 0.022	U		< 0.0080	U	
VMP-41	26	VMP-41-26-043024	4/30/2024	< 0.0036	U		< 0.0075	U		< 0.011	U		< 0.0071	U		< 0.0052	U		< 0.0055	U		< 0.023	U		< 0.0086	U	
VMP-41	26	VMP-41-26-072324	7/23/2024	0.0012	J		< 0.0067	U		0.0054	J		< 0.0063	U		< 0.0046	U		< 0.0049	U		< 0.021	U		< 0.0077	U	
VMP-41	26	VMP-41-26-102924	10/29/2024	< 0.0034	U		< 0.0072	U		< 0.01	U		< 0.0068	U		< 0.0050	U		< 0.0053	U		< 0.022	U		< 0.0083	U	
VMP-41	26	VMP-41-26-020325	2/3/2025	< 0.0035	U		< 0.0074	U		< 0.01	U		< 0.0070	U		< 0.0051	U		< 0.0054	U		< 0.023	U		< 0.0085	U	
VMP-55	20	VMP-55-20-043024	4/30/2024	< 21	U		< 43	U		220			< 40	U		< 30	U		< 31	U		< 53	U		< 50	U	
VMP-55	20	VMP-55-20-072324	7/23/2024	< 17	U		< 37	U		680			< 34	U		< 25	U		< 27	U		< 45	U		< 42	U	
VMP-55	20	VMP-55-20-102924	10/29/2024	0.74	J		< 7.3	U		22			< 6.8	U		< 5	U		< 5.3	U		< 9	U		< 8.4	U	
VMP-55	20	VMP-55-20-020425	2/4/2025	< 0.17	U		< 0.35	U		1.3			< 0.33	U		< 0.24	U		< 0.26	U		< 0.43	U		< 0.4	U	

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Industrial/Commercial Screening Criteria (mg/m³)				6800			1700			0.81			45			2.3			2.3						9.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-10-5-042924	4/29/2024	< 0.0060	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-10	5	VMP-10-5-072324	7/23/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		0.014	J		< 0.0049	U	
VMP-10	5	VMP-10-5-102924	10/29/2024	< 0.0064	U		0.0020	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		0.0048	J		< 0.0046	U	
VMP-10	5	VMP-10-5-020325	2/3/2025	< 0.0062	U		0.0023	J		< 0.0041	U		< 0.036	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-10	10	VMP-10-10-042924	4/29/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-10	10	VMP-10-10-090924	9/9/2024	< 0.0059	U		0.0024	J		< 0.0039	U		< 0.034	U		< 0.0045	U		< 0.014	U		< 0.018	U		< 0.0042	U	
VMP-10	10	VMP-10-10-102924	10/29/2024	< 0.0066	U		0.0020	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-10	10	VMP-10-10-020325	2/3/2025	< 0.0061	U		0.0026	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-10	10	VMP-10-10-020325-DUP	2/3/2025	< 0.0059	U		0.0028	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0045	J		< 0.0043	U	
VMP-10	20	VMP-10-20-042924	4/29/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-10	20	VMP-10-20-072324	7/23/2024	< 0.0071	U		< 0.0058	U		< 0.0048	U		< 0.041	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0051	U	
VMP-10	20	VMP-10-20-072324-DUP	7/23/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-10	20	VMP-10-20-102924	10/29/2024	< 0.0065	U		0.0020	J		< 0.0044	U		< 0.037	U		< 0.0050	U		< 0.015	U		0.0042	J		< 0.0047	U	
VMP-10	20	VMP-10-20-020325	2/3/2025	< 0.0064	U		0.0026	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-10	30	VMP-10-30-042924	4/29/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-10	30	VMP-10-30-072324	7/23/2024	< 0.0076	U		< 0.0062	U		< 0.0051	U		< 0.044	U		< 0.0058	U		< 0.018	U		< 0.024	U		< 0.0055	U	
VMP-10	30	VMP-10-30-102924	10/29/2024	< 0.0066	U		0.0020	J		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-10	30	VMP-10-30-020325	2/3/2025	< 0.0065	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		0.0091	J		< 0.0047	U	
VMP-11	5	VMP-11-5-043024	4/30/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-11	5	VMP-11-5-072324	7/23/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-11	5	VMP-11-5-102924	10/29/2024	< 0.0064	U		0.0021	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-11	5	VMP-11-5-102924-DUP	10/29/2024	< 0.0063	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-11	5	VMP-11-5-020325	2/3/2025	< 0.0067	U		0.0024	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-11	8	VMP-11-8-043024	4/30/2024	< 0.0059	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.018	U		< 0.0043	U	
VMP-11	8	VMP-11-8-043024-DUP	4/30/2024	< 0.0061	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-11	8	VMP-11-8-072324	7/23/2024	< 0.0072	U		< 0.0059	U		< 0.0048	U		< 0.042	U		< 0.0055	U		< 0.017	U		< 0.022	U		< 0.0052	U	
VMP-11	8	VMP-11-8-102924	10/29/2024	< 0.0062	U		0.0021	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-11	8	VMP-11-8-020325	2/3/2025	< 0.0067	U		0.0024	J		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-11	29	VMP-11-29-043024	4/30/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-11	29	VMP-11-29-102924	10/29/2024	< 0.0074	U		0.0022	J		< 0.0050	U		< 0.042	U		< 0.0057	U		< 0.018	U		< 0.023	U		< 0.0053	U	
VMP-11	29	VMP-11-29-020325	2/3/2025	< 0.0064	U		0.0024	J		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050224	5/2/2024	< 0.0071	U		< 0.0058	U		< 0.0048	U		< 0.041	U		&											

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Industrial/Commercial Screening Criteria (mg/m³)				6800			1700			0.81			45			2.3			2.3						9.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	29.5	VMP-13-29.5-042924	4/29/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		0.0011	J	
VMP-14	5	VMP-14-5-042924	4/29/2024	< 0.0060	U		< 0.0049	U		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-14	5	VMP-14-5-020625	2/6/2025	< 0.0062	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0080	J		< 0.0045	U	
VMP-14	5	VMP-14-5-020625-DUP	2/6/2025	< 0.0060	U		0.0023	J		< 0.0040	U		< 0.034	U		< 0.0046	U		< 0.014	U		0.0075	J		< 0.0043	U	
VMP-14	11.5	VMP-14-11.5-042924	4/29/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-020625	2/6/2025	< 0.0054	U		0.0025	J		< 0.0036	U		< 0.031	U		< 0.0041	U		< 0.013	U		0.0057	J		< 0.0039	U	
VMP-14	20	VMP-14-20-042924	4/29/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-14	20	VMP-14-20-020625	2/6/2025	< 0.0061	U		0.0019	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-14	29	VMP-14-29-042924	4/29/2024	< 0.0062	U		< 0.0051	U		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-14	29	VMP-14-29-020625	2/6/2025	< 0.0061	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.015	U		< 0.019	U		< 0.0044	U	
VMP-15	5	VMP-15-5-043024	4/30/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-15	5	VMP-15-5-072324	7/23/2024	< 0.0068	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-15-5-102924	10/29/2024	< 0.0057	U		0.0023	J		< 0.0038	U		< 0.033	U		< 0.0044	U		< 0.014	U		< 0.018	U		< 0.0041	U	
VMP-15	5	VMP-15-5-020425	2/4/2025	< 0.0060	U		0.0022	J		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.0083	J		< 0.0044	U	
VMP-15	21.5	VMP-15-21.5-043024	4/30/2024	< 0.0067	U		< 0.0055	U		< 0.0045	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-15	21.5	VMP-15-21.5-072324	7/23/2024	< 0.0058	U		< 0.0047	U		< 0.0039	U		< 0.033	U		< 0.0044	U		< 0.014	U		0.032			< 0.0042	U	
VMP-15	21.5	VMP-15-21.5-102924	10/29/2024	< 0.0065	U		0.0024	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-15	21.5	VMP-15-21.5-020425	2/4/2025	< 0.0061	U		0.0023	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		< 0.019	U		< 0.0044	U	
VMP-15	25.5	VMP-15-25.5-043024	4/30/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-15	25.5	VMP-15-25.5-072324	7/23/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-15	25.5	VMP-15-25.5-102924	10/29/2024	< 0.0066	U		0.0020	J		0.0020	J		< 0.038	U		0.0041	J		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-15	25.5	VMP-15-25.5-020425	2/4/2025	< 0.0063	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-15	29	VMP-15-29-043024	4/30/2024	< 0.0069	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0053	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-15	29	VMP-15-29-072324	7/23/2024	< 0.0066	U		< 0.0054	U		< 0.0044	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-15	29	VMP-15-29-102924	10/29/2024	< 0.0069	U		0.0021	J		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-15	29	VMP-15-29-020425	2/4/2025	< 0.0063	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-16	5	VMP-16-5-050224	5/2/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-16	5	VMP-16-5-072424	7/24/2024	< 0.0070	U		< 0.0057	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-16	5	VMP-16-5-103124	10/31/2024	< 0.0062	U		0.0022	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.019	U		< 0.0045	U	
VMP-16	5	VMP-16-5-020725	2/7/2025	< 0.03	U		< 0.024	U		< 0.02	U		< 0.17	U		< 0.023	U		< 0.071	U		0.033	J		0.053		
VMP-16	13.5	VMP-16-13.5-050224	5/2/2024	< 13	U		< 11	U		< 8.9	U		< 30	U		< 10	U		< 32	U		< 21	U		< 9.5	U	
VMP-16	13.5	VMP-16-13.5-072424	7/24/2024	< 0.24	U		< 0.2	U		< 0.16	U		< 0.56	U		< 0.1											

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

				1,4-Dichlorobenzene			Dichlorodifluoromethane			1,2-Dichloroethane			Dichloromethane (Methylene Chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene		
Industrial/Commercial Screening Criteria (mg/m ³)				6800			1700			0.81			45			2.3			2.3						9.3		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10	VMP-41-10-043024	4/30/2024	< 0.0064	U		< 0.0053	U		< 0.0043	U		< 0.037	U		< 0.0049	U		< 0.015	U		< 0.02	U		< 0.0046	U	
VMP-41	10	VMP-41-10-072324	7/23/2024	< 0.0066	U		< 0.0055	U		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-41	10	VMP-41-10-102924	10/29/2024	< 0.0061	U		0.0021	J		< 0.0041	U		< 0.035	U		< 0.0047	U		< 0.014	U		0.046			< 0.0044	U	
VMP-41	10	VMP-41-10-020325	2/3/2025	< 0.0063	U		0.0025	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		0.0050	J		< 0.0046	U	
VMP-41	20	VMP-41-20-043024	4/30/2024	< 0.0069	U		< 0.0057	U		< 0.0046	U		< 0.04	U		< 0.0053	U		< 0.016	U		< 0.022	U		< 0.0050	U	
VMP-41	20	VMP-41-20-072324	7/23/2024	< 0.0070	U		< 0.0058	U		< 0.0047	U		< 0.04	U		< 0.0054	U		< 0.017	U		< 0.022	U		< 0.0050	U	
VMP-41	20	VMP-41-20-102924	10/29/2024	< 0.0060	U		0.0020	J		< 0.0040	U		< 0.035	U		< 0.0046	U		< 0.014	U		< 0.019	U		< 0.0043	U	
VMP-41	20	VMP-41-20-102924-DUP	10/29/2024	< 0.0063	U		0.0020	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-41	20	VMP-41-20-020325	2/3/2025	< 0.0063	U		0.0026	J		< 0.0042	U		< 0.036	U		< 0.0048	U		< 0.015	U		< 0.02	U		< 0.0045	U	
VMP-41	26	VMP-41-26-043024	4/30/2024	< 0.0068	U		< 0.0056	U		< 0.0046	U		< 0.039	U		< 0.0052	U		< 0.016	U		< 0.021	U		< 0.0049	U	
VMP-41	26	VMP-41-26-072324	7/23/2024	< 0.0060	U		< 0.0050	U		< 0.0041	U		< 0.035	U		< 0.0046	U		< 0.014	U		0.03			< 0.0044	U	
VMP-41	26	VMP-41-26-102924	10/29/2024	< 0.0065	U		0.0020	J		< 0.0044	U		< 0.038	U		< 0.0050	U		< 0.016	U		< 0.02	U		< 0.0047	U	
VMP-41	26	VMP-41-26-020325	2/3/2025	< 0.0066	U		0.0024	J		< 0.0045	U		< 0.038	U		< 0.0051	U		< 0.016	U		< 0.021	U		< 0.0048	U	
VMP-55	20	VMP-55-20-043024	4/30/2024	< 39	U		< 32	U		< 26	U		< 90	U		< 30	U		< 93	U		< 61	U		< 28	U	
VMP-55	20	VMP-55-20-072324	7/23/2024	< 33	U		< 27	U		< 22	U		< 76	U		< 25	U		< 79	U		< 52	U		< 24	U	
VMP-55	20	VMP-55-20-102924	10/29/2024	< 6.6	U		< 5.4	U		< 4.4	U		< 15	U		< 5	U		< 16	U		< 10	U		< 4.7	U	
VMP-55	20	VMP-55-20-020425	2/4/2025	< 0.32	U		< 0.26	U		< 0.21	U		< 0.73	U		< 0.24	U		< 0.76	U		< 0.49	U		< 0.23	U	

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

				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Industrial/Commercial Screening Criteria (mg/m³)																						4			25		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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-10-5-042924	4/29/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-10	5	VMP-10-5-072324	7/23/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.024			< 0.0076	U		< 0.033	U	
VMP-10	5	VMP-10-5-102924	10/29/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		0.0058	J		< 0.0072	U		< 0.032	U	
VMP-10	5	VMP-10-5-020325	2/3/2025	< 0.0050	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0063	J		< 0.0070	U		< 0.03	U	
VMP-10	10	VMP-10-10-042924	4/29/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0076	U		< 0.033	U	
VMP-10	10	VMP-10-10-090924	9/9/2024	< 0.0048	U		< 0.0040	U		< 0.0034	U		< 0.016	U		< 0.012	U		0.0029	J		< 0.0066	U		< 0.029	U	
VMP-10	10	VMP-10-10-102924	10/29/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0037	J		< 0.0075	U		< 0.033	U	
VMP-10	10	VMP-10-10-020325	2/3/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		0.0040	J		< 0.0068	U		< 0.03	U	
VMP-10	10	VMP-10-10-020325-DUP	2/3/2025	< 0.0048	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0055	J		< 0.0067	U		< 0.029	U	
VMP-10	20	VMP-10-20-042924	4/29/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-10	20	VMP-10-20-072324	7/23/2024	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.019	U		< 0.014	U		0.018			< 0.0080	U		< 0.035	U	
VMP-10	20	VMP-10-20-072324-DUP	7/23/2024	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.018			< 0.0076	U		< 0.033	U	
VMP-10	20	VMP-10-20-102924	10/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0036	J		< 0.0073	U		< 0.032	U	
VMP-10	20	VMP-10-20-020325	2/3/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0035	J		< 0.0072	U		< 0.032	U	
VMP-10	30	VMP-10-30-042924	4/29/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0030	J		< 0.032	U	
VMP-10	30	VMP-10-30-072324	7/23/2024	< 0.0062	U		< 0.0052	U		< 0.0044	U		< 0.021	U		< 0.015	U		0.01	J		< 0.0086	U		< 0.038	U	
VMP-10	30	VMP-10-30-102924	10/29/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0040	J		< 0.0074	U		< 0.032	U	
VMP-10	30	VMP-10-30-020325	2/3/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0046	J		< 0.0073	U		< 0.032	U	
VMP-11	5	VMP-11-5-043024	4/30/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-11	5	VMP-11-5-072324	7/23/2024	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0043	J		< 0.0078	U		< 0.034	U	
VMP-11	5	VMP-11-5-102924	10/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0025	J		< 0.0072	U		< 0.032	U	
VMP-11	5	VMP-11-5-102924-DUP	10/29/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0020	J		< 0.0071	U		< 0.031	U	
VMP-11	5	VMP-11-5-020325	2/3/2025	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.013			< 0.0076	U		< 0.033	U	
VMP-11	8	VMP-11-8-043024	4/30/2024	< 0.0048	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0097	U		< 0.0067	U		< 0.029	U	
VMP-11	8	VMP-11-8-043024-DUP	4/30/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-11	8	VMP-11-8-072324	7/23/2024	< 0.0059	U		< 0.0049	U		< 0.0042	U		< 0.02	U		< 0.014	U		0.0077	J		< 0.0081	U		< 0.035	U	
VMP-11	8	VMP-11-8-102924	10/29/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0024	J		< 0.0070	U		< 0.03	U	
VMP-11	8	VMP-11-8-020325	2/3/2025	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.01	J		< 0.0076	U		< 0.033	U	
VMP-11	29	VMP-11-29-043024	4/30/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-11	29	VMP-11-29-102924	10/29/2024	0.0046	J		< 0.0050	U		< 0.0043	U		< 0.02	U		0.077			0.0032	J		< 0.0083	U		< 0.036	U	
VMP-11	29	VMP-11-29-020325	2/3/2025	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0027	J		< 0.0072	U		< 0.032	U	
VMP-12	5	VMP-12-5-050224	5/2/2024	< 0.0058	U		< 0.0048	U		< 0.0042	U		< 0.019	U		< 0.014	U		< 0.012	U		< 0.0080	U		&lt		

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

				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Industrial/Commercial Screening Criteria (mg/m³)																						4			25		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m³)	Lab 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	29.5	VMP-13-29.5-042924	4/29/2024	< 0.0053	U		0.0027	J		0.0056			< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-14	5	VMP-14-5-042924	4/29/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0036	J		< 0.0067	U		< 0.03	U	
VMP-14	5	VMP-14-5-020625	2/6/2025	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.0028	J		< 0.0070	U		< 0.031	U	
VMP-14	5	VMP-14-5-020625-DUP	2/6/2025	< 0.0049	U		< 0.0040	U		< 0.0035	U		< 0.016	U		< 0.012	U		0.0037	J		< 0.0067	U		< 0.029	U	
VMP-14	11.5	VMP-14-11.5-042924	4/29/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.03	U	
VMP-14	11.5	VMP-14-11.5-020625	2/6/2025	< 0.0044	U		< 0.0036	U		< 0.0031	U		< 0.014	U		< 0.01	U		0.0019	J		< 0.0060	U		< 0.026	U	
VMP-14	20	VMP-14-20-042924	4/29/2024	< 0.0052	U		< 0.0044	U		< 0.0038	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-14	20	VMP-14-20-020625	2/6/2025	< 0.0050	U		< 0.0042	U		0.0043			< 0.017	U		0.32			0.0028	J		0.0024	J		< 0.03	U	
VMP-14	29	VMP-14-29-042924	4/29/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0070	U		< 0.031	U	
VMP-14	29	VMP-14-29-020625	2/6/2025	< 0.0050	U		0.0035	J		0.013			< 0.017	U		0.76			0.0036	J		< 0.0069	U		< 0.03	U	
VMP-15	5	VMP-15-5-043024	4/30/2024	< 0.0054	U		< 0.0045	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0047	J		< 0.032	U	
VMP-15	5	VMP-15-5-072324	7/23/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		0.0060	J		< 0.0077	U		< 0.034	U	
VMP-15	5	VMP-15-5-102924	10/29/2024	< 0.0047	U		< 0.0039	U		< 0.0033	U		< 0.016	U		< 0.011	U		0.0027	J		< 0.0064	U		< 0.028	U	
VMP-15	5	VMP-15-5-020425	2/4/2025	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-15	21.5	VMP-15-21.5-043024	4/30/2024	< 0.0055	U		< 0.0046	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0091			< 0.033	U	
VMP-15	21.5	VMP-15-21.5-072324	7/23/2024	< 0.0047	U		< 0.0039	U		< 0.0034	U		< 0.016	U		< 0.011	U		0.042			< 0.0065	U		< 0.028	U	
VMP-15	21.5	VMP-15-21.5-102924	10/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0018	J		< 0.0074	U		< 0.032	U	
VMP-15	21.5	VMP-15-21.5-020425	2/4/2025	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		< 0.012	U		< 0.0099	U		< 0.0068	U		< 0.03	U	
VMP-15	25.5	VMP-15-25.5-043024	4/30/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.034	U	
VMP-15	25.5	VMP-15-25.5-072324	7/23/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		0.013	J	
VMP-15	25.5	VMP-15-25.5-102924	10/29/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		0.01			< 0.033	U	
VMP-15	25.5	VMP-15-25.5-020425	2/4/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.031	U	
VMP-15	29	VMP-15-29-043024	4/30/2024	< 0.0057	U		< 0.0047	U		< 0.0041	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.034	U	
VMP-15	29	VMP-15-29-072324	7/23/2024	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		< 0.011	U		< 0.0075	U		< 0.033	U	
VMP-15	29	VMP-15-29-102924	10/29/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		0.0021	J		< 0.0078	U		< 0.034	U	
VMP-15	29	VMP-15-29-020425	2/4/2025	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		< 0.01	U		< 0.0071	U		< 0.031	U	
VMP-16	5	VMP-16-5-050224	5/2/2024	< 0.0056	U		< 0.0046	U		< 0.0040	U		< 0.018	U		< 0.013	U		< 0.011	U		0.0036	J		< 0.034	U	
VMP-16	5	VMP-16-5-072424	7/24/2024	< 0.0057	U		0.0058			0.015			< 0.019	U		0.021			< 0.011	U		< 0.0079	U		< 0.034	U	
VMP-16	5	VMP-16-5-103124	10/31/2024	< 0.0051	U		< 0.0042	U		< 0.0036	U		< 0.017	U		< 0.012	U		0.016			0.0034	J		< 0.03	U	
VMP-16	5	VMP-16-5-020725	2/7/2025	< 0.024	U		0.29			0.21			< 0.081	U		0.085			< 0.048	U		< 0.033	U		< 0.15	U	
VMP-16	13.5	VMP-16-13.5-050224	5/2/2024	2.6	J		7.8	J		22			< 36	U		580			< 27	U		< 15	U		< 65	U	
VMP-16	13.5	VMP-16-13.5-072424	7/24/2024	< 0.2	U		< 0.16	U		< 0.14	U		0.84			0.4	J		< 0.49	U		0.12	J		< 1.2	U	
VMP-16	13.5	VMP-16-13.5-103124	10/31/2024	&																							

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

				4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trichlorobenzene		
Industrial/Commercial Screening Criteria (mg/m ³)																						4			25		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10	VMP-41-10-043024	4/30/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		< 0.01	U		< 0.0072	U		< 0.032	U	
VMP-41	10	VMP-41-10-072324	7/23/2024	< 0.0054	U		0.0032	J		0.017			< 0.018	U		0.026			0.0062	J		0.0090			< 0.033	U	
VMP-41	10	VMP-41-10-102924	10/29/2024	< 0.0050	U		< 0.0041	U		< 0.0036	U		< 0.016	U		0.012			0.27			< 0.0068	U		< 0.03	U	
VMP-41	10	VMP-41-10-020325	2/3/2025	< 0.0052	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0093	J		< 0.0071	U		< 0.031	U	
VMP-41	20	VMP-41-20-043024	4/30/2024	< 0.0056	U		< 0.0047	U		< 0.0040	U		< 0.019	U		< 0.014	U		< 0.011	U		< 0.0078	U		< 0.034	U	
VMP-41	20	VMP-41-20-072324	7/23/2024	< 0.0057	U		< 0.0048	U		< 0.0041	U		< 0.019	U		< 0.014	U		0.0053	J		< 0.0079	U		< 0.034	U	
VMP-41	20	VMP-41-20-102924	10/29/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		0.0023	J		0.0027	J		0.015		J	< 0.03	U	
VMP-41	20	VMP-41-20-102924-DUP	10/29/2024	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0030	J		< 0.0071	U	UJ	< 0.031	U	
VMP-41	20	VMP-41-20-020325	2/3/2025	< 0.0051	U		< 0.0043	U		< 0.0037	U		< 0.017	U		< 0.012	U		0.0034	J		< 0.0071	U		< 0.031	U	
VMP-41	26	VMP-41-26-043024	4/30/2024	< 0.0055	U		< 0.0046	U		< 0.0040	U		< 0.018	U		0.0077	J		< 0.011	U		< 0.0076	U		< 0.033	U	
VMP-41	26	VMP-41-26-072324	7/23/2024	< 0.0049	U		< 0.0041	U		< 0.0035	U		< 0.016	U		0.0046	J		0.057			< 0.0068	U		< 0.03	U	
VMP-41	26	VMP-41-26-102924	10/29/2024	< 0.0053	U		< 0.0044	U		< 0.0038	U		< 0.018	U		< 0.013	U		0.0034	J		< 0.0073	U		< 0.032	U	
VMP-41	26	VMP-41-26-020325	2/3/2025	< 0.0054	U		< 0.0045	U		< 0.0039	U		< 0.018	U		< 0.013	U		0.0070	J		< 0.0075	U		< 0.033	U	
VMP-55	20	VMP-55-20-043024	4/30/2024	< 32	U		< 26	U		5	J		< 100	U		2000			< 79	U		< 44	U		< 190	U	
VMP-55	20	VMP-55-20-072324	7/23/2024	< 27	U		14	J		52			< 90	U		3100			< 67	U		< 37	U		< 160	U	
VMP-55	20	VMP-55-20-102924	10/29/2024	< 5.4	U		22			29			< 18	U		610			< 13	U		< 7.4	U		< 32	U	
VMP-55	20	VMP-55-20-020425	2/4/2025	< 0.26	U		< 0.22	U		< 0.18	U		< 0.86	U		64			< 0.64	U		< 0.36	U		< 1.6	U	

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

				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Industrial/Commercial Screening Criteria (mg/m ³)				12												820			790		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5	VMP-10-5-042924	4/29/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-10	5	VMP-10-5-072324	7/23/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		0.0021	J		< 0.0049	U	
VMP-10	5	VMP-10-5-102924	10/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-10	5	VMP-10-5-020325	2/3/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0089	U		< 0.0044	U	
VMP-10	10	VMP-10-10-042924	4/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-10	10	VMP-10-10-090924	9/9/2024	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0085	U		< 0.0042	U	
VMP-10	10	VMP-10-10-102924	10/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-10	10	VMP-10-10-020325	2/3/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-10	10	VMP-10-10-020325-DUP	2/3/2025	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-10	20	VMP-10-20-042924	4/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-10	20	VMP-10-20-072324	7/23/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-10	20	VMP-10-20-072324-DUP	7/23/2024	< 0.0060	U		0.0023	J		< 0.0055	U		< 0.0052	U		0.0013	J		< 0.0049	U	
VMP-10	20	VMP-10-20-102924	10/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0047	U	
VMP-10	20	VMP-10-20-020325	2/3/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-10	30	VMP-10-30-042924	4/29/2024	< 0.0058	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0047	U	
VMP-10	30	VMP-10-30-072324	7/23/2024	< 0.0068	U		< 0.0062	U		< 0.0062	U		< 0.0059	U		< 0.011	U		< 0.0055	U	
VMP-10	30	VMP-10-30-102924	10/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-10	30	VMP-10-30-020325	2/3/2025	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0094	U		< 0.0047	U	
VMP-11	5	VMP-11-5-043024	4/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		0.0024	J		< 0.0046	U	
VMP-11	5	VMP-11-5-072324	7/23/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		0.0034	J		< 0.0050	U	
VMP-11	5	VMP-11-5-102924	10/29/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-11	5	VMP-11-5-102924-DUP	10/29/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-11	5	VMP-11-5-020325	2/3/2025	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0048	U	
VMP-11	8	VMP-11-8-043024	4/30/2024	< 0.0053	U		< 0.0048	U		< 0.0048	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-11	8	VMP-11-8-043024-DUP	4/30/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-11	8	VMP-11-8-072324	7/23/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-11	8	VMP-11-8-102924	10/29/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-11	8	VMP-11-8-020325	2/3/2025	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0049	U	
VMP-11	29	VMP-11-29-043024	4/30/2024	< 0.0060	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-11	29	VMP-11-29-102924	10/29/2024	< 0.0066	U		< 0.0060	U		0.0031	J		0.02			< 0.011	U		< 0.0053	U	
VMP-11	29	VMP-11-29-020325	2/3/2025	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-12	5	VMP-12-5-050224	5/2/2024	< 0.0063	U		< 0.0058	U		< 0.0058	U		< 0.0055	U		< 0.01	U		< 0.0051	U	
VMP-12	5	VMP-12-5-072424	7/24/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-12	5	VMP-12-5-103124	10/31/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-12	5	VMP-12-5-020725	2/7/2025	< 0.0055	U		< 0.0050	U		< 0.0050	U		< 0.0048	U		< 0.0088	U		< 0.0044	U	
VMP-12	11.5	VMP-12-11.5-050224	5/2/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-12	11.5	VMP-12-11.5-072424	7/24/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-12	11.5	VMP-12-11.5-103124	10/31/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-12	11.5	VMP-12-11.5-020725	2/7/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-12	25	VMP-12-25-050224	5/2/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-12	25	VMP-12-25-072424	7/24/2024	< 0.0064	U		< 0.0059	U		< 0.0059	U		< 0.0056	U		< 0.01	U		< 0.0052	U	
VMP-12	25	VMP-12-25-103124	10/31/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		0.0074			< 0.0090	U		< 0.0045	U	
VMP-12	25	VMP-12-25-020725	2/7/2025	< 0.0057	U		< 0.0052	U		< 0.0052	U		0.0032	J		< 0.0092	U		< 0.0046	U	
VMP-12	39	VMP-12-39-050224	5/2/2024	< 150	U		< 140	U		< 140	U		3900			17	J		< 120	U	
VMP-12	39	VMP-12-39-072424	7/24/2024	< 12	U		< 11	U		< 11	U		170			< 9.8	U		< 9.8	U	
VMP-12	39	VMP-12-39-103124	10/31/2024	< 54	U		< 49	U		< 49	U		2200			< 43	U		< 43	U	
VMP-12	39	VMP-12-39-020725	2/7/2025	< 14	U		1.8	J		< 13	U		2200			3.5	J		< 12	U	
VMP-13	5	VMP-13-5-042924	4/29/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		0.0018	J		< 0.0045	U	
VMP-13	5	VMP-13-5-020625	2/6/2025	< 0.0052	U		< 0.0048	U		< 0.0048	U		< 0.0045	U		< 0.0084	U		< 0.0042	U	
VMP-13	10.5	VMP-13-10.5-042924	4/29/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-13	10.5	VMP-13-10.5-020625	2/6/2025	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	U		< 0.0042	U	
VMP-13	21.5	VMP-13-21.5-042924	4/29/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-13	21.5	VMP-13-21.5-042924-DUP	4/29/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-13	21.5	VMP-13-21.5-020625	2/6/2025	< 0.0051	U		< 0.0047	U		< 0.0047	U		0.57			0.0026	J		< 0.0041	U	
VMP-13	21.5	VMP-13-21.5-020625-DUP	2/6/2025	< 0.0048	U		< 0.0044	U		< 0.0044	U		0.61			0.0026	J		< 0.0039	U	

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

Industrial/Commercial Screening Criteria (mg/m ³)				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
				12												820			790		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	29.5	VMP-13-29.5-042924	4/29/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		0.025			< 0.0093	U		< 0.0046	U	
VMP-14	5	VMP-14-5-042924	4/29/2024	< 0.0053	U		< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-14	5	VMP-14-5-020625	2/6/2025	0.0010	J		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-14	5	VMP-14-5-020625-DUP	2/6/2025	0.011			< 0.0049	U		< 0.0049	U		< 0.0046	U		< 0.0086	U		< 0.0043	U	
VMP-14	11.5	VMP-14-11.5-042924	4/29/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-14	11.5	VMP-14-11.5-020625	2/6/2025	< 0.0048	U		< 0.0044	U		< 0.0044	U		< 0.0042	U		< 0.0077	U		< 0.0039	U	
VMP-14	20	VMP-14-20-042924	4/29/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-14	20	VMP-14-20-020625	2/6/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		0.099			< 0.0088	U		< 0.0044	U	
VMP-14	29	VMP-14-29-042924	4/29/2024	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0090	U		< 0.0045	U	
VMP-14	29	VMP-14-29-020625	2/6/2025	< 0.0054	U		< 0.0050	U		0.0072			1.9			< 0.0088	U		< 0.0044	U	
VMP-15	5	VMP-15-5-043024	4/30/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-15	5	VMP-15-5-072324	7/23/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-15	5	VMP-15-5-102924	10/29/2024	< 0.0051	U		< 0.0047	U		< 0.0047	U		< 0.0044	U		< 0.0082	U		< 0.0041	U	
VMP-15	5	VMP-15-5-020425	2/4/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0044	U	
VMP-15	21.5	VMP-15-21.5-043024	4/30/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0097	U		< 0.0049	U	
VMP-15	21.5	VMP-15-21.5-072324	7/23/2024	< 0.0052	U		< 0.0047	U		< 0.0047	U		< 0.0045	U		< 0.0083	J	U	< 0.0042	U	
VMP-15	21.5	VMP-15-21.5-102924	10/29/2024	< 0.0058	U		< 0.0053	U		< 0.0053	U		< 0.0051	U		< 0.0094	U		< 0.0047	U	
VMP-15	21.5	VMP-15-21.5-020425	2/4/2025	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-15	25.5	VMP-15-25.5-043024	4/30/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-15	25.5	VMP-15-25.5-072324	7/23/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		0.00087	J		< 0.0050	U	
VMP-15	25.5	VMP-15-25.5-102924	10/29/2024	0.025			< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-15	25.5	VMP-15-25.5-020425	2/4/2025	0.0022	J		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-15	29	VMP-15-29-043024	4/30/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-15	29	VMP-15-29-072324	7/23/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0096	U		< 0.0048	U	
VMP-15	29	VMP-15-29-102924	10/29/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0099	U		< 0.0050	U	
VMP-15	29	VMP-15-29-020425	2/4/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-16	5	VMP-16-5-050224	5/2/2024	< 0.0061	U		< 0.0056	U		< 0.0056	U		< 0.0053	U		< 0.0098	U		< 0.0049	U	
VMP-16	5	VMP-16-5-072424	7/24/2024	< 0.0062	U		< 0.0057	U		< 0.0057	U		0.027			< 0.01	U		< 0.0050	U	
VMP-16	5	VMP-16-5-103124	10/31/2024	< 0.0055	U		< 0.0051	U		< 0.0051	U		< 0.0048	U		< 0.0089	U		< 0.0045	U	
VMP-16	5	VMP-16-5-020725	2/7/2025	< 0.026	U		< 0.024	U		< 0.024	U		8			0.049			< 0.021	U	
VMP-16	13.5	VMP-16-13.5-050224	5/2/2024	< 12	U		7.1	J		2.4	J		790			9.2	J		4.3	J	
VMP-16	13.5	VMP-16-13.5-072424	7/24/2024	< 0.21	U		< 0.2	U		< 0.2	U		300			< 0.17	U		< 0.17	U	
VMP-16	13.5	VMP-16-13.5-103124	10/31/2024	< 0.11	U		< 0.1	U		< 0.1	U		210			< 0.09	U		< 0.09	U	
VMP-16	13.5	VMP-16-13.5-020725	2/7/2025	< 0.47	U		0.077	J		< 0.43	U		390			0.069	J		< 0.38	U	
VMP-16	19	VMP-16-19-050224	5/2/2024	< 15	U		2.5	J		< 14	U		1500			4.1	J		< 12	U	
VMP-16	19	VMP-16-19-072424	7/24/2024	< 13	U		< 12	U		< 12	U		1300			< 10	U		< 10	U	
VMP-16	19	VMP-16-19-103124	10/31/2024	< 1.4	U		0.46	J	J	< 1.3	U		1500		J	1.2		J	0.64	J	J
VMP-16	19	VMP-16-19-020725	2/7/2025	< 5.5	U		< 5.1	U		< 5.1	U		1200			< 4.5	U		< 4.5	U	
VMP-16	31	VMP-16-31-050224	5/2/2024	< 30	U		< 27	U		< 27	U		3400			9	J		< 24	U	
VMP-16	31	VMP-16-31-072424	7/24/2024	< 13	U		< 12	U		< 12	U		2500			< 10	U		< 10	U	
VMP-16	31	VMP-16-31-103124	10/31/2024	< 2.5	U		11			3.8			2000			24			0.89	J	
VMP-16	31	VMP-16-31-020725	2/7/2025	< 10	U		< 9.6	U		< 9.6	U		1900			6	J		< 8.5	U	
VMP-17	5	VMP-17-5-043024	4/30/2024	< 0.0057	U		< 0.0052	U		< 0.0052	U		< 0.0050	U		< 0.0092	U		< 0.0046	U	
VMP-17	5	VMP-17-5-020325	2/3/2025	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0051	U		< 0.0095	U		< 0.0048	U	
VMP-17	5	VMP-17-5-020325-DUP	2/3/2025	< 0.0062	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-25	5	VMP-25-5-072324	7/23/2024	< 0.0078	U		0.0036	J		< 0.0071	U		1.5			0.0099	J		0.0059	J	
VMP-25	5	VMP-25-5-072324-DUP	7/23/2024	< 0.0078	U		0.0040	J		0.0022	J		1.5			0.012	J		0.0064		
VMP-25	5	VMP-25-5-102924	10/29/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		0.32			< 0.0097	U		< 0.0049	U	
VMP-25	5	VMP-25-5-102924-DUP	10/29/2024	< 0.0056	U		< 0.0052	U		< 0.0052	U		0.34			< 0.0091	U		< 0.0046	U	
VMP-25	5	VMP-25-5-032125	3/21/2025	< 0.0054	U		< 0.0049	U		< 0.0049	U		0.15			< 0.0087	U		< 0.0044	U	
VMP-25	9.5	VMP-25-9.5-072324	7/23/2024	< 0.01	U		0.0036	J		0.0026	J		1.9			0.0090	J		0.0055	J	
VMP-25	9.5	VMP-25-9.5-072324-DUP	7/23/2024	< 0.026	U		< 0.024	U		< 0.024	U		2			0.01	J		0.0062	J	
VMP-25	9.5	VMP-25-9.5-102924	10/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.16			< 0.0096	U		< 0.0048	U	
VMP-25	9.5	VMP-25-9.5-102924-DUP	10/29/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.16			< 0.0096	U		< 0.0048	U	
VMP-25	9.5	VMP-25-9.5-020425-DUP	2/4/2025	< 0.053	U		< 0.049	U		< 0.049	U		0.27			< 0.086	U		< 0.043	U	

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

				Trichloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			m,p-Xylene			o-Xylene		
Industrial/Commercial Screening Criteria (mg/m ³)				12												820			790		
Location	Depth (ft bgs)	Sample ID	Sample Date	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10	VMP-41-10-043024	4/30/2024	< 0.0058	U		< 0.0052	U		< 0.0053	U		< 0.0050	U		< 0.0093	U		< 0.0046	U	
VMP-41	10	VMP-41-10-072324	7/23/2024	< 0.0059	U		< 0.0054	U		< 0.0054	U		0.025			< 0.0096	U		< 0.0048	U	
VMP-41	10	VMP-41-10-102924	10/29/2024	< 0.0054	U		< 0.0050	U		< 0.0050	U		< 0.0047	U		< 0.0088	U		< 0.0044	U	
VMP-41	10	VMP-41-10-020325	2/3/2025	< 0.0056	U		< 0.0052	U		< 0.0052	U		< 0.0049	U		< 0.0091	U		< 0.0046	U	
VMP-41	20	VMP-41-20-043024	4/30/2024	< 0.0062	U		< 0.0056	U		< 0.0056	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-41	20	VMP-41-20-072324	7/23/2024	< 0.0063	U		< 0.0057	U		< 0.0057	U		< 0.0054	U		< 0.01	U		< 0.0050	U	
VMP-41	20	VMP-41-20-102924	10/29/2024	0.0020	J		< 0.0049	U		< 0.0049	U		< 0.0047	U		< 0.0087	U		< 0.0043	U	
VMP-41	20	VMP-41-20-102924-DUP	10/29/2024	0.013			< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-41	20	VMP-41-20-020325	2/3/2025	< 0.0056	U		< 0.0051	U		< 0.0051	U		< 0.0049	U		< 0.0091	U		< 0.0045	U	
VMP-41	26	VMP-41-26-043024	4/30/2024	< 0.0060	U		< 0.0055	U		< 0.0055	U		< 0.0052	U		< 0.0098	U		< 0.0049	U	
VMP-41	26	VMP-41-26-072324	7/23/2024	< 0.0054	U		< 0.0049	U		< 0.0049	U		< 0.0047	U		0.0019	J		< 0.0044	U	
VMP-41	26	VMP-41-26-102924	10/29/2024	0.0011	J		< 0.0053	U		< 0.0053	U		< 0.0050	U		< 0.0094	U		< 0.0047	U	
VMP-41	26	VMP-41-26-020325	2/3/2025	< 0.0059	U		< 0.0054	U		< 0.0054	U		< 0.0052	U		< 0.0096	U		< 0.0048	U	
VMP-55	20	VMP-55-20-043024	4/30/2024	< 35	U		< 32	U		< 32	U		370			4.8	J		< 28	U	
VMP-55	20	VMP-55-20-072324	7/23/2024	< 29	U		< 27	U		< 27	U		330			< 24	U		< 24	U	
VMP-55	20	VMP-55-20-102924	10/29/2024	< 5.8	U		< 5.4	U		< 5.4	U		160			< 4.7	U		< 4.7	U	
VMP-55	20	VMP-55-20-020425	2/4/2025	< 0.28	U		< 0.26	U		< 0.26	U		120			< 0.23	U		< 0.23	U	

Notes:
Screening criteria are from 35 I.A.C 742 (TACO) Appendix B, Table H - Tier 1 Soil Gas and Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route (Industrial/Commercial).
Blank screening criteria cell indicates analyte does not have a screening criterion.
Bold results are detections above the reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
< #.## Gray text indicates the analyte was not detected above the given reporting limit.
Analytes shown were detected in at least one location on Table 5 or Table 6 during the current quarter or previous 3 quarters.
Yellow highlighted cells indicate detections that exceed industrial/commercial screening criteria.

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.

VMP-25-9.5-020425 parent sample helium concentrations were >10% of final shroud helium, so results were not reported here. The duplicate sample did not have excess helium, so its results are reported here

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

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

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

Location	Depth (ft bgs)	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-1-5-050324	5/3/2024	0.16			< 0.024	U		< 0.0024	U		< 0.0024	U		0.088	J		0.000072	J		78			22		
VMP-1	5	VMP-1-5-072624	7/26/2024	0.71			< 0.025	U		< 0.0025	U		< 0.0025	U		0.12			< 0.00025	U		79			20		
VMP-1	5	VMP-1-5-102824	10/28/2024	0.034			< 0.022	U		< 0.0022	U		< 0.0022	U		0.51			0.00028			79			21		
VMP-1	5	VMP-1-5-020525	2/5/2025	0.043			< 0.018	U		< 0.0018	U		< 0.0018	U		0.11			0.00036			79			21		
VMP-1	8.5	VMP-1-8.5-050324	5/3/2024	0.17			< 0.024	U		< 0.0024	U		< 0.0024	U		0.43			< 0.00024	U		78			21		
VMP-1	8.5	VMP-1-8.5-072624	7/26/2024	0.69			< 0.021	U		< 0.0021	U		< 0.0021	U		0.19			< 0.00021	U		78			21		
VMP-1	8.5	VMP-1-8.5-102824	10/28/2024	0.046			< 0.020	U		< 0.0020	U		< 0.0020	U		0.33			0.00026			79			21		
VMP-1	8.5	VMP-1-8.5-020525	2/5/2025	0.050			< 0.020	U		< 0.0020	U		< 0.0020	U		0.41			0.00032			78			21		
VMP-1	38.5	VMP-1-38.5-050324	5/3/2024	0.16			< 0.022	U		< 0.0022	U		< 0.0022	U		1.5			0.000090	J		77			21		
VMP-1	38.5	VMP-1-38.5-072624	7/26/2024	0.66			< 0.024	U		< 0.0024	U		< 0.0024	U		0.29			< 0.00024	U		78			21		
VMP-1	38.5	VMP-1-38.5-102824	10/28/2024	0.085			< 0.021	U		< 0.0021	U		< 0.0021	U		0.099	J		0.00030			79			21		
VMP-1	38.5	VMP-1-38.5-020525	2/5/2025	0.050			< 0.018	U		< 0.0018	U		< 0.0018	U		1.2			0.00026			78			21		
VMP-2	5	VMP-2-5-050624	5/6/2024	0.31			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		79			21		
VMP-2	5	VMP-2-5-072324	7/23/2024	0.52			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.00012	J		78			21		
VMP-2	5	VMP-2-5-110124	11/1/2024	0.92			< 0.019	U		< 0.0019	U		< 0.0019	U		0.024	J		< 0.00019	U		78			21		
VMP-2	5	VMP-2-5-110124-DUP	11/1/2024	0.93			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		< 0.00019	U		78			21		
VMP-2	5	VMP-2-5-020725	2/7/2025	0.14			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.000050	J		78			22		
VMP-2	8.5	VMP-2-8.5-050624	5/6/2024	0.36			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			21		
VMP-2	8.5	VMP-2-8.5-072324	7/23/2024	0.99			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00032			79			20		
VMP-2	8.5	VMP-2-8.5-110124	11/1/2024	1.1			< 0.019	U		< 0.0019	U		< 0.0019	U		0.012	J		0.000055	J		78			21		
VMP-2	8.5	VMP-2-8.5-032125	3/21/2025	0.18			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000062	J		79			21		
VMP-2	22	VMP-2-22-050624	5/6/2024	0.48			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.000098	J		78			21		
VMP-2	22	VMP-2-22-072324	7/23/2024	1.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.049	J		0.00027			79			20		
VMP-2	22	VMP-2-22-110124	11/1/2024	1.1			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		0.00010	J		78			21		
VMP-2	22	VMP-2-22-020725	2/7/2025	0.34			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0073	J		0.000086	J		79			21		
VMP-2	42	VMP-2-42-072324	7/23/2024	2.4			< 0.023	U		0.0028			< 0.0023	U		0.24			8.0			73			16		
VMP-2	42	VMP-2-42-020725	2/7/2025	11			< 0.020	U		0.016			< 0.0020	U		0.0048	J		50			35			0.90		
VMP-3	5	VMP-3-5-050224	5/2/2024	0.65			< 0.024	U		< 0.0024	U		< 0.0024	U		0.23			0.000077	J		80			19		
VMP-3	5	VMP-3-5-072524	7/25/2024	0.23			< 0.023	U		< 0.0023	U		< 0.0023	U		0.10	J		0.00025			80			20		
VMP-3	5	VMP-3-5-103124	10/31/2024	1.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			20		
VMP-3	5	VMP-3-5-103124-DUP	10/31/2024	1.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-3	5	VMP-3-5-021025	2/10/2025	0.42			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			21		
VMP-3	10	VMP-3-10-050224	5/2/2024	0.34			< 0.024	U		< 0.0024	U		< 0.0024	U		0.80			0.00021	J		78			21		
VMP-3	10	VMP-3-10-072524	7/25/2024	0.32			< 0.023	U		< 0.0023	U		< 0.0023	U		2.7			0.00022	J		77			20		
VMP-3	10	VMP-3-10-103124	10/31/2024	1.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.16			< 0.00021	U		78			20		
VMP-3	10	VMP-3-10-021025	2/10/2025	0.42			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			21		
VMP-3	22	VMP-3-22-																									

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

Location	Depth (ft bgs)	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	23.5	VMP-4-23.5-050624	5/6/2024	2.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			19		
VMP-4	23.5	VMP-4-23.5-073024	7/30/2024	2.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0033	J		< 0.00021	J	U	80			18		
VMP-4	23.5	VMP-4-23.5-110124	11/1/2024	3.8			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0033	J		0.000088	J		79			17		
VMP-4	23.5	VMP-4-23.5-021025	2/10/2025	3.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.012	J		0.000098	J		77			19		
VMP-5	5	VMP-5-5-050124	5/1/2024	0.30			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0041	J		0.00016	J		79			21		
VMP-5	5	VMP-5-5-072924	7/29/2024	0.80			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			20		
VMP-5	5	VMP-5-5-103024	10/30/2024	0.75			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.000072	J		78			21		
VMP-5	5	VMP-5-5-020525	2/5/2025	0.30			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0094	J		0.00013	J		79			21		
VMP-5	12.5	VMP-5-12.5-050124	5/1/2024	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-5	12.5	VMP-5-12.5-072924	7/29/2024	1.9			< 0.025	U		< 0.0025	U		< 0.0025	U		< 0.12	U		< 0.00025	U		79			19		
VMP-5	12.5	VMP-5-12.5-110124	11/1/2024	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			20		
VMP-5	12.5	VMP-5-12.5-110124-DUP	11/1/2024	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			20		
VMP-5	12.5	VMP-5-12.5-020525	2/5/2025	0.84			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		0.000051	J		78			21		
VMP-5	31	VMP-5-31-050124	5/1/2024	1.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.000091	J		78			20		
VMP-5	31	VMP-5-31-050124-DUP	5/1/2024	1.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0063	J		0.000086	J		79			19		
VMP-5	31	VMP-5-31-072924	7/29/2024	2.5			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0035	J		< 0.00023	U		80			18		
VMP-5	31	VMP-5-31-110124	11/1/2024	2.8			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0040	J		< 0.00019	U		79			18		
VMP-5	31	VMP-5-31-020525	2/5/2025	2.7			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		< 0.00019	U		78			19		
VMP-5	40	VMP-5-40-050124	5/1/2024	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.059	J		0.00034			78			20		
VMP-5	40	VMP-5-40-072924	7/29/2024	2.6			< 0.024	U		< 0.0024	U		< 0.0024	U		0.0047	J		< 0.00024	U		79			18		
VMP-5	40	VMP-5-40-110124	11/1/2024	2.9			< 0.021	U		< 0.0021	U		< 0.0021	U		0.015	J		< 0.00021	U		79			18		
VMP-5	40	VMP-5-40-020525	2/5/2025	2.7			< 0.019	U		< 0.0019	U		< 0.0019	U		0.018	J		< 0.00019	U		78			19		
VMP-6	5	VMP-6-5-043024	4/30/2024	0.56			< 0.026	U		< 0.0026	U		< 0.0026	U		< 0.13	U		< 0.00026	U		79			20		
VMP-6	5	VMP-6-5-043024-DUP	4/30/2024	0.56			< 0.026	U		< 0.0026	U		< 0.0026	U		< 0.13	U		< 0.00026	U		79			20		
VMP-6	5	VMP-6-5-072424	7/24/2024	0.72			< 0.023	U		< 0.0023	U		< 0.0023	U		0.033	J		0.00014	J		79			20		
VMP-6	5	VMP-6-5-110524	11/5/2024	3.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			18		
VMP-6	5	VMP-6-5-021025	2/10/2025	0.35			< 0.020	U		< 0.0020	U		< 0.0020	U		0.030	J		0.00026			79			21		
VMP-6	10	VMP-6-10-043024	4/30/2024	0.80			< 0.025	U		< 0.0025	U		< 0.0025	U		0.0053	J		0.0027			80			19		
VMP-6	10	VMP-6-10-072424	7/24/2024	3.0			< 0.023	U		< 0.0023	U		< 0.0023	U		0.48			< 0.00023	U		78			18		
VMP-6	10	VMP-6-10-110524	11/5/2024	4.6			< 0.020	U		< 0.0020	U		< 0.0020	U		0.058	J		< 0.00020	U		79			16		
VMP-6	10	VMP-6-10-021025	2/10/2025	1.4			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0078	J		< 0.00019	U		79			20		
VMP-6	10	VMP-6-10-021025-DUP	2/10/2025	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000048	J		78			21		
VMP-6	31.5	VMP-6-31.5-043024	4/30/2024	4.1			< 0.024	U		< 0.0024	U		< 0.0024	U		0.013	J		< 0.00024	U		79			17		
VMP-6	31.5	VMP-6-31.5-072424	7/24/2024	4.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		81			14		
VMP-6	31.5	VMP-6-31.5-072424-DUP	7/24/2024	4.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		80			15		
VMP-6	31.5	VMP-6-31.5-110524	11/5/2024	6.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		80					

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

Location	Depth (ft bgs)	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	38	VMP-7-38-050324	5/3/2024	2.9			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			19		
VMP-7	38	VMP-7-38-072524	7/25/2024	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.29			0.00012	J		79			18		
VMP-7	38	VMP-7-38-102824	10/28/2024	3.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.024	J		0.00014	J		79			18		
VMP-7	38	VMP-7-38-020525	2/5/2025	3.2			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0034	J		0.00014	J		79			18		
VMP-8	5	VMP-8-5-042524	4/25/2024	2.6			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0059	J		0.000076	J		78			19		
VMP-8	5	VMP-8-5-072224	7/22/2024	0.64			< 0.020	U		< 0.0020	U		< 0.0020	U		0.026	J		0.00019	J		79			20		
VMP-8	5	VMP-8-5-102524	10/25/2024	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0059	J		0.00019	J		77			22		
VMP-8	5	VMP-8-5-013125	1/31/2025	0.13			< 0.020	U		< 0.0020	U		< 0.0020	U		0.31			< 0.00020	U		80			20		
VMP-8	9.5	VMP-8-9.5-042524	4/25/2024	4.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.013	J		0.00010	J		80			16		
VMP-8	9.5	VMP-8-9.5-072224	7/22/2024	1.4			< 0.022	U		< 0.0022	U		< 0.0022	U		1.3			0.00013	J		78			19		
VMP-8	9.5	VMP-8-9.5-102524	10/25/2024	1.0		J	< 0.022	U		< 0.0022	U		< 0.0022	U		0.0053	J		0.00020	J		77			22		
VMP-8	9.5	VMP-8-9.5-102524-DUP	10/25/2024	4.1		J	< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.000067	J		77			19		
VMP-8	9.5	VMP-8-9.5-013125	1/31/2025	1.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.045	J		< 0.00022	U		79			19		
VMP-8	23.5	VMP-8-23.5-042524	4/25/2024	5.1			< 0.021	U		< 0.0021	U		< 0.0021	U		0.020	J		< 0.00021	U		80			15		
VMP-8	23.5	VMP-8-23.5-072224	7/22/2024	4.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.048	J		< 0.00022	U		79			17		
VMP-8	23.5	VMP-8-23.5-102524	10/25/2024	4.9			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		79			16		
VMP-8	23.5	VMP-8-23.5-013125	1/31/2025	3.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			18		
VMP-8	35.5	VMP-8-35.5-042524	4/25/2024	0.93			< 0.021	U		< 0.0021	U		< 0.0021	U		0.38			0.00019	J		79			20		
VMP-8	35.5	VMP-8-35.5-090924	9/9/2024	0.067			< 0.021	U		< 0.0021	U		< 0.0021	U		1.1			0.00029			78			21		
VMP-8	35.5	VMP-8-35.5-102524	10/25/2024	1.3			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.097	U		0.00011	J		78			21		
VMP-8	35.5	VMP-8-35.5-013125	1/31/2025	0.87			< 0.020	U		< 0.0020	U		< 0.0020	U		0.031	J		< 0.00020	U		79			20		
VMP-9	5	VMP-9-5-042524	4/25/2024	0.64			< 0.022	U		< 0.0022	U		< 0.0022	U		0.024	J		0.00013	J		79			20		
VMP-9	5	VMP-9-5-072224	7/22/2024	0.26			< 0.024	U		< 0.0024	U		< 0.0024	U		0.027	J		0.00026			80			20		
VMP-9	5	VMP-9-5-102424	10/24/2024	0.28			< 0.021	U		< 0.0021	U		< 0.0021	U		0.027	J		0.00013	J		78			22		
VMP-9	5	VMP-9-5-013125	1/31/2025	0.41			< 0.022	U		0.000050	J		< 0.0022	U		0.016	J		0.00097			78			21		
VMP-9	11.5	VMP-9-11.5-042524	4/25/2024	1.2			< 0.023	U		< 0.0023	U		< 0.0023	U		0.013	J		< 0.00023	U		79			20		
VMP-9	11.5	VMP-9-11.5-072224	7/22/2024	1.4			< 0.024	U		< 0.0024	U		< 0.0024	U		0.037	J		0.00011	J		79			20		
VMP-9	11.5	VMP-9-11.5-102424	10/24/2024	0.84			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			21		
VMP-9	11.5	VMP-9-11.5-013125	1/31/2025	0.64			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0057	J		0.00035			78			21		
VMP-9	25.5	VMP-9-25.5-042524	4/25/2024	2.4			< 0.023	U		< 0.0023	U		< 0.0023	U		0.012	J		< 0.00023	U		79			19		
VMP-9	25.5	VMP-9-25.5-072224	7/22/2024	2.3			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			19		
VMP-9	25.5	VMP-9-25.5-102424	10/24/2024	1.6			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		77			21		
VMP-9	25.5	VMP-9-25.5-102424-DUP	10/24/2024	1.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0053	J		< 0.00020	U		78			21		
VMP-9	25.5	VMP-9-25.5-013125	1/31/2025	1.0			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.093	U		0.00016	J		79			20		
VMP-9	38.5	VMP-9-38.5-042524	4/25/2024	6.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.025	J		0.000093	J		81			13		
VMP-9	38.5	VMP-9-38.5-042524-DUP	4/td																								

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

Location	Depth (ft bgs)	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-11	5	VMP-11-5-043024	4/30/2024	1.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.029	J		0.00012	J		79			20		
VMP-11	5	VMP-11-5-072324	7/23/2024	0.12			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0098	J		0.00032			79			21		
VMP-11	5	VMP-11-5-102924	10/29/2024	0.11			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00014	J		78			22		
VMP-11	5	VMP-11-5-102924-DUP	10/29/2024	0.11			< 0.021	U		< 0.0021	U		< 0.0021	U		0.10	J		0.00011	J		78			22		
VMP-11	5	VMP-11-5-020325	2/3/2025	0.099			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00020	J		79			21		
VMP-11	8	VMP-11-8-043024	4/30/2024	1.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.028	J		0.00011	J		79			19		
VMP-11	8	VMP-11-8-043024-DUP	4/30/2024	1.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.020	J		0.00011	J		79			19		
VMP-11	8	VMP-11-8-072324	7/23/2024	0.20			< 0.024	U		< 0.0024	U		< 0.0024	U		0.023	J		0.00022	J		79			21		
VMP-11	8	VMP-11-8-102924	10/29/2024	0.14			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0031	J		0.000091	J		78			22		
VMP-11	8	VMP-11-8-020325	2/3/2025	0.10			< 0.022	U		< 0.0022	U		< 0.0022	U		0.022	J		0.00017	J		79			21		
VMP-11	29	VMP-11-29-043024	4/30/2024	2.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.023	J		< 0.00022	U		79			19		
VMP-11	29	VMP-11-29-102924	10/29/2024	0.26			< 0.024	U		< 0.0024	U		< 0.0024	U		0.027	J		0.00011	J		78			22		
VMP-11	29	VMP-11-29-020325	2/3/2025	0.10			< 0.022	U		< 0.0022	U		< 0.0022	U		0.054	J		0.00024			79			21		
VMP-12	5	VMP-12-5-050224	5/2/2024	0.072			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		0.00018	J		78			22		
VMP-12	5	VMP-12-5-072424	7/24/2024	0.055			< 0.021	U		< 0.0021	U		< 0.0021	U		0.16			0.00023			79			21		
VMP-12	5	VMP-12-5-103124	10/31/2024	0.045			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.00024			79			21		
VMP-12	5	VMP-12-5-020725	2/7/2025	0.066			< 0.020	U		< 0.0020	U		< 0.0020	U		0.076	J		0.00082			78			22		
VMP-12	11.5	VMP-12-11.5-050224	5/2/2024	0.095			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			22		
VMP-12	11.5	VMP-12-11.5-072424	7/24/2024	0.068			< 0.023	U		< 0.0023	U		< 0.0023	U		4.1			0.00029			76			20		
VMP-12	11.5	VMP-12-11.5-103124	10/31/2024	0.068			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000072	J		79			21		
VMP-12	11.5	VMP-12-11.5-020725	2/7/2025	0.10			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.00014	J		78			22		
VMP-12	25	VMP-12-25-050224	5/2/2024	10			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.0010			84			6.0		
VMP-12	25	VMP-12-25-072424	7/24/2024	3.5			< 0.024	U		< 0.0024	U		< 0.0024	U		0.25			< 0.00024	U		78			18		
VMP-12	25	VMP-12-25-103124	10/31/2024	9.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.049			85			6.1		
VMP-12	25	VMP-12-25-020725	2/7/2025	10			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0046	J		< 0.00021	U		80			10		
VMP-12	39	VMP-12-39-050224	5/2/2024	15			< 0.022	U		0.00057	J		< 0.0022	U		< 0.11	U		24			58			1.0		
VMP-12	39	VMP-12-39-072424	7/24/2024	13			< 0.022	U		0.00021	J		< 0.0022	U		0.013	J		6.7			78			2.0		
VMP-12	39	VMP-12-39-103124	10/31/2024	16			< 0.020	U		0.0020	J		< 0.0020	U		< 0.10	U		39			42			1.3		
VMP-12	39	VMP-12-39-020725	2/7/2025	17			< 0.021	U		0.000092	J		< 0.0021	U		< 0.11	U		11			70			1.3		
VMP-13	5	VMP-13-5-042924	4/29/2024	0.12			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-13	5	VMP-13-5-020625	2/6/2025	0.11			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0037	J		< 0.00019	U		79			21		
VMP-13	10.5	VMP-13-10.5-042924	4/29/2024	0.30			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			21		
VMP-13	10.5	VMP-13-10.5-020625	2/6/2025	0.23			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.096	U		0.0011			79			21		
VMP-13	21.5	VMP-13-21.5-042924	4/29/2024	0.58			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0085	J		< 0.00021	U		78			21		
VMP-13	21.5	VMP-13-21.5-042924-DUP	4/29/2024	0.58			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			21		
VMP-13	21.5	VMP-13-21.5-020625	2/6/2025	2.3			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0064	J		0.038			81			17		
VMP-13	21.5	VMP-13-21.5-020625-DUP																									

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

Location	Depth (ft bgs)	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-15	25.5	VMP-15-25.5-043024	4/30/2024	20			< 0.023	U		< 0.0023	U		< 0.0023	U		0.011	J		< 0.00023	U		78			1.9		
VMP-15	25.5	VMP-15-25.5-072324	7/23/2024	11			< 0.023	U		< 0.0023	U		< 0.0023	U		0.14			< 0.00023	U		77			12		
VMP-15	25.5	VMP-15-25.5-102924	10/29/2024	7.6			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		77			15		
VMP-15	25.5	VMP-15-25.5-020425	2/4/2025	12			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			7.3		
VMP-15	29	VMP-15-29-043024	4/30/2024	21			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0037	J		< 0.00023	U		77			1.9		
VMP-15	29	VMP-15-29-072324	7/23/2024	10			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0066	J		< 0.00022	U		77			13		
VMP-15	29	VMP-15-29-102924	10/29/2024	7.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		78			15		
VMP-15	29	VMP-15-29-020425	2/4/2025	12			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			7.3		
VMP-16	5	VMP-16-5-050224	5/2/2024	11			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		82			6.7		
VMP-16	5	VMP-16-5-072424	7/24/2024	0.82			< 0.023	U		< 0.0023	U		< 0.0023	U		0.028	J		0.00010	J		79			20		
VMP-16	5	VMP-16-5-103124	10/31/2024	3.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00014	J		80			17		
VMP-16	5	VMP-16-5-020725	2/7/2025	2.1			< 0.020	U		< 0.0020	U		< 0.0020	U		0.024	J		0.00022			78			20		
VMP-16	13.5	VMP-16-13.5-050224	5/2/2024	16			< 0.022	U		0.00016	J		< 0.0022	U		< 0.11	U		5.7			77			1.6		
VMP-16	13.5	VMP-16-13.5-072424	7/24/2024	17			< 0.024	U		< 0.0024	U		< 0.0024	U		0.010	J		0.025			82			1.4		
VMP-16	13.5	VMP-16-13.5-103124	10/31/2024	17			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.16			81			1.4		
VMP-16	13.5	VMP-16-13.5-020725	2/7/2025	15			< 0.021	U		< 0.0021	U		< 0.0021	U		0.10	J		0.37			83			1.5		
VMP-16	19	VMP-16-19-050224	5/2/2024	16			< 0.022	U		0.00043	J		< 0.0022	U		< 0.11	U		14			68			1.3		
VMP-16	19	VMP-16-19-072424	7/24/2024	16			< 0.023	U		0.00046	J		< 0.0023	U		< 0.12	U		8.8			73			1.8		
VMP-16	19	VMP-16-19-103124	10/31/2024	18			< 0.021	U		0.00011	J		< 0.0021	U		< 0.10	U		2.7			78			1.5		
VMP-16	19	VMP-16-19-020725	2/7/2025	18			< 0.021	U		0.00011	J		< 0.0021	U		< 0.10	U		8.2			72			1.3		
VMP-16	31	VMP-16-31-050224	5/2/2024	16			< 0.022	U		0.00044	J		< 0.0022	U		0.0083	J		16			66			1.2		
VMP-16	31	VMP-16-31-072424	7/24/2024	16			< 0.024	U		0.00046	J		< 0.0024	U		0.14			12			70			1.8		
VMP-16	31	VMP-16-31-103124	10/31/2024	18			< 0.019	U		0.00013	J		< 0.0019	U		0.0096	J		4.7			76			1.3		
VMP-16	31	VMP-16-31-020725	2/7/2025	18			< 0.020	U		0.00014	J		< 0.0020	U		< 0.098	U		13			68			1.2		
VMP-17	5	VMP-17-5-043024	4/30/2024	0.46			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		< 0.00021	U		80			20		
VMP-17	5	VMP-17-5-020325	2/3/2025	0.075			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0045	J		0.00015	J		79			21		
VMP-17	5	VMP-17-5-020325-DUP	2/3/2025	0.075			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		0.00017	J		79			21		
VMP-18	8.5	VMP-18-8.5-042624	4/26/2024	2.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0066	J		< 0.00020	U		79			19		
VMP-18	8.5	VMP-18-8.5-072224	7/22/2024	0.77			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0062	J		0.00012	J		79			20		
VMP-18	8.5	VMP-18-8.5-072224-DUP	7/22/2024	0.77			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0066	J		0.00012	J		79			20		
VMP-18	8.5	VMP-18-8.5-103024	10/30/2024	0.35			< 0.021	U		< 0.0021	U		< 0.0021	U		0.021	J		< 0.00021	U		78			22		
VMP-18	8.5	VMP-18-8.5-013125	1/31/2025	0.24			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			21		
VMP-19	5	VMP-19-5-050124	5/1/2024	0.69			< 0.025	U		< 0.0025	U		< 0.0025	U		0.018	J		0.00012	J		78			21		
VMP-19	5	VMP-19-5-072224	7/22/2024	0.19			< 0.023	U		< 0.0023	U		< 0.0023	U		3.3			0.00022	J		77			20		
VMP-19	5	VMP-19-5-072224-DUP	7/22/2024	0.19			< 0.021	U		< 0.0021	U		< 0.0021	U		3.3			0.00021	J		77			20		
VMP-19	5	VMP-19-5-102424	10/24/2024	0.068			< 0.022	U		< 0.0022	U		< 0.0022	U		0.069	J		0.00015	J		78			22		
VMP-19	5	VMP-19-5-013125	1/31/2025	0.059																							

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

Location	Depth (ft bgs)	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-21-5-050624	5/6/2024	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		82			16		
VMP-21	5	VMP-21-5-072924	7/29/2024	6.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			14		
VMP-21	5	VMP-21-5-110124	11/1/2024	3.3			< 0.018	U		< 0.0018	U		< 0.0018	U		< 0.088	U		0.000078	J		77			20		
VMP-21	5	VMP-21-5-021125	2/11/2025	1.0			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.096	U		< 0.00019	U		78			21		
VMP-21	5	VMP-21-5-021125-DUP	2/11/2025	1.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0093	J		< 0.00020	U		77			22		
VMP-21	10	VMP-21-10-050624	5/6/2024	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.026	J		< 0.00022	U		79			18		
VMP-21	10	VMP-21-10-072924	7/29/2024	6.3			< 0.023	U		< 0.0023	U		< 0.0023	U		0.24		J	< 0.00023	U		79			14		
VMP-21	10	VMP-21-10-072924-DUP	7/29/2024	6.3			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U	UJ	< 0.00022	U		80			14		
VMP-21	10	VMP-21-10-110124	11/1/2024	6.2			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0074	J		< 0.00019	U		78			16		
VMP-21	10	VMP-21-10-021125	2/11/2025	4.6			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		< 0.00019	U		77			18		
VMP-21	25	VMP-21-25-050624	5/6/2024	3.9			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		78			18		
VMP-21	25	VMP-21-25-072924	7/29/2024	3.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			17		
VMP-21	25	VMP-21-25-110124	11/1/2024	5.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			16		
VMP-21	25	VMP-21-25-021125	2/11/2025	5.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			17		
VMP-21	33	VMP-21-33-050624	5/6/2024	4.3			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		78			18		
VMP-21	33	VMP-21-33-050624-DUP	5/6/2024	4.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			18		
VMP-21	33	VMP-21-33-072924	7/29/2024	3.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.038	J		< 0.00021	U		79			17		
VMP-21	33	VMP-21-33-110124	11/1/2024	2.6			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		78			19		
VMP-22	5	VMP-22-5-050124	5/1/2024	1.0			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.000068	J		79			20		
VMP-22	5	VMP-22-5-073024	7/30/2024	2.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			18		
VMP-22	5	VMP-22-5-110424	11/4/2024	0.55			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00011	J		79			20		
VMP-22	5	VMP-22-5-021125	2/11/2025	0.29			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	U		78			22		
VMP-22	10	VMP-22-10-050124	5/1/2024	1.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.13			0.00018	J		79			20		
VMP-22	10	VMP-22-10-073024	7/30/2024	2.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.033	J		< 0.00022	J	U	80			18		
VMP-22	10	VMP-22-10-110424	11/4/2024	0.29			< 0.020	U		< 0.0020	U		< 0.0020	U		0.029	J		0.00024			80			20		
VMP-22	10	VMP-22-10-021125	2/11/2025	0.16			< 0.019	U		< 0.0019	U		< 0.0019	U		0.096			< 0.00019	J	U	78			22		
VMP-22	18	VMP-22-18-050124	5/1/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0036	J		< 0.00021	U		79			20		
VMP-22	18	VMP-22-18-050124-DUP	5/1/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0022	J		< 0.00021	U		79			20		
VMP-22	18	VMP-22-18-073024	7/30/2024	2.7			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			18		
VMP-22	18	VMP-22-18-110424	11/4/2024	2.7			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0038	J		< 0.00021	U		78			19		
VMP-22	18	VMP-22-18-110424-DUP	11/4/2024	2.7			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	J	U	78			19		
VMP-22	18	VMP-22-18-021125	2/11/2025	0.16			< 0.021	U		< 0.0021	U		< 0.0021	U		0.19			< 0.00021	J	U	78			22		
VMP-22	38	VMP-22-38-050124	5/1/2024	1.1			< 0.036	U		< 0.0036	U		< 0.0036	U		0.29			0.00020	J		79			20		
VMP-22	38	VMP-22-38-073024	7/30/2024	1.1			< 0.023	U		< 0.0023	U		< 0.0023	U		0.82			< 0.00023	J	U	79			19		
VMP-22	38	VMP-22-38-021125	2/11/2025	0.14			< 0.021	U		< 0.0021	U		< 0.0021	U		1.1			< 0.00021	J	U	77					

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

Location	Depth (ft bgs)	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	22	VMP-24-22-042624	4/26/2024	4.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.12			< 0.00022	U		79			17		
VMP-24	22	VMP-24-22-072524	7/25/2024	0.19			< 0.024	U		< 0.0024	U		< 0.0024	U		3.9			0.00024	J		76			20		
VMP-24	22	VMP-24-22-103024	10/30/2024	0.55			< 0.022	U		< 0.0022	U		< 0.0022	U		0.42			0.00020	J		78			21		
VMP-24	22	VMP-24-22-020425	2/4/2025	0.085			< 0.020	U		< 0.0020	U		< 0.0020	U		0.95			0.00022			77			22		
VMP-24	22	VMP-24-22-020425-DUP	2/4/2025	0.084			< 0.020	U		< 0.0020	U		< 0.0020	U		1.2			0.00020			77			22		
VMP-24	34	VMP-24-34-042624	4/26/2024	2.8			< 0.022	U		< 0.0022	U		< 0.0022	U		0.47			0.00013	J		78			19		
VMP-24	34	VMP-24-34-072524	7/25/2024	0.12			< 0.024	U		< 0.0024	U		< 0.0024	U		4.6			0.00021	J		75			20		
VMP-24	34	VMP-24-34-103024	10/30/2024	0.55			< 0.020	U		< 0.0020	U		< 0.0020	U		0.76			0.00018	J		78			21		
VMP-25	5	VMP-25-5-072324	7/23/2024	7.9			< 0.020	U		0.032			< 0.0020	U		< 0.10	U		2.5			88			1.5		
VMP-25	5	VMP-25-5-072324-DUP	7/23/2024	8.0			< 0.021	U		0.032			< 0.0021	U		0.0035	J		2.5			88			1.6		
VMP-25	5	VMP-25-5-102924	10/29/2024	6.0			< 0.022	U		0.013			< 0.0022	U		< 0.11	U		0.97			91			1.6		
VMP-25	5	VMP-25-5-102924-DUP	10/29/2024	6.0			< 0.021	U		0.012			< 0.0021	U		< 0.10	U		0.96			92			1.5		
VMP-25	5	VMP-25-5-032125	3/21/2025	5.7			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00019	J		89			5.0		
VMP-25	9.5	VMP-25-9.5-072324	7/23/2024	6.7			< 0.020	U		0.026			< 0.0020	U		0.034	J		2.0			89			1.9		
VMP-25	9.5	VMP-25-9.5-072324-DUP	7/23/2024	6.7			< 0.022	U		0.026			< 0.0022	U		0.0039	J		2.0			89			2.0		
VMP-25	9.5	VMP-25-9.5-102924	10/29/2024	5.0			< 0.022	U		0.0046			< 0.0022	U		< 0.11	U		0.36			92			2.7		
VMP-25	9.5	VMP-25-9.5-102924-DUP	10/29/2024	5.0			< 0.022	U		0.0047			< 0.0022	U		< 0.11	U		0.37			92			2.8		
VMP-25	9.5	VMP-25-9.5-020425-DUP	2/4/2025	2.0			< 0.020	U		0.019			< 0.0020	U		0.70			1.4			91			4.8		
VMP-32	5	VMP-32-5-050624	5/6/2024	1.5			< 0.020	U		< 0.0020	U		< 0.0020	U		0.082	J		0.000095	J		78			20		
VMP-32	5	VMP-32-5-073024	7/30/2024	3.2			< 0.022	U		< 0.0022	U		< 0.0022	U		0.013	J		< 0.00022	U		80			17		
VMP-32	5	VMP-32-5-110124	11/1/2024	4.0			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0036	J		< 0.00019	U		78			18		
VMP-32	5	VMP-32-5-021125	2/11/2025	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		0.020	J		< 0.00020	U		78			21		
VMP-32	10	VMP-32-10-050624	5/6/2024	2.3			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		< 0.00024	U		79			19		
VMP-32	10	VMP-32-10-073024	7/30/2024	4.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			17		
VMP-32	10	VMP-32-10-110424	11/4/2024	4.7			< 0.020	U		< 0.0020	U		< 0.0020	U		0.014	J		< 0.00020	J	U	78			17		
VMP-32	10	VMP-32-10-021125	2/11/2025	2.1			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		77			21		
VMP-32	20	VMP-32-20-050624	5/6/2024	0.42			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0071	J		0.00018	J		78			21		
VMP-32	20	VMP-32-20-073024	7/30/2024	0.53			< 0.024	U		< 0.0024	U		< 0.0024	U		0.10	J		0.00019	J		79			20		
VMP-32	20	VMP-32-20-110424	11/4/2024	0.69			< 0.020	U		< 0.0020	U		< 0.0020	U		0.022	J		0.00020	J		78			21		
VMP-32	20	VMP-32-20-021125	2/11/2025	0.093			< 0.019	U		< 0.0019	U		< 0.0019	U		0.15			0.00018	J		78			22		
VMP-32	30	VMP-32-30-050624	5/6/2024	0.14			< 0.022	U		< 0.0022	U		< 0.0022	U		0.29			0.00021	J		78			21		
VMP-32	30	VMP-32-30-073024	7/30/2024	0.17			< 0.024	U		< 0.0024	U		< 0.0024	U		1.1			0.00023	J		79			20		
VMP-32	30	VMP-32-30-110424	11/4/2024	0.60			< 0.019	U		< 0.0019	U		< 0.0019	U		0.12			0.00018	J		79			20		
VMP-32	30	VMP-32-30-110424-DUP	11/4/2024	0.60			< 0.019	U		< 0.0019	U		< 0.0019	U		0.11			0.00018	J		79			20		
VMP-32	30	VMP-32-30-021125	2/11/2025	0.054			< 0.020	U		< 0.0020	U		< 0.0020	U		0.17			0.00020			78			22		
VMP-41	10	VMP-41-10-043024	4/30/2024	0.92			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0069	J		< 0.00021	U		79			20		
VMP-41	10	VMP-41-10-072324	7/23/2023																								

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

Location	Depth (ft bgs)	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-42	30	VMP-42-30-050624	5/6/2024	0.13			< 0.023	U		< 0.0023	U		< 0.0023	U		0.010	J		0.00019	J		79			21		
VMP-42	30	VMP-42-30-072424	7/24/2024	1.2			< 0.023	U		< 0.0023	U		< 0.0023	U		0.31			0.00011	J		79			19		
VMP-42	30	VMP-42-30-072424-DUP	7/24/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.29			0.00010	J		78			20		
VMP-42	30	VMP-42-30-102824	10/28/2024	0.95			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			21		
VMP-42	30	VMP-42-30-020525	2/5/2025	0.81			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.096	U		0.000074	J		78			21		
VMP-43	10	VMP-43-10-050324	5/3/2024	0.37			< 0.021	U		< 0.0021	U		< 0.0021	U		0.078	J		0.00034			79			21		
VMP-43	10	VMP-43-10-072624	7/26/2024	0.86			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		0.00010	J		78			21		
VMP-43	10	VMP-43-10-102824	10/28/2024	0.42			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		0.00012	J		80			20		
VMP-43	10	VMP-43-10-020625	2/6/2025	0.14			< 0.018	U		< 0.0018	U		< 0.0018	U		0.0037	J		0.00012	J		79			21		
VMP-43	20	VMP-43-20-050324	5/3/2024	0.44			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00014	J		78			21		
VMP-43	20	VMP-43-20-072624	7/26/2024	0.97			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0076	J		0.000083	J		79			20		
VMP-43	20	VMP-43-20-102824	10/28/2024	0.74			< 0.023	U		< 0.0023	U		< 0.0023	U		0.13			< 0.00023	U		78			21		
VMP-43	20	VMP-43-20-102824-DUP	10/28/2024	0.74			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			21		
VMP-43	20	VMP-43-20-020625	2/6/2025	0.25			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		0.00011	J		78			22		
VMP-43	30	VMP-43-30-050324	5/3/2024	0.24			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000081	J		79			21		
VMP-43	30	VMP-43-30-072624	7/26/2024	0.73			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		78			21		
VMP-43	30	VMP-43-30-102824	10/28/2024	0.47			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0061	J		0.000099	J		78			21		
VMP-43	30	VMP-43-30-020625	2/6/2025	0.16			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0032	J		0.00012	J		78			22		
VMP-45	10	VMP-45-10-050324	5/3/2024	0.42			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00012	J		78			21		
VMP-45	10	VMP-45-10-072624	7/26/2024	0.80			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0049	J		0.00010	J		78			21		
VMP-45	10	VMP-45-10-102824	10/28/2024	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-45	10	VMP-45-10-020525	2/5/2025	0.88			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		0.000085	J		79			20		
VMP-45	20	VMP-45-20-050324	5/3/2024	0.45			< 0.020	U		< 0.0020	U		< 0.0020	U		0.048	J		0.000077	J		78			21		
VMP-45	20	VMP-45-20-072624	7/26/2024	0.80			< 0.022	U		< 0.0022	U		< 0.0022	U		0.069	J		0.00015	J		78			21		
VMP-45	20	VMP-45-20-102824	10/28/2024	1.3			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0056	J		< 0.00020	U		79			20		
VMP-45	20	VMP-45-20-020525	2/5/2025	0.52			< 0.019	U		< 0.0019	U		< 0.0019	U		0.017	J		0.000092	J		79			20		
VMP-45	20	VMP-45-20-020525-DUP	2/5/2025	0.54			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0042	J		0.000083	J		78			21		
VMP-45	30	VMP-45-30-050324	5/3/2024	0.44			< 0.021	U		< 0.0021	U		< 0.0021	U		0.048	J		0.000096	J		78			21		
VMP-45	30	VMP-45-30-072624	7/26/2024	0.81			< 0.023	U		< 0.0023	U		< 0.0023	U		0.15			0.00017	J		78			21		
VMP-45	30	VMP-45-30-072624-DUP	7/26/2024	0.80			< 0.024	U		< 0.0024	U		< 0.0024	U		0.16			0.00012	J		78			21		
VMP-45	30	VMP-45-30-102824	10/28/2024	0.97			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-45	30	VMP-45-30-020525	2/5/2025	1.0			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		0.000075	J		79			20		
VMP-47	5	VMP-47-5-042924	4/29/2024	1.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0025	J		0.00012	J		79			20		
VMP-47	5	VMP-47-5-072624	7/26/2024	4.0			< 0.020	U		< 0.0020	U		< 0.0020	U		0.16			< 0.00020	U		78			18		
VMP-47	5	VMP-47-5-102524	10/25/2024	0.82			< 0.022	U		< 0.0022	U		< 0.0022	U		0.36			0.000094	J		78			21		
VMP-47	5	VMP-47-5-032125	3																								

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

Location	Depth (ft bgs)	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-48	20	VMP-48-20-050124	5/1/2024	1.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		79			20		
VMP-48	20	VMP-48-20-073124	7/31/2024	3.1			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0033	J		< 0.00022	U		79			18		
VMP-48	20	VMP-48-20-103024	10/30/2024	4.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0063	J		< 0.00021	U		78			18		
VMP-48	20	VMP-48-20-021025	2/10/2025	2.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-48	30	VMP-48-30-050124	5/1/2024	2.3			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0025	J		< 0.00022	U		79			19		
VMP-48	30	VMP-48-30-050124-DUP	5/1/2024	2.4			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		78			20		
VMP-48	30	VMP-48-30-073124	7/31/2024	2.8			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			18		
VMP-48	30	VMP-48-30-103024	10/30/2024	3.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			18		
VMP-48	30	VMP-48-30-021025	2/10/2025	3.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		77			19		
VMP-49	5	VMP-49-5-050124	5/1/2024	1.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			20		
VMP-49	5	VMP-49-5-072924	7/29/2024	2.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			19		
VMP-49	5	VMP-49-5-103024	10/30/2024	2.1			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			20		
VMP-49	5	VMP-49-5-103024-DUP	10/30/2024	2.1			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		78			20		
VMP-49	5	VMP-49-5-021125	2/11/2025	0.67			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		< 0.00020	U		77			22		
VMP-49	10	VMP-49-10-050124	5/1/2024	1.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		0.000075	J		79			20		
VMP-49	10	VMP-49-10-072924	7/29/2024	3.9			< 0.023	U		< 0.0023	U		< 0.0023	U		0.20			< 0.00023	U		79			17		
VMP-49	10	VMP-49-10-103024	10/30/2024	3.3			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		77			20		
VMP-49	10	VMP-49-10-021125	2/11/2025	0.63			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		77			22		
VMP-49	20	VMP-49-20-050124	5/1/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.012	J		0.00013	J		79			20		
VMP-49	20	VMP-49-20-072924	7/29/2024	2.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0061	J		0.000076	J		79			18		
VMP-49	20	VMP-49-20-103124	10/31/2024	2.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000044	J		78			19		
VMP-49	20	VMP-49-20-021125	2/11/2025	0.37			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.093	U		0.000068	J		78			22		
VMP-49	30	VMP-49-30-050124	5/1/2024	0.72			< 0.022	U		< 0.0022	U		< 0.0022	U		0.033	J		< 0.00022	U		78			21		
VMP-49	30	VMP-49-30-072924	7/29/2024	0.80			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			21		
VMP-49	30	VMP-49-30-103124	10/31/2024	1.2			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		79			20		
VMP-49	30	VMP-49-30-021125	2/11/2025	0.49			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		< 0.00019	U		78			22		
VMP-50	5	VMP-50-5-050124	5/1/2024	0.25			< 0.023	U		< 0.0023	U		< 0.0023	U		0.010	J		0.00019	J		79			21		
VMP-50	5	VMP-50-5-073024	7/30/2024	0.84			< 0.021	U		< 0.0021	U		< 0.0021	U		0.017	J		< 0.00021	J	U	79			20		
VMP-50	5	VMP-50-5-110424	11/4/2024	0.61			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		0.00012	J		79			20		
VMP-50	5	VMP-50-5-021025	2/10/2025	0.092			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.098	U		0.00019	J		78			22		
VMP-50	10	VMP-50-10-050124	5/1/2024	0.42			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0025	J		0.00019	J		78			21		
VMP-50	10	VMP-50-10-073024	7/30/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	J	U	79			20		
VMP-50	10	VMP-50-10-073024-DUP	7/30/2024	1.2			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	J	U	79			20		
VMP-50	10	VMP-50-10-110424	11/4/2024	0.93			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		0.00012	J		78			21		
VMP-50	10	VMP-50-10-021025	2/10/2025	0.18			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020								

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

Location	Depth (ft bgs)	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-51	30	VMP-51-30-042624	4/26/2024	2.2			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0095	J		< 0.00021	U		78			20		
VMP-51	30	VMP-51-30-072924	7/29/2024	2.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0069	J		< 0.00021	U		79			18		
VMP-51	30	VMP-51-30-110124	11/1/2024	3.3			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			18		
VMP-51	30	VMP-51-30-020525	2/5/2025	2.8			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0042	J		< 0.00019	U		78			19		
VMP-52	5	VMP-52-5-042624	4/26/2024	1.8			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000066	J		79			19		
VMP-52	5	VMP-52-5-073124	7/31/2024	5.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			14		
VMP-52	5	VMP-52-5-110424	11/4/2024	1.6			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	J	U	79			19		
VMP-52	5	VMP-52-5-020625	2/6/2025	0.75			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.096	U		0.00012	J		79			20		
VMP-52	10	VMP-52-10-042624	4/26/2024	2.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0038	J		< 0.00021	U		79			19		
VMP-52	10	VMP-52-10-073124	7/31/2024	4.7			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		79			16		
VMP-52	10	VMP-52-10-110424	11/4/2024	3.5			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		80			17		
VMP-52	10	VMP-52-10-020625	2/6/2025	2.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			17		
VMP-52	20	VMP-52-20-042624	4/26/2024	4.3			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.000050	J		79			17		
VMP-52	20	VMP-52-20-073124	7/31/2024	5.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		80			15		
VMP-52	20	VMP-52-20-110424	11/4/2024	6.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	J	U	81			13		
VMP-52	20	VMP-52-20-110424-DUP	11/4/2024	6.4			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		< 0.00020	J	U	81			13		
VMP-52	20	VMP-52-20-020625	2/6/2025	6.7			< 0.020	U		< 0.0020	U		< 0.0020	U		0.011	J		0.000055	J		80			13		
VMP-52	30	VMP-52-30-042624	4/26/2024	5.0			< 0.022	U		< 0.0022	U		< 0.0022	U		0.011	J		0.000062	J		78			17		
VMP-52	30	VMP-52-30-042624-DUP	4/26/2024	5.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.099	U		0.000068	J		78			17		
VMP-52	30	VMP-52-30-073124	7/31/2024	5.7			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			15		
VMP-52	30	VMP-52-30-110424	11/4/2024	6.6			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		80			13		
VMP-52	30	VMP-52-30-020625	2/6/2025	7.4			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		81			12		
VMP-53	5	VMP-53-5-042524	4/25/2024	1.6			< 0.023	U		< 0.0023	U		< 0.0023	U		0.050	J		< 0.00023	U		78			20		
VMP-53	5	VMP-53-5-072224	7/22/2024	1.6			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.00025			78			20		
VMP-53	5	VMP-53-5-102424	10/24/2024	0.68			< 0.020	U		< 0.0020	U		< 0.0020	U		0.025	J		< 0.00020	U		78			21		
VMP-53	5	VMP-53-5-013125	1/31/2025	0.29			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0028	J		< 0.00021	U		79			21		
VMP-53	10	VMP-53-10-042524	4/25/2024	1.4			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0035	J		< 0.00021	U		79			20		
VMP-53	10	VMP-53-10-072224	7/22/2024	1.0			< 0.023	U		< 0.0023	U		< 0.0023	U		0.016	J		0.00092			79			20		
VMP-53	10	VMP-53-10-102424	10/24/2024	0.64			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0094	J		< 0.00021	U		78			21		
VMP-53	10	VMP-53-10-013125	1/31/2025	0.37			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0099	J		< 0.00022	U		79			21		
VMP-53	20	VMP-53-20-042524	4/25/2024	2.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0058	J		< 0.00022	U		79			19		
VMP-53	20	VMP-53-20-042524-DUP	4/25/2024	2.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0044	J		< 0.00022	U		79			19		
VMP-53	20	VMP-53-20-072224	7/22/2024	1.4			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			20		
VMP-53	20	VMP-53-20-102424	10/24/2024	0.79			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0055	J		< 0.00022	U		78			21		
VMP-53	20	VMP-53-20-013125	1/31/2025	0.79			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		79			20		
VMP-53	20	VMP-53-20-013125-DUP	1/31/2025																								

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

Location	Depth (ft bgs)	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-55	20	VMP-55-20-043024	4/30/2024	16			< 0.026	U		0.0076			< 0.0026	U		0.0069	J		14			68			1.3		
VMP-55	20	VMP-55-20-072324	7/23/2024	15			< 0.022	U		0.0034			< 0.0022	U		0.0088	J		14			68			2.4		
VMP-55	20	VMP-55-20-102924	10/29/2024	17			< 0.022	U		0.00026	J		< 0.0022	U		< 0.11	U		1.2			80			1.4		
VMP-55	20	VMP-55-20-020425	2/4/2025	17			< 0.021	U		0.0025			< 0.0021	U		< 0.10	U		2.7			77			3.1		
VMP-56	10	VMP-56-10-050224	5/2/2024	0.79			< 0.024	U		< 0.0024	U		< 0.0024	U		0.072	J		0.00015	J		79			20		
VMP-56	10	VMP-56-10-050224-DUP	5/2/2024	0.76			< 0.023	U		< 0.0023	U		< 0.0023	U		0.066	J		0.00015	J		79			20		
VMP-56	10	VMP-56-10-072424	7/24/2024	1.1			< 0.024	U		< 0.0024	U		< 0.0024	U		0.16			0.000071	J		79			20		
VMP-56	10	VMP-56-10-103124	10/31/2024	0.52			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0043	J		0.000066	J		78			21		
VMP-56	10	VMP-56-10-020725	2/7/2025	0.18			< 0.020	U		< 0.0020	U		< 0.0020	U		0.046	J		0.00013	J		78			22		
VMP-56	10	VMP-56-10-020725-DUP	2/7/2025	0.18			< 0.020	U		< 0.0020	U		< 0.0020	U		0.024	J		0.00014	J		78			22		
VMP-56	25	VMP-56-25-050224	5/2/2024	0.62			< 0.023	U		< 0.0023	U		< 0.0023	U		0.0043	J		0.00015	J		78			21		
VMP-56	25	VMP-56-25-072424	7/24/2024	1.3			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		0.00011	J		79			20		
VMP-56	25	VMP-56-25-103124	10/31/2024	1.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		0.000092	J		78			21		
VMP-56	25	VMP-56-25-020725	2/7/2025	0.49			< 0.020	U		< 0.0020	U		< 0.0020	U		0.0058	J		0.00015	J		78			21		
VMP-56	38.5	VMP-56-38.5-050224	5/2/2024	0.79			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		0.0068			78			21		
VMP-56	38.5	VMP-56-38.5-072424	7/24/2024	0.66			< 0.022	U		< 0.0022	U		< 0.0022	U		0.14			0.00019	J		79			20		
VMP-56	38.5	VMP-56-38.5-103124	10/31/2024	0.44			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		0.00024			78			21		
VMP-56	38.5	VMP-56-38.5-020725	2/7/2025	0.34			< 0.019	U		< 0.0019	U		< 0.0019	U		0.0070	J		0.00025			79			21		
VMP-62	5	VMP-62-5-042924	4/29/2024	3.9			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0023	J		< 0.00022	U		80			16		
VMP-62	5	VMP-62-5-073024	7/30/2024	10			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		79			11		
VMP-62	5	VMP-62-5-102524	10/25/2024	3.1			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			19		
VMP-62	5	VMP-62-5-020325	2/3/2025	1.5			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		0.000051	J		78			20		
VMP-62	5	VMP-62-5-020325-DUP	2/3/2025	1.6			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.11	U		< 0.00023	U		78			20		
VMP-62	10	VMP-62-10-042924	4/29/2024	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.0039	J		< 0.00022	U		80			17		
VMP-62	10	VMP-62-10-073024	7/30/2024	8.0			< 0.019	U		< 0.0019	U		< 0.0019	U		< 0.094	U		< 0.00019	U		78			14		
VMP-62	10	VMP-62-10-102524	10/25/2024	3.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.10	U		< 0.00021	U		78			19		
VMP-62	10	VMP-62-10-020325	2/3/2025	3.3			< 0.021	U		< 0.0021	U		< 0.0021	U		< 0.11	U		< 0.00021	U		78			19		
VMP-62	20	VMP-62-20-042924	4/29/2024	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			19		
VMP-62	20	VMP-62-20-073024	7/30/2024	5.8			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			16		
VMP-62	20	VMP-62-20-102524	10/25/2024	4.0			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		78			18		
VMP-62	20	VMP-62-20-020325	2/3/2025	3.2			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			19		
VMP-62	30	VMP-62-30-042924	4/29/2024	2.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			19		
VMP-62	30	VMP-62-30-073024	7/30/2024	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		80			18		
VMP-62	30	VMP-62-30-073024-DUP	7/30/2024	2.5			< 0.022	U		< 0.0022	U		< 0.0022	U		0.013	J		< 0.00022	U		80			18		
VMP-62	30	VMP-62-30-102524	10/25/2024	2.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.11			< 0.00021	U		78			20		
VMP-62	30	VMP-62-30-020325	2/3/2025	2.8			< 0.023	U		< 0.0023	U		< 0.0023	U		0.030	J		< 0.00023	U		79			18		
VMP-																											

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

Location	Depth (ft bgs)	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-64-5-042624	4/26/2024	2.3			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		< 0.00021	U		80			18		
VMP-64	5	VMP-64-5-072524	7/25/2024	3.7			< 0.021	U		< 0.0021	U		< 0.0021	U		0.038	J		0.00012	J		79			17		
VMP-64	5	VMP-64-5-102524	10/25/2024	5.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		77			17		
VMP-64	5	VMP-64-5-102524-DUP	10/25/2024	5.7			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		77			17		
VMP-64	5	VMP-64-5-020325	2/3/2025	2.2			< 0.023	U		< 0.0023	U		< 0.0023	U		< 0.12	U		< 0.00023	U		79			19		
VMP-64	10	VMP-64-10-042624	4/26/2024	3.2			< 0.024	U		< 0.0024	U		< 0.0024	U		< 0.12	U		0.000068	J		79			18		
VMP-64	10	VMP-64-10-072524	7/25/2024	4.5			< 0.021	U		< 0.0021	U		< 0.0021	U		0.42			< 0.00021	U		80			15		
VMP-64	10	VMP-64-10-102524	10/25/2024	3.5			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			18		
VMP-64	10	VMP-64-10-020325	2/3/2025	3.4			< 0.022	U		< 0.0022	U		< 0.0022	U		0.039	J		< 0.00022	U		79			18		
VMP-64	20	VMP-64-20-042624	4/26/2024	3.9			< 0.022	U		< 0.0022	U		< 0.0022	U		< 0.11	U		< 0.00022	U		78			18		
VMP-64	20	VMP-64-20-042624-DUP	4/26/2024	3.8			< 0.021	U		< 0.0021	U		< 0.0021	U		0.0042	J		< 0.00021	U		79			17		
VMP-64	20	VMP-64-20-072524	7/25/2024	3.7			< 0.021	U		< 0.0021	U		< 0.0021	U		1.1			< 0.00021	U		78			17		
VMP-64	20	VMP-64-20-102524	10/25/2024	0.22			< 0.021	U		< 0.0021	U		< 0.0021	U		0.013	J		0.00016	J		78			22		
VMP-64	20	VMP-64-20-020325	2/3/2025	4.5			< 0.020	U		< 0.0020	U		< 0.0020	U		< 0.10	U		< 0.00020	U		80			16		

Notes:
Bold results are detections above the reporting limit (RL), or estimated detections between the method detection limit (MDL) and RL.
< #.## Gray text indicates the analyte was not detected above the given reporting limit.

VMP-25-9.5-020425 parent sample helium concentrations were >10% of final shroud helium, so results were not reported here. The duplicate sample did not have excess helium, so its results are reported here

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

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

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-03R	400.71-410.71 (31-41)	4/23/2024	08:27	-8.82	40.06	0.3	7	1.7	19.3	60.2	1159	690	469	
SVE-03R		5/14/2024	12:13	-8.52	NE	0.5	10	1.9	18.8	115	1775	1045	730	
SVE-03R		5/29/2024	08:15	-8.17	NE	0.3	7	1.9	18.7	51.2	1133	630	503	
SVE-03R		6/19/2024	13:57	-4.42	40.11	0.2	5	2.0	18.3	31.7	735	383	352	
SVE-03R		7/18/2024	07:45	-9.19	40.06	0.1	3	18.7	2.0	29.2	458	205	253	
SVE-03R		8/27/2024	12:54	-5.08	40.09	0.1	2	18.8	1.9	21.4	231	46.8	184.2	
SVE-03R		9/18/2024	12:20	-5.70	NE	0.1	2	19.0	1.8	9.8	182	33.4	148.6	
SVE-03R		10/22/2024	13:39	-7.40	40.04	0.1	2	1.1	19.7	5.7	87.6	18.6	69	
SVE-03R		11/20/2024	13:04	-8.12	37.76	0.1	2	2.1	18.6	14.3	157	11.4	145.6	
SVE-03R		12/19/2024	08:34	-8.43	40.11	0.0	0	2.0	18.8	15.6	134	5.6	128.4	
SVE-03R		1/29/2025	09:15	-7.70	NE	0.0	0	1.7	19.2	5.8	72.5	11.2	61.3	
SVE-03R		2/26/2025	12:23	-6.98	NE	0.1	2	1.7	19.2	10.8	125	8.1	117	
SVE-03R		3/19/2025	13:36	-7.45	NE	0.2	4	1.8	18.7	32.8	359	31.6	327	
SVE-04	427.04-437.04 (5-15)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-07	423.71-433.71 (10-20)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-11	423.56-433.56 (10-20)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-15	424.15-434.15 (10-20)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-19	423.44-433.44 (11-21)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		3/20/2025	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)	4/22/2024	13:15	-65.80	33.24	33.4	OVR	7.2	11.0	462	84810	68740	16070	
SVE-20		5/29/2024	10:44	-61.00	34.68	32.3	OVR	7.6	10.0	529	102000	83050	18950	
SVE-20		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		10/22/2024	11:27	-43.00	37.58	0.0	0	6.4	13.4	4.6	165	163	2	
SVE-20		10/22/2024	11:27	-43.00	37.70	0.0	0	6.4	13.4	4.6	165	163	2	
SVE-20		11/20/2024	10:08	-35.58	33.76	42.9	OVR	10.1	7.4	353	94970	94530	440	
SVE-20		12/18/2024	11:51	-12.07	37.78	46.1	OVR	11.7	5.6	503	120150	97880	22270	
SVE-20		1/28/2025	10:48	-28.60	34.60	32.4	OVR	8.8	9.6	506	84150	65010	19140	
SVE-20		2/26/2025	10:15	-36.64	NE	38.9	OVR	9.5	8.5	498	107620	79540	28080	
SVE-20		3/19/2025	09:38	-48.90	NE	43.9	OVR	9.3	8.3	395	109700	84560	25140	
SVE-21		4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21	408.29-418.29 (25-35)	8/28/2024	08:22	-12.90	34.41	0.0	0	19.8	1.2	30.7	75.3	16.2	59.1	
SVE-21		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		10/22/2024	14:16	-19.80	34.40	0.1	2	0.6	20.5	127	444	113	331	
SVE-21		11/20/2024	14:02	-16.45	34.44	0.1	3	1.7	19.2	56.8	1135	820	315	
SVE-21		12/19/2024	08:08	-16.98	34.42	0.0	0	1.1	19.7	21.2	199	112	87	
SVE-21		1/28/2025	13:28	-9.40	34.40	0.0	0	0.9	19.9	0.7	39.4	39.4	0.0	
SVE-21		2/26/2025	14:08	-18.03	34.45	0.0	0	0.8	20.0	1.1	43.1	38.3	4.8	
SVE-21		3/20/2025	11:00	-22.80	34.41	0.0	0	0.8	20.0	1.3	28.3	26.0	2.3	
SVE-22	404.37-414.37 (25-35)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/28/2024	08:47	-12.57	34.33	0.0	0	20.3	0.6	36.7	177	83.4	93.6	
SVE-22		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		10/22/2024	14:33	-18.00	34.15	0.5	10	0.8	20.3	5865	17465	636	16829	
SVE-22		11/20/2024	13:45	-14.23	34.15	0.1	2	0.7	20.0	49.2	357	208	149	
SVE-22		12/19/2024	07:53	-15.16	33.76	0.0	0	0.6	20.3	16.9	255	185	70	
SVE-22		1/28/2025	14:09	-8.50	34.25	0.0	0	0.6	19.9	13.7	182	139	43.0	
SVE-22		2/26/2025	14:23	-16.01	33.67	0.0	0	0.7	19.9	7.9	134	98.6	35.4	
SVE-22		3/20/2025	10:48	-23.00	33.44	0.0	0	0.7	20.1	3.6	71.2	54.7	16.5	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-23	405.75-415.75 (15-25)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/20/2025	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)	4/23/2024	09:47	-60.80	16.66	1.3	26	4.5	15.2	126	6377	5698	679	
SVE-24		5/29/2024	07:48	-54.80	NE	1.0	21	4.5	14.5	83.6	6894	6260	634	
SVE-24		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		10/23/2024	12:05	-17.90	24.90	2.4	49	5.7	13.3	780	8540	5765	2775	
SVE-24		11/20/2024	14:20	-16.90	23.65	1.1	23	5.9	13.5	293	7169	6422	747	
SVE-24		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25	422-432 (10-20)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-27	405.93-415.93 (20-30)	4/23/2024	13:26	-64.00	23.04	10.7	OVR	5.4	13.6	561	33850	26920	6930	
SVE-27		5/29/2024	08:00	-54.90	NE	9.7	OVR	5.0	13.7	536	35880	27470	8410	
SVE-27		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		10/23/2024	12:19	-24.10	NE	1.4	28	5.5	13.5	342	4665	3123	1542	
SVE-27		11/20/2024	15:10	-23.41	27.18	4.4	88	2.6	13.8	502	22048	12962	9086	
SVE-27		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28	392.94-402.94 (41-51)	4/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/29/2024	11:29	-6.75	45.38	0.2	5	1.3	19.5	11.7	705	497	208	
SVE-28		6/19/2024	12:24	-8.17	45.34	0.0	0	1.1	19.4	6.8	297	217	80.0	
SVE-28		7/17/2024	13:24	-19.57	44.98	0.1	2	19.3	1.4	19.4	283	113	170	
SVE-28		8/27/2024	11:02	-11.77	44.76	0.1	2	18.6	1.9	10.9	363	216	147	
SVE-28		9/18/2024	11:23	-14.98	44.85	0.0	1	18.4	2.0	3.2	99.0	34.8	64.2	
SVE-28		10/25/2024	10:00	-21.10	44.60	0.1	2	2.2	18.3	8.7	273	168	105	
SVE-28		10/25/2024	10:00	-21.10	45.11	0.1	2	2.2	18.3	8.7	273	168	105	
SVE-28		11/20/2024	10:54	-20.67	44.81	0.2	4	2.2	18.7	16.2	445	231	214	
SVE-28		12/18/2024	13:20	-19.48	44.55	0.2	4	1.8	19.0	15.2	336	137	199	
SVE-28		1/28/2025	11:42	-13.00	44.80	0.1	2	1.5	19.3	9.7	318	186	132	
SVE-28		2/26/2025	10:54	-15.13	44.87	0.2	4	1.5	19.4	20.2	351	112	239	
SVE-28		3/19/2025	10:52	-20.73	44.71	0.2	4	1.5	19.1	22.3	418	130	288	
SVE-29	412.93-422.93 (21-31)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/20/2025	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)	4/23/2024	12:30	-55.80	33.28	18.1	OVR	6.4	12.0	595	33130	22840	10290	
SVE-30		5/29/2024	11:22	-50.50	NE	19.6	OVR	6.4	11.6	624	33860	24650	9210	
SVE-30		6/19/2024	11:18	-14.97	37.51	83.0	OVR	8.2	8.7	814	90320	54530	35790	
SVE-30		7/17/2024	13:08	-58.70	32.29	13.5	OVR	12.7	5.5	866	19680	17330	2350	
SVE-30		8/27/2024	10:45	-22.76	35.95	10.7	OVR	11.9	6.0	622	16790	13430	3360	
SVE-30		9/18/2024	11:13	-27.90	NE	9.7	OVR	12.3	5.8	519	22440	14800	7640	
SVE-30		10/21/2024	12:41	-14.90	37.50	22.8	OVR	7.5	9.5	692	30980	28680	2300	
SVE-30		11/20/2024	10:45	-54.51	30.84	14.7	OVR	6.6	11.4	598	33420	23060	10360	
SVE-30		12/18/2024	12:47	-64.10	32.16	24.9	OVR	6.5	11.8	654	41920	27590	14330	
SVE-30		1/28/2025	11:33	-46.90	32.90	26.3	OVR	6.3	11.9	416	49160	34500	14660	
SVE-30		2/26/2025	10:47	-41.51	NE	32.7	OVR	6.5	11.5	635	44850	32740	12110	
SVE-30		3/19/2025	10:43	-57.80	32.50	43.8	OVR	6.6	11.1	633	48620	35970	12650	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-31	407.81-417.81 (25-35)	4/22/2024	13:51	-45.70	34.32	4.0	80	3.0	16.6	522	8254	4190	4064	
SVE-31		5/29/2024	11:14	-51.00	NE	3.4	69	3.0	16.7	547	8818	7582	1236	
SVE-31		6/19/2024	11:03	-14.98	36.68	2.8	57	3.6	15.4	458	4705	2449	2256	
SVE-31		7/17/2024	12:53	-59.00	34.60	5.2	OVR	16.3	3.4	609	10547	5739	4808	
SVE-31		8/27/2024	10:32	-22.79	35.71	3.0	60	16.3	3.5	412	6626	3234	3392	
SVE-31		9/18/2024	11:06	-27.90	NE	2.9	59	16.1	3.6	342	7344	3672	3672	
SVE-31		10/21/2024	12:32	-14.80	35.45	1.3	26	3.7	16.1	278	4176	2047	2129	
SVE-31		11/20/2024	10:37	-54.26	30.96	4.2	84	3.9	15.6	415	10457	5307	5150	
SVE-31		12/18/2024	12:37	-64.20	33.62	3.5	70	3.4	16.2	573	8618	4115	4503	
SVE-31		1/28/2025	11:21	-47.20	33.50	3.2	64	3.2	16.0	553	7418	3524	3894	
SVE-31		2/26/2025	10:39	-41.47	NE	5.3	OVR	3.7	15.1	524	9642	4508	5134	
SVE-31		3/19/2025	10:34	-58.10	34.17	4.9	98	3.8	15.0	596	10162	5043	5119	
SVE-32	408.63-418.63 (25-35)	4/22/2024	13:51	-45.70	33.99	OVR	OVR	8.7	7.6	569	148000	104000	44000	
SVE-32		5/29/2024	11:06	-51.00	NE	OVR	OVR	9.3	6.0	374	175000	114000	61000	
SVE-32		6/19/2024	10:50	-15.11	35.72	OVR	OVR	10.3	4.6	534	166730	109540	57190	
SVE-32		7/17/2024	12:37	-59.10	33.35	OVR	OVR	8.3	8.5	951	72940	60370	12570	
SVE-32		8/27/2024	10:13	-22.83	35.77	83.9	OVR	7.2	8.9	788	103380	51630	51750	
SVE-32		9/18/2024	10:58	-28.04	NE	OVR	OVR	5.7	9.8	355	126320	111570	14750	
SVE-32		10/21/2024	12:19	-14.90	36.30	OVR	OVR	10.3	5.2	419	120580	117240	3340	
SVE-32		11/20/2024	10:25	-54.45	31.08	OVR	OVR	10.8	4.9	408	171220	138680	32540	
SVE-32		12/18/2024	12:21	-64.90	35.95	84.3	OVR	10.5	5.2	338	174050	157580	16470	
SVE-32		1/28/2025	11:10	-47.50	NE	OVR	OVR	9.5	8.8	387	231640	158440	73200	
SVE-32		2/26/2025	10:31	-41.67	NE	85.5	OVR	11.5	3.1	193	223760	166210	57550	
SVE-32		3/19/2025	10:00	-58.60	34.26	85.9	OVR	11.5	2.4	152	267420	178820	88600	
SVE-33	408.46-418.46 (25-35)	4/22/2024	13:27	-48.70	35.30	35.7	OVR	7.4	10.6	436	59930	57780	2150	
SVE-33		5/29/2024	10:57	-49.30	NE	37.7	OVR	7.5	9.4	586	89260	66090	23170	
SVE-33		6/19/2024	10:33	-15.17	35.78	25.8	OVR	7.8	9.2	589	57930	43590	14340	
SVE-33		7/17/2024	12:19	-59.40	37.52	67.8	OVR	10.0	7.4	711	79720	74940	4780	
SVE-33		8/27/2024	10:02	-22.87	37.27	68.5	OVR	9.6	7.8	624	99780	66240	33540	
SVE-33		9/18/2024	10:45	-28.24	NE	38.3	OVR	9.4	7.9	481	53870	52730	1140	
SVE-33		10/21/2024	12:10	-15.00	36.15	31.2	OVR	8.8	8.7	532	51980	48600	3380	
SVE-33		11/20/2024	10:18	-51.71	34.87	12.7	OVR	8.2	9.9	367	45870	36970	8900	
SVE-33		12/18/2024	12:04	-69.00	36.12	17.4	OVR	8.0	10.6	359	50400	37770	12630	
SVE-33		1/28/2025	11:01	-48.10	NE	20.8	OVR	8.1	10.2	286	50100	37460	12640	
SVE-33		2/26/2025	10:23	-41.92	NE	24.0	OVR	8.5	9.3	374	57760	48150	9610	
SVE-33		3/19/2025	09:51	-58.90	NE	31.8	OVR	8.8	8.5	486	53660	47540	6120	
SVE-34	398.76-418.76 (25-45)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-35	402.84-412.84 (31-41)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/20/2025	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)	4/23/2024	12:48	-43.40	33.96	1.3	26	2.2	18.0	132	4228	2839	1389	
SVE-37		5/29/2024	11:36	-38.70	34.43	1.4	29	2.3	17.8	152	5645	3840	1805	
SVE-37		6/19/2024	12:35	-11.59	36.99	1.5	31	2.5	17.2	145	4560	2810	1750	
SVE-37		7/17/2024	13:40	-49.10	32.14	2.2	44	17.3	2.6	112	6511	4134	2377	
SVE-37		8/27/2024	11:16	-17.35	35.72	1.7	35	17.2	2.8	138	5465	3512	1953	
SVE-37		9/18/2024	11:34	-20.75	NE	1.3	26	17.2	2.8	71.3	4109	2667	1442	
SVE-37		10/21/2024	12:00	-11.60	36.60	0.9	18	3.0	17.1	51.2	2768	1991	777	
SVE-37		11/20/2024	11:04	-40.55	31.02	1.6	32	2.9	17.5	127	5156	3616	1540	
SVE-37		12/18/2024	13:36	-50.40	30.88	2.3	46	2.5	18.0	169	6725	4428	2297	
SVE-37		1/28/2025	11:55	-33.10	31.41	1.3	26	2.3	18.1	87.9	4950	3624	1326	
SVE-37		2/26/2025	11:02	-32.34	NE	1.6	32	2.2	18.1	119	4826	3309	1517	
SVE-37		3/19/2025	11:00	-52.20	30.68	2.1	42	2.1	18.2	149	6802	4813	1989	
SVE-38	409-419 (25-35)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		3/20/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-39	409.5-419.5 (25-35)	4/23/2024	08:05	-43.20	30.25	3.0	60	4.5	14.4	185	7427	5862	1565	
SVE-39		5/29/2024	08:53	-38.30	29.86	3.3	67	4.4	13.8	194	10300	8562	1738	
SVE-39		6/19/2024	13:32	-11.36	32.33	5.7	OVR	4.7	13.2	380	17480	12240	5240	Dilution probe was used.
SVE-39		7/18/2024	08:28	-47.20	28.91	3.5	70	13.2	4.8	276	13110	8220	4890	
SVE-39		8/27/2024	12:31	-16.36	31.23	6.5	OVR	13.4	5.0	295	13830	10530	3300	
SVE-39		9/18/2024	12:06	-19.52	31.18	4.9	98	13.8	4.9	176	11289	10201	1088	
SVE-39		10/22/2024	12:48	-31.70	30.68	3.7	75	4.9	13.9	111	12675	11452	1223	
SVE-39		11/20/2024	12:44	-39.20	29.31	5.2	OVR	4.8	13.9	256	13307	12517	790	
SVE-39		12/18/2024	14:23	-48.60	28.48	4.0	80	4.7	14.3	223	11884	10038	1846	
SVE-39		1/28/2025	13:50	-33.50	28.65	2.2	44	4.2	14.9	77.5	10575	9206	1369	
SVE-39		2/26/2025	13:08	-26.35	30.22	4.3	86	4.7	14.3	197	16082	12841	3241	
SVE-39		3/19/2025	12:51	-51.30	26.23	3.2	64	4.5	14.2	179	11672	10379	1293	
SVE-40	409-419 (25-35)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		7/17/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		3/20/2025	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)	4/24/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/28/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		7/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		1/30/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/20/2025	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)	4/23/2024	08:54	0.00	34.80	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		5/29/2024	12:12	0.00	34.81	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		6/19/2024	14:19	0.00	34.85	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		7/17/2024	14:24	0.00	34.92	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		8/27/2024	13:08	0.00	34.86	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		9/18/2024	13:22	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		10/23/2024	00:00	NM	34.84	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		11/21/2024	00:00	NM	34.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		12/17/2024	10:09	0.00	34.71	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		1/29/2025	08:59	0.00	34.75	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		2/26/2025	13:24	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		3/19/2025	13:03	0.00	34.75	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-43	407.12-417.12 (25-35)	4/23/2024	09:03	2.98	34.82	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/29/2024	12:01	4.14	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/19/2024	14:25	-1.77	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		7/17/2024	14:32	-0.99	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/27/2024	13:24	-0.16	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/18/2024	13:19	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		10/23/2024	00:00	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		11/21/2024	00:00	NM	34.84	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		12/17/2024	10:15	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		1/29/2025	08:43	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/26/2025	14:34	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/19/2025	13:08	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)	4/23/2024	09:09	-0.18	34.85	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/29/2024	11:52	-0.32	34.53	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/19/2024	14:30	-0.03	34.43	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		7/17/2024	14:39	-0.15	34.44	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/27/2024	13:39	0.00	34.43	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/18/2024	13:13	0.00	34.48	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		10/23/2024	00:00	NM	34.54	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/21/2024	00:00	NM	34.53	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		12/17/2024	10:20	-0.28	34.59	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		1/29/2025	08:43	0.00	34.77	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/26/2025	12:42	-0.12	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/19/2025	13:14	0.00	34.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	400.58-405.58 (37-42)	4/23/2024	08:43	-23.62	40.14	66.9	OVR	4.5	14.2	885	59620	39630	19990	
SVE-45		5/14/2024	12:23	-10.17	NM	OVR	OVR	9.2	5.0	462	165000	102000	63000	
SVE-45		5/29/2024	08:25	-8.80	41.34	OVR	OVR	9.3	4.7	813	119000	66510	52490	
SVE-45		6/19/2024	13:46	-3.91	41.39	OVR	OVR	8.6	6.7	935	83340	44020	39320	
SVE-45		7/18/2024	08:01	-9.18	41.41	OVR	OVR	5.7	9.5	908	111580	58940	52640	
SVE-45		8/27/2024	13:58	-14.65	41.21	60.3	OVR	10.6	7.1	887	50580	26240	24340	
SVE-45		9/18/2024	12:32	-17.50	41.35	82.3	OVR	10.1	7.2	796	46970	38350	8620	
SVE-45		10/22/2024	13:23	-24.70	41.38	82.1	OVR	8.3	8.5	845	77330	44120	33210	
SVE-45		11/20/2024	13:16	-33.65	41.21	63.8	OVR	6.5	11.3	927	68860	38530	30330	
SVE-45		12/19/2024	08:21	-38.00	41.12	65.8	OVR	6.4	12.1	881	54220	30850	23370	
SVE-45		1/29/2025	08:34	-28.30	41.15	79.2	OVR	7.4	9.8	670	65170	42550	22620	
SVE-45		2/26/2025	12:35	-25.61	41.22	79.1	OVR	7.3	9.7	807	65780	37350	28430	
SVE-45		3/19/2025	13:25	-36.86	40.89	82.1	OVR	6.2	11.5	673	60310	36330	23980	
SVE-46	417.85-427.85 (15-25)	4/23/2024	09:32	-0.35	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/29/2024	11:40	-0.36	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/19/2024	14:14	-0.07	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		7/17/2024	14:45	-0.37	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/27/2024	14:28	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/18/2024	13:08	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/23/2024	00:00	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/21/2024	00:00	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/17/2024	10:25	-0.33	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		1/29/2025	08:22	-0.50	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/26/2025	13:39	-0.15	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/19/2025	13:56	0.00	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-47	419.01-429.01 (15-25)	4/23/2024	09:18	-21.62	21.82	0.0	0	0.9	20.2	26.3	163	7.4	156	
SVE-47		5/14/2024	12:30	-24.77	NM	0.0	1	1.1	19.6	29.8	212	5.2	207	
SVE-47		5/29/2024	08:36	-23.67	21.55	0.0	0	0.9	20.0	15.2	95.3	4.8	90.5	
SVE-47		6/19/2024	14:05	-10.19	21.47	0.0	0	1.1	19.6	11.5	72.3	8.7	63.6	
SVE-47		7/18/2024	08:13	-31.75	19.93	0.0	0	19.8	1.1	7.6	44.1	3.8	40.3	
SVE-47		8/27/2024	14:18	-14.54	20.60	0.0	0	19.8	1.1	3.8	24.1	4.5	19.6	
SVE-47		9/18/2024	13:00	-16.95	20.65	0.0	0	20.1	1.1	3.2	26.8	4.5	22.3	
SVE-47		10/22/2024	14:00	-22.90	20.84	0.0	0	1.2	19.9	1.9	16.8	0.0	16.8	
SVE-47		11/20/2024	13:23	-25.83	20.59	0.0	0	0.8	20.0	3.7	25.1	1.5	23.6	
SVE-47		12/19/2024	08:47	-27.16	20.41	0.0	0	0.7	20.2	3.3	20.9	0.2	20.7	
SVE-47		1/29/2025	08:14	-22.60	22.24	0.0	0	0.6	20.3	1.4	8.1	2.6	5.5	
SVE-47		2/26/2025	13:31	-20.95	NE	0.0	0	0.5	20.4	2.6	15.9	1.6	14.3	
SVE-47		3/19/2025	13:47	-25.60	24.57	0.0	0	0.5	20.4	4.2	22.2	2.0	20.2	

Notes:

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

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-1-5	4/24/2024	09:35	-0.50	-0.29	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-1-5	5/29/2024	14:33	0.00	-0.30	0.0	0	0.3	19.9	0.0	0.0	0.0	0.0	
VMP-1-5	6/20/2024	12:05	-0.58	-0.24	0.0	0	0.2	20.2	0.0	0.0	0.0	0.0	
VMP-1-5	7/18/2024	13:26	NM	NM	0.0	0	0.5	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-5	7/18/2024	13:26	-0.49	-0.24	0.0	0	0.5	19.8	0.0	0.0	0.0	0.0	
VMP-1-5	8/27/2024	10:25	-0.14	0.00	0.0	0	0.3	20.1	0.0	0.7	0.7	0.0	
VMP-1-5	9/19/2024	13:50	0.00	0.00	0.0	0	0.1	20.4	0.0	12.1	10.2	1.9	
VMP-1-5	10/23/2024	09:31	-0.34	-0.29	0.0	0	0.1	20.5	0.0	3.4	2.9	0.5	
VMP-1-5	11/20/2024	11:35	-0.33	-0.24	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-5	12/18/2024	12:05	-0.55	-0.55	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-1-5	1/29/2025	11:23	NM	NM	0.0	0	0.0	20.8	0.0	4.3	4.3	0.0	Duplicate sample.
VMP-1-5	1/29/2025	11:23	-0.47	-0.15	0.0	0	0.0	20.8	0.0	4.4	4.4	0.0	
VMP-1-5	2/27/2025	09:02	0.00	-0.30	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-1-5	3/20/2025	11:21	-0.68	-0.38	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-8.5	4/24/2024	09:36	-0.25	-0.39	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-1-8.5	5/29/2024	14:34	-10.51	-0.55	0.0	0	0.2	20.2	0.0	0.0	0.0	0.0	
VMP-1-8.5	6/20/2024	12:06	-1.56	-0.31	0.0	0	0.1	20.4	3.5	0.0	0.0	0.0	
VMP-1-8.5	7/18/2024	13:27	-1.57	-0.24	0.0	0	0.2	20.3	0.0	0.0	0.0	0.0	
VMP-1-8.5	8/27/2024	10:26	-0.86	-0.11	0.0	0	0.3	19.3	0.0	22.5	22.5	0.0	
VMP-1-8.5	9/19/2024	13:51	0.00	-0.10	0.0	0	0.1	20.5	0.0	9.4	7.8	1.6	
VMP-1-8.5	10/23/2024	09:32	-0.32	-0.37	0.0	0	0.0	20.6	0.0	0.0	0.0	0.0	
VMP-1-8.5	11/20/2024	11:36	-0.32	-0.23	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	12/18/2024	12:06	-0.25	-0.56	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	1/29/2025	11:23	-0.77	-0.25	0.0	0	0.0	20.7	0.0	5.6	5.6	0.0	
VMP-1-8.5	2/27/2025	09:03	-0.27	-0.24	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-8.5	2/27/2025	09:03	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	3/20/2025	11:22	-0.68	-0.23	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-23.5	4/24/2024	09:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	5/30/2024	14:35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	6/20/2024	12:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	7/18/2024	13:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	8/27/2024	10:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	9/19/2024	13:52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	10/23/2024	09:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	11/20/2024	11:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	12/18/2024	12:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	1/29/2025	11:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	2/27/2025	09:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-1-23.5	3/20/2025	11:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-1-38.5	4/24/2024	09:38	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-1-38.5	5/29/2024	14:35	-2.68	-0.38	0.0	0	0.2	20.5	2.2	0.0	0.0	0.0	
VMP-1-38.5	6/20/2024	12:08	-0.41	-0.56	0.0	0	0.1	20.4	3.6	0.0	0.0	0.0	
VMP-1-38.5	6/20/2024	12:08	NM	NM	0.0	0	0.1	20.4	4.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-38.5	7/18/2024	13:28	-1.28	-0.17	0.0	0	0.5	19.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	8/27/2024	10:28	-0.16	-0.14	0.0	0	0.3	19.8	0.0	12.8	12.8	0.0	
VMP-1-38.5	9/19/2024	13:53	0.00	-0.15	0.0	0	0.2	20.5	0.0	5.8	4.8	1.0	
VMP-1-38.5	10/23/2024	09:33	-0.36	-0.35	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-1-38.5	11/20/2024	11:38	0.12	-0.32	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-1-38.5	12/18/2024	12:08	-0.13	-0.70	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-1-38.5	1/29/2025	11:23	-0.34	-0.29	0.0	0	0.1	20.7	0.0	4.0	4.0	0.0	
VMP-1-38.5	2/27/2025	09:04	-0.26	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-38.5	3/20/2025	11:24	-0.50	-0.68	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	4/24/2024	09:25	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-2-5	5/29/2024	13:55	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-2-5	6/20/2024	12:25	0.00	-0.10	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-2-5	7/18/2024	14:07	0.00	0.00	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-2-5	8/27/2024	09:55	0.00	0.00	0.0	0	1.9	18.9	0.0	0.0	0.0	0.0	
VMP-2-5	9/19/2024	13:46	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-2-5	10/23/2024	08:59	-0.12	0.00	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-2-5	11/20/2024	12:50	-0.38	-0.28	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-2-5	12/18/2024	13:15	-0.12	-0.13	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-2-5	1/29/2025	12:41	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-2-5	2/27/2025	10:36	-0.14	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-2-5	3/20/2025	12:08	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	4/24/2024	09:26	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/29/2024	13:56	-0.19	-0.14	0.0	0	0.2	20.8	0.0	0.2	0.2	0.0	
VMP-2-8.5	6/20/2024	12:26	-0.10	-0.23	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-2-8.5	7/19/2024	11:55	-0.23	-0.22	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-2-8.5	8/27/2024	09:56	-0.14	0.00	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-2-8.5	9/19/2024	13:47	-0.21	-0.21	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	10/23/2024	09:00	-0.50	-0.43	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-2-8.5	11/20/2024	12:51	-0.38	-0.41	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	12/18/2024	13:16	-0.53	-0.57	0.0	0	0.2	20.6	0.2	9.4	8.8	0.6	
VMP-2-8.5	1/29/2025	12:41	-0.29	-0.27	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-2-8.5	2/27/2025	10:37	-0.37	-0.37	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-2-8.5	3/20/2025	12:10	-0.56	-0.52	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-2-22	4/24/2024	09:27	0.00	-2.36	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-2-22	5/29/2024	13:57	-2.28	-2.17	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-2-22	6/20/2024	12:27	-2.17	-2.18	0.0	0	1.0	19.7	2.7	35.7	11.3	24.4	
VMP-2-22	7/18/2024	14:09	-2.36	-2.29	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-2-22	8/27/2024	09:57	-0.86	-0.88	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-2-22	9/19/2024	13:48	-0.94	-0.94	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-2-22	10/23/2024	09:01	-2.25	-2.60	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-2-22	11/20/2024	12:52	-2.04	-2.10	0.0	0	0.9	20.5	0.0	0.0	0.0	0.0	
VMP-2-22	12/18/2024	13:17	-2.53	-2.57	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	1/29/2025	12:41	-1.56	-1.87	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-2-22	2/27/2025	10:38	-1.64	-1.86	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-2-22	3/20/2025	12:11	-2.41	-2.14	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-2-42	4/24/2024	09:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/29/2024	13:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/20/2024	12:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/18/2024	14:10	0.00	0.00	1.9	38	0.3	20.3	57.9	11294	11294	0.0	
VMP-2-42	8/27/2024	09:58	-0.66	-0.58	OVR	OVR	10.9	0.5	145	500000	500000	0.0	FID flame-out occurred on THC and methane scrubber.
VMP-2-42	9/19/2024	13:49	-0.63	-0.19	OVR	OVR	10.4	0.8	107	500000	500000	0.0	FID flame-out occurred on THC and methane scrubber.
VMP-2-42	10/23/2024	09:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-2-42	11/20/2024	12:53	-0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-2-42	12/18/2024	13:18	-0.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-2-42	1/29/2025	12:41	-1.01	-1.55	88.3	OVR	9.8	1.8	120	1000000	943900	56100	THC and methane exceeded instrument range and are estimated.
VMP-2-42	2/27/2025	10:39	-0.69	-0.88	88.6	OVR	10.7	0.7	130	940650	930480	10170	THC and methane exceeded instrument range and are estimated.
VMP-2-42	3/20/2025	12:11	-2.41	-2.14	88.1	OVR	10.8	1.0	218	893390	893390	0.0	THC and methane exceeded instrument range and are estimated.
VMP-3-5	4/24/2024	08:37	0.00	0.00	0.0	0	0.2	20.1	0.0	0.0	0.0	0.0	
VMP-3-5	5/29/2024	12:20	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-3-5	6/20/2024	11:00	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-3-5	7/19/2024	09:22	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-5	8/27/2024	08:45	0.00	0.00	0.0	0	2.7	18.6	0.0	0.0	0.0	0.0	
VMP-3-5	9/19/2024	12:40	0.00	0.00	0.0	0	2.2	19.2	0.0	0.0	0.0	0.0	
VMP-3-5	10/22/2024	13:26	0.00	0.00	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-3-5	11/20/2024	13:35	0.00	-0.09	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-3-5	12/19/2024	09:18	-0.39	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-3-5	1/29/2025	13:50	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-3-5	2/27/2025	11:45	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-3-5	3/20/2025	13:38	0.00	-0.16	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-3-10	4/24/2024	08:38	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	5/29/2024	12:21	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-3-10	6/20/2024	11:01	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-3-10	7/19/2024	09:23	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	8/27/2024	08:46	0.00	0.00	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	
VMP-3-10	9/19/2024	12:41	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-3-10	10/22/2024	13:27	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-3-10	11/20/2024	13:36	-2.08	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-3-10	12/19/2024	09:19	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-3-10	1/29/2025	13:50	0.00	-0.34	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-3-10	2/27/2025	11:46	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-3-10	3/20/2025	13:39	-0.13	0.00	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-3-22	4/24/2024	08:39	-0.18	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-3-22	5/29/2024	12:22	-0.43	-0.36	0.0	0	1.5	19.0	0.0	0.0	0.0	0.0	
VMP-3-22	6/20/2024	11:02	-0.34	-0.29	0.0	0	2.2	18.7	0.0	0.0	0.0	0.0	
VMP-3-22	7/19/2024	09:24	-0.34	-0.34	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-3-22	8/27/2024	08:47	-0.17	-0.17	0.0	0	2.8	18.9	0.0	0.0	0.0	0.0	
VMP-3-22	9/19/2024	12:42	-0.15	-0.16	0.0	0	2.8	18.8	0.0	0.0	0.0	0.0	
VMP-3-22	10/22/2024	13:28	-0.17	-0.17	0.0	0	2.7	18.2	0.0	0.0	0.0	0.0	
VMP-3-22	11/20/2024	13:37	-0.88	-0.42	0.0	0	2.1	19.6	0.0	0.0	0.0	0.0	
VMP-3-22	12/19/2024	09:20	0.00	-0.33	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-3-22	1/29/2025	13:50	-0.31	-0.27	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-3-22	2/27/2025	11:47	-0.37	-0.28	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-3-22	3/20/2025	13:40	-0.47	-0.38	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-3-31.5	4/24/2024	08:40	-0.47	-1.22	0.0	0	2.3	18.4	0.0	0.0	0.0	0.0	
VMP-3-31.5	5/29/2024	12:23	-1.17	-1.01	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-3-31.5	5/29/2024	12:23	NM	NM	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-3-31.5	6/20/2024	11:03	-1.21	-1.20	0.0	0	2.2	18.4	0.0	0.0	0.0	0.0	
VMP-3-31.5	7/19/2024	09:25	-1.05	-0.98	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-3-31.5	8/27/2024	08:48	-0.71	-0.86	0.0	0	1.5	19.4	0.0	1.9	1.9	0.0	
VMP-3-31.5	9/19/2024	12:43	-0.61	-0.58	0.0	0	2.2	18.2	0.0	0.0	0.0	0.0	
VMP-3-31.5	10/22/2024	13:29	-0.63	-0.71	0.0	0	2.9	17.0	0.0	0.0	0.0	0.0	
VMP-3-31.5	10/22/2024	13:29	NM	NM	0.0	0	2.9	17.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-3-31.5	11/20/2024	13:38	-1.08	-1.23	0.0	0	2.5	18.7	0.0	0.0	0.0	0.0	
VMP-3-31.5	12/19/2024	09:21	0.00	-1.06	0.0	0	1.8	18.9	0.0	0.0	0.0	0.0	
VMP-3-31.5	1/29/2025	13:50	-1.02	0.99	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-3-31.5	2/27/2025	11:48	-0.99	-0.70	0.0	0	1.5	19.3	0.0	0.0	0.0	0.0	
VMP-3-31.5	3/20/2025	13:41	-1.40	-1.30	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-3-39	4/24/2024	08:41	-0.79	0.00	6.7	OVR	11.9	2.5	365	12170	6470	5700	
VMP-3-39	5/29/2024	12:24	-1.35	-0.92	0.0	0	6.8	11.6	1.7	69.2	63.0	6.2	
VMP-3-39	6/20/2024	11:09	-1.58	-1.59	0.2	4	7.8	10.2	36.4	517	149	368	
VMP-3-39	7/19/2024	09:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	8/27/2024	08:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	9/19/2024	12:44	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	10/22/2024	13:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	11/20/2024	13:39	-1.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	12/19/2024	09:22	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	1/29/2025	13:50	-1.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	2/27/2025	11:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-3-39	3/20/2025	13:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled because screen was within the capillary fringe.
VMP-4-5	4/23/2024	10:40	-0.48	-0.51	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	4/23/2024	10:40	NM	NM	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-5	5/29/2024	09:05	-0.56	-0.54	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-5	6/20/2024	09:10	-0.18	-0.43	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	7/18/2024	12:40	-0.49	-0.51	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	8/27/2024	08:00	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	9/19/2024	10:30	-0.09	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	10/22/2024	08:13	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	11/20/2024	12:05	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	12/18/2024	12:45	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	1/30/2025	11:36	-0.74	-0.60	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	2/27/2025	13:11	0.00	-0.37	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	3/20/2025	13:45	0.00	-0.54	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	4/23/2024	10:41	-1.88	-1.92	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	5/29/2024	09:06	-2.14	-2.11	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	6/20/2024	09:11	-0.85	-1.97	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-4-12	7/18/2024	12:41	-2.07	-2.07	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-4-12	8/27/2024	08:01	-1.12	-1.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	9/19/2024	10:31	-0.16	-1.16	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	10/22/2024	08:14	-0.68	-0.71	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	11/20/2024	12:06	-1.94	-1.95	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	12/18/2024	12:46	-2.12	-2.11	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	1/30/2025	11:37	0.00	-0.17	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	2/27/2025	13:12	-1.57	-1.58	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	3/20/2025	13:46	0.00	-2.04	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-4-23.5	4/23/2024	10:42	-1.44	-1.48	0.0	0	2.7	18.6	0.0	0.0	0.0	0.0	
VMP-4-23.5	5/29/2024	09:07	-2.28	-2.14	0.0	0	2.3	18.1	0.0	0.0	0.0	0.0	
VMP-4-23.5	5/29/2024	09:07	NM	NM	0.0	0	2.3	18.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-23.5	6/20/2024	09:12	-0.86	0.00	0.0	0	2.9	16.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	6/20/2024	09:12	NM	NM	0.0	0	3.0	16.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-23.5	7/18/2024	12:42	-2.16	-2.02	0.0	0	2.6	17.7	0.0	0.0	0.0	0.0	
VMP-4-23.5	8/27/2024	08:02	-1.25	-1.05	0.0	0	3.2	17.2	0.0	0.0	0.0	0.0	
VMP-4-23.5	9/19/2024	10:32	-1.16	-1.02	0.0	0	3.3	17.3	0.0	0.0	0.0	0.0	
VMP-4-23.5	10/22/2024	08:15	-0.56	-0.60	0.0	0	3.9	16.2	0.0	0.0	0.0	0.0	
VMP-4-23.5	11/20/2024	12:07	-1.13	-1.08	0.0	0	3.3	17.7	0.0	0.0	0.0	0.0	
VMP-4-23.5	12/18/2024	12:47	-1.12	-1.16	0.0	0	3.2	17.8	0.0	0.0	0.0	0.0	
VMP-4-23.5	1/30/2025	11:38	0.00	-0.17	0.0	0	3.7	17.2	0.0	0.0	0.0	0.0	
VMP-4-23.5	2/27/2025	13:13	-0.92	-0.87	0.0	0	3.2	17.6	0.0	0.0	0.0	0.0	
VMP-4-23.5	3/20/2025	13:47	0.00	-0.93	0.0	0	3.2	17.6	0.0	0.0	0.0	0.0	
VMP-4-39	4/23/2024	10:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/29/2024	09:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/20/2024	09:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/18/2024	12:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/27/2024	08:03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/19/2024	10:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/22/2024	08:16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/20/2024	12:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/18/2024	12:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/30/2025	11:39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/27/2025	13:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/20/2025	13:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	4/23/2024	09:07	-0.12	0.28	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-5-5	5/28/2024	14:09	-0.10	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-5-5	6/20/2024	08:35	0.26	0.35	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-5-5	7/18/2024	12:00	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-5-5	8/26/2024	13:50	0.00	0.00	0.0	0	1.5	19.3	0.0	0.0	0.0	0.0	
VMP-5-5	9/19/2024	09:01	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-5-5	9/19/2024	09:01	NM	NM	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-5	10/21/2024	12:14	-0.24	0.32	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-5-5	11/20/2024	11:30	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-5-5	12/18/2024	11:05	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	1/29/2025	14:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-5-5	2/26/2025	13:54	0.00	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	3/20/2025	12:13	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-5-12.5	4/23/2024	09:08	-0.21	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	5/28/2024	14:10	-0.16	0.00	0.0	0	1.3	19.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-5-12.5	6/20/2024	08:36	0.29	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	7/18/2024	12:01	-0.10	0.00	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	8/26/2024	13:51	0.00	0.00	0.0	0	2.5	18.6	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/19/2024	09:02	0.00	0.00	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-5-12.5	10/21/2024	12:15	0.00	0.00	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	11/20/2024	11:31	0.00	0.00	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-5-12.5	12/18/2024	11:06	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-5-12.5	1/29/2025	14:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-5-12.5	2/26/2025	13:55	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-5-12.5	3/20/2025	12:14	-0.17	-0.13	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-5-31	4/23/2024	09:09	-0.33	-0.61	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-5-31	4/23/2024	09:09	NM	NM	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-31	5/28/2024	14:11	0.00	-0.27	0.0	0	1.9	18.4	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-5-31	6/20/2024	08:37	-0.28	-0.20	0.0	0	2.1	18.4	0.0	0.0	0.0	0.0	
VMP-5-31	7/18/2024	12:02	-0.60	0.00	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-5-31	8/26/2024	13:52	0.00	0.00	0.0	0	2.8	17.9	0.0	0.0	0.0	0.0	
VMP-5-31	9/19/2024	09:03	-0.35	-0.25	0.0	0	2.9	18.0	0.0	0.0	0.0	0.0	
VMP-5-31	10/21/2024	12:16	0.00	0.00	0.0	0	3.0	17.6	0.0	0.0	0.0	0.0	
VMP-5-31	11/20/2024	11:32	-0.24	0.00	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-5-31	12/18/2024	11:07	-0.54	-0.22	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-5-31	1/29/2025	14:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-5-31	2/26/2025	13:56	0.00	-0.10	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-5-31	3/20/2025	12:15	-0.73	-0.61	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	
VMP-5-40	4/23/2024	09:10	-0.17	-0.18	0.0	0	1.6	19.4	0.2	1.3	0.6	0.7	
VMP-5-40	5/28/2024	14:12	-0.12	-0.26	0.0	0	0.9	19.6	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-5-40	6/20/2024	08:38	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-5-40	7/18/2024	12:03	NM	NM	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	7/18/2024	12:03	-0.60	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-40	8/26/2024	13:53	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-40	9/19/2024	09:04	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-40	10/21/2024	12:17	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-5-40	11/20/2024	11:33	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-40	12/18/2024	11:08	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-5-40	1/29/2025	14:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-5-40	2/26/2025	13:57	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-5-40	3/20/2025	12:16	-0.75	-0.60	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-6-5	4/23/2024	08:17	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-6-5	5/28/2024	13:27	0.00	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-6-5	6/20/2024	08:10	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-6-5	7/17/2024	14:15	0.00	0.00	0.0	0	1.8	18.9	0.0	0.0	0.0	0.0	
VMP-6-5	8/26/2024	12:20	0.00	0.00	0.0	0	3.8	17.0	0.0	0.0	0.0	0.0	
VMP-6-5	9/19/2024	08:40	0.00	0.00	0.0	0	1.5	20.0	0.0	0.0	0.0	0.0	
VMP-6-5	10/21/2024	10:21	0.00	0.00	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-6-5	11/20/2024	10:45	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-6-5	12/18/2024	10:15	0.00	0.00	0.0	0	0.3	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	1/29/2025	12:30	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-6-5	2/26/2025	13:02	0.00	0.00	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
VMP-6-5	3/20/2025	11:00	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-6-10	4/23/2024	08:18	0.00	0.00	0.0	0	0.8	19.3	0.0	0.0	0.0	0.0	
VMP-6-10	5/28/2024	13:28	0.00	-0.09	0.0	0	1.6	18.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-6-10	6/20/2024	08:11	0.00	0.00	0.0	0	2.5	18.0	0.0	0.0	0.0	0.0	
VMP-6-10	7/17/2024	14:16	0.00	0.00	0.0	0	3.5	16.8	0.0	0.0	0.0	0.0	
VMP-6-10	8/26/2024	12:21	0.00	0.00	0.0	0	4.3	15.8	0.0	0.0	0.0	0.0	
VMP-6-10	9/19/2024	08:41	0.00	0.00	0.0	0	3.8	17.6	0.0	0.0	0.0	0.0	
VMP-6-10	10/21/2024	10:22	0.00	0.00	0.0	0	3.7	17.4	0.0	0.0	0.0	0.0	
VMP-6-10	11/20/2024	10:46	0.00	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-6-10	11/20/2024	10:46	NM	NM	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-10	12/18/2024	10:16	-0.16	-0.11	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-6-10	1/29/2025	12:31	-0.19	0.00	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-6-10	2/26/2025	13:03	0.14	0.00	0.0	0	2.9	17.5	0.0	0.0	0.0	0.0	
VMP-6-10	3/20/2025	11:01	-0.22	-0.25	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-6-31.5	4/24/2024	14:05	-0.15	0.00	0.0	0	4.0	16.6	0.0	0.0	0.0	0.0	
VMP-6-31.5	5/28/2024	13:29	0.00	-0.10	0.0	0	3.9	15.5	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-6-31.5	6/20/2024	08:12	-0.16	0.00	0.0	0	4.3	14.6	0.0	0.0	0.0	0.0	
VMP-6-31.5	7/17/2024	14:17	0.00	-0.10	0.0	0	4.7	14.4	0.0	0.0	0.0	0.0	
VMP-6-31.5	8/26/2024	12:22	0.00	0.00	0.0	0	4.2	15.5	0.0	0.0	0.0	0.0	
VMP-6-31.5	9/19/2024	08:42	-0.14	0.00	0.0	0	5.7	13.3	0.0	0.0	0.0	0.0	
VMP-6-31.5	10/21/2024	10:23	0.00	0.47	0.0	0	5.8	13.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	11/20/2024	10:47	0.00	0.00	0.0	0	5.9	13.7	0.0	0.0	0.0	0.0	
VMP-6-31.5	12/18/2024	10:17	0.00	-0.13	0.0	0	5.7	14.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	1/29/2025	12:32	0.00	0.00	0.0	0	5.7	14.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	2/26/2025	13:04	0.26	0.00	0.0	0	6.0	13.9	0.0	0.0	0.0	0.0	
VMP-6-31.5	3/20/2025	11:02	-0.39	-0.28	0.0	0	5.1	15.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-6-39	4/23/2024	08:20	-0.15	0.39	0.0	0	5.0	15.8	0.0	0.0	0.0	0.0	
VMP-6-39	5/28/2024	13:30	0.00	-0.12	0.0	0	4.8	14.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-6-39	5/28/2024	13:30	NM	NM	0.0	0	4.8	14.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	6/20/2024	08:13	-0.16	0.00	0.0	0	5.1	13.5	0.0	0.0	0.0	0.0	
VMP-6-39	7/17/2024	14:18	0.00	-0.10	0.0	0	5.4	13.0	0.0	0.0	0.0	0.0	
VMP-6-39	8/26/2024	12:23	0.00	0.00	0.0	0	5.6	13.0	0.0	0.0	0.0	0.0	
VMP-6-39	9/19/2024	08:43	-0.13	0.00	0.0	0	6.3	12.2	0.0	0.0	0.0	0.0	
VMP-6-39	10/21/2024	10:24	0.11	0.10	0.0	0	6.8	12.3	0.0	0.0	0.0	0.0	
VMP-6-39	11/20/2024	10:48	0.00	0.10	0.0	0	6.9	12.1	0.0	0.0	0.0	0.0	
VMP-6-39	12/18/2024	10:18	-0.41	0.00	0.0	0	7.1	12.2	0.0	0.0	0.0	0.0	
VMP-6-39	1/29/2025	12:33	0.00	0.00	0.0	0	6.9	12.5	0.0	0.0	0.0	0.0	
VMP-6-39	2/26/2025	13:05	NM	NM	0.0	0	7.2	12.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	2/26/2025	13:05	0.33	0.00	0.0	0	7.3	12.4	0.0	0.0	0.0	0.0	
VMP-6-39	3/20/2025	11:03	-0.45	-0.20	0.0	0	6.6	12.8	0.0	0.0	0.0	0.0	
VMP-7-5	4/22/2024	13:05	-3.42	0.26	0.0	0	0.4	20.1	0.0	0.0	0.0	0.0	
VMP-7-5	5/28/2024	11:37	-1.22	0.00	0.0	0	1.1	19.4	1.2	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-7-5	5/29/2024	08:40	-1.05	NM	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-7-5	6/19/2024	13:15	-0.68	0.00	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-7-5	7/17/2024	13:45	-2.55	0.00	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-7-5	8/26/2024	11:20	0.00	0.00	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-7-5	9/19/2024	08:07	0.00	0.00	0.0	0	2.0	19.4	0.0	0.0	0.0	0.0	
VMP-7-5	9/19/2024	08:07	NM	NM	0.0	0	2.0	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	10/21/2024	09:56	0.00	0.00	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
VMP-7-5	11/20/2024	09:45	-0.74	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-7-5	12/18/2024	09:32	0.00	-0.33	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-7-5	1/29/2025	12:05	0.00	0.00	0.0	0	0.6	20.1	0.0	2.7	2.0	0.7	
VMP-7-5	2/26/2025	12:30	0.00	0.00	0.0	0	0.5	20.4	0.0	3.4	2.6	0.8	
VMP-7-5	3/19/2025	13:40	-0.14	-0.12	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-7-13.5	4/22/2024	13:06	-0.88	0.37	0.0	0	0.9	19.4	0.0	0.0	0.0	0.0	
VMP-7-13.5	5/28/2024	11:38	-1.19	0.00	0.0	0	0.8	19.6	3.2	6.8	6.0	0.8	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-7-13.5	5/29/2024	08:41	-0.33	NM	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-7-13.5	5/29/2024	08:41	NM	NM	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-13.5	6/19/2024	13:16	-0.94	-0.45	0.0	0	1.3	19.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	6/19/2024	13:16	NM	NM	0.0	0	1.3	19.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-13.5	7/17/2024	13:46	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-7-13.5	8/26/2024	11:21	0.00	0.00	0.0	0	2.1	18.3	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/19/2024	08:08	0.00	0.00	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-7-13.5	10/21/2024	09:57	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	11/20/2024	09:46	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-7-13.5	12/18/2024	09:33	-0.14	-0.12	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-7-13.5	12/18/2024	09:33	NM	NM	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-13.5	1/29/2025	12:06	-0.65	0.00	0.0	0	0.6	20.1	0.0	1.5	1.2	0.3	
VMP-7-13.5	2/26/2025	12:31	0.34	0.00	0.0	0	0.7	20.2	0.0	2.3	1.7	0.6	
VMP-7-13.5	3/20/2025	10:41	0.14	-0.17	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-7-29.5	4/22/2024	13:07	-13.58	0.00	0.0	0	3.4	17.2	0.0	0.0	0.0	0.0	
VMP-7-29.5	5/28/2024	11:40	NM	NM	0.0	0	3.5	16.3	3.9	2.7	2.2	0.5	Duplicate sample.
VMP-7-29.5	5/28/2024	11:40	-1.94	0.00	0.0	0	3.5	16.3	3.9	3.5	3.0	0.5	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-7-29.5	5/29/2024	08:42	-10.18	NM	0.0	0	3.1	17.1	0.5	0.0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-7-29.5	6/19/2024	13:17	-18.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-29.5	7/17/2024	13:47	-1.12	-0.10	0.0	0	2.2	18.1	0.0	0.0	0.0	0.0	
VMP-7-29.5	7/17/2024	13:47	NM	NM	0.0	0	2.0	18.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	8/26/2024	11:22	0.00	0.00	0.0	0	2.2	18.2	0.0	0.0	0.0	0.0	
VMP-7-29.5	9/19/2024	08:09	0.00	0.00	0.0	0	3.6	16.6	0.0	0.0	0.0	0.0	
VMP-7-29.5	10/21/2024	09:58	-0.58	-1.21	0.0	0	4.1	16.7	0.0	0.0	0.0	0.0	
VMP-7-29.5	11/20/2024	09:47	-0.58	0.00	0.0	0	4.4	16.3	0.0	0.0	0.0	0.0	
VMP-7-29.5	12/18/2024	09:34	-0.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-29.5	1/29/2025	12:07	-1.80	0.24	0.0	0	3.0	17.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	2/26/2025	12:32	-1.34	0.00	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-7-29.5	3/20/2025	10:42	1.20	0.00	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-7-38	4/22/2024	13:08	-0.16	0.18	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-7-38	5/29/2024	08:43	-0.10	0.00	0.0	0	3.0	17.2	0.5	0.0	0.0	0.0	Re-sampled due to ambient air in initial sample.
VMP-7-38	6/19/2024	13:18	0.00	0.00	0.0	0	3.3	16.5	5.7	0.0	0.0	0.0	
VMP-7-38	7/17/2024	13:48	-0.79	0.00	0.0	0	3.3	17.1	0.0	0.0	0.0	0.0	
VMP-7-38	8/26/2024	11:23	0.00	0.00	0.0	0	3.4	16.7	0.0	0.0	0.0	0.0	
VMP-7-38	9/19/2024	08:10	0.00	0.00	0.0	0	3.5	17.0	0.0	0.0	0.0	0.0	
VMP-7-38	10/21/2024	09:59	0.00	0.00	0.0	0	3.3	17.7	0.0	0.0	0.0	0.0	
VMP-7-38	10/21/2024	09:59	NM	NM	0.0	0	3.2	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	11/20/2024	09:48	0.00	0.00	0.0	0	3.4	17.4	0.0	0.0	0.0	0.0	
VMP-7-38	12/18/2024	09:35	-0.28	-0.16	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-7-38	1/29/2025	12:08	0.10	0.00	0.0	0	2.8	17.8	0.0	1.5	1.5	0.0	
VMP-7-38	2/26/2025	12:33	-0.63	0.14	0.0	0	3.1	17.9	0.0	2.5	2.0	0.5	
VMP-7-38	3/20/2025	10:43	0.32	-0.18	0.0	0	2.6	18.5	0.0	0.0	0.0	0.0	
VMP-9-5	4/22/2024	12:20	0.00	0.09	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-9-5	5/28/2024	11:23	0.00	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-9-5	6/19/2024	11:05	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	7/17/2024	12:15	0.00	-0.12	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	8/26/2024	10:26	0.00	0.00	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-9-5	9/18/2024	13:10	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	10/21/2024	09:19	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-9-5	11/20/2024	08:40	-0.20	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-9-5	11/20/2024	08:40	NM	NM	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-5	12/18/2024	09:02	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-9-5	1/29/2025	11:43	0.00	0.00	0.0	0	0.5	20.3	0.0	11.8	10.3	1.5	
VMP-9-5	2/26/2025	11:08	0.00	0.00	0.0	0	0.2	20.7	0.0	2.1	1.7	0.4	
VMP-9-5	3/19/2025	11:40	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-9-11.5	4/22/2024	12:21	0.14	0.16	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-9-11.5	5/28/2024	11:24	0.00	0.00	0.0	0	2.2	18.4	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-9-11.5	6/19/2024	11:06	-0.18	-0.26	0.0	0	2.6	19.2	0.0	0.0	0.0	0.0	
VMP-9-11.5	7/17/2024	12:16	NM	NM	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-11.5	7/17/2024	12:16	-0.18	-0.30	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-9-11.5	8/26/2024	10:26	0.00	0.00	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/18/2024	13:11	-0.12	-0.10	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	10/21/2024	09:20	-0.21	-0.17	0.0	0	0.9	20.4	0.0	0.0	0.0	0.0	
VMP-9-11.5	11/20/2024	08:41	-0.22	-0.12	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	12/18/2024	09:03	-0.20	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-9-11.5	1/29/2025	11:44	-0.10	0.00	0.0	0	0.5	20.3	0.0	1.9	1.0	0.9	
VMP-9-11.5	2/26/2025	11:09	-0.14	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	3/19/2025	11:40	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-25.5	4/22/2024	12:22	0.20	0.30	0.0	0	2.6	17.7	0.0	0.0	0.0	0.0	
VMP-9-25.5	5/28/2024	11:25	0.00	0.00	0.0	0	2.7	17.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-9-25.5	6/19/2024	11:07	-0.42	-0.52	0.0	0	3.0	16.9	0.0	0.0	0.0	0.0	
VMP-9-25.5	7/17/2024	12:17	-0.48	-0.57	0.0	0	2.6	18.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	8/26/2024	10:27	0.00	0.00	0.0	0	1.9	18.9	0.0	0.0	0.0	0.0	
VMP-9-25.5	9/18/2024	13:14	-0.24	-0.30	0.0	0	2.5	18.7	0.0	0.0	0.0	0.0	
VMP-9-25.5	10/21/2024	09:21	-0.42	-0.31	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-9-25.5	11/20/2024	08:42	-0.36	-0.28	0.0	0	1.9	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	12/18/2024	09:04	-0.43	-0.46	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	1/29/2025	11:45	-0.22	-0.12	0.0	0	1.5	19.1	0.0	0.0	0.0	0.0	
VMP-9-25.5	2/26/2025	11:10	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	3/19/2025	11:40	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-9-38.5	4/22/2024	12:23	0.54	0.27	0.0	0	6.4	12.6	0.0	0.0	0.0	0.0	
VMP-9-38.5	4/22/2024	12:23	NM	NM	0.0	0	6.4	12.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-38.5	5/28/2024	11:26	0.00	0.00	0.0	0	6.3	11.9	1.4	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-9-38.5	6/19/2024	11:08	-0.43	-0.52	0.0	0	5.0	13.9	1.5	0.0	0.0	0.0	
VMP-9-38.5	7/17/2024	12:18	-0.49	-0.58	0.0	0	4.0	16.8	1.4	0.0	0.0	0.0	
VMP-9-38.5	8/26/2024	10:28	0.00	0.00	0.0	0	4.1	15.8	0.0	0.0	0.0	0.0	
VMP-9-38.5	9/18/2024	13:15	-0.12	0.00	0.0	0	3.4	17.3	0.0	0.0	0.0	0.0	
VMP-9-38.5	10/21/2024	09:22	-0.65	0.00	0.0	0	2.9	18.5	0.0	0.0	0.0	0.0	
VMP-9-38.5	11/20/2024	08:43	-0.51	-0.25	0.0	0	3.3	17.3	0.0	0.0	0.0	0.0	
VMP-9-38.5	12/18/2024	09:05	-0.41	-0.40	0.0	0	3.4	17.0	0.0	0.0	0.0	0.0	
VMP-9-38.5	1/29/2025	11:46	-0.27	-0.16	0.0	0	3.4	16.3	0.0	0.0	0.0	0.0	
VMP-9-38.5	2/26/2025	11:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	3/19/2025	11:40	-0.14	0.00	0.0	0	2.8	17.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-10-5	4/22/2024	10:10	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-10-5	5/28/2024	09:07	0.00	0.00	0.0	0	2.0	18.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-10-5	6/19/2024	09:10	-0.34	-0.37	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-5	7/18/2024	08:15	-0.81	-0.60	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-10-5	8/26/2024	08:40	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-10-5	9/18/2024	11:15	-0.18	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	10/22/2024	12:17	-0.20	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	11/21/2024	11:36	-0.29	-0.31	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	12/19/2024	10:56	0.00	-0.28	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-5	1/28/2025	13:15	-0.17	-0.18	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	2/26/2025	09:30	-0.29	-0.28	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	3/19/2025	10:06	-0.35	-0.34	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	4/22/2024	10:11	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-10-10	5/28/2024	09:08	0.00	0.00	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-10-10	5/28/2024	09:08	NM	NM	0.0	0	1.4	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-10	6/19/2024	09:11	-0.47	-0.50	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	7/18/2024	08:16	-0.96	-0.72	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	8/26/2024	08:41	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	9/18/2024	11:16	-0.29	-0.40	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	10/22/2024	12:18	-0.26	-0.23	0.0	0	0.7	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	11/21/2024	11:37	-0.20	-0.36	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	12/19/2024	10:57	-0.16	-0.29	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-10-10	1/28/2025	13:16	-0.20	-0.27	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-10	2/26/2025	09:31	-0.34	-0.35	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	3/19/2025	10:06	-0.37	-0.41	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-20	4/22/2024	10:12	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-10-20	5/28/2024	09:09	0.00	0.00	0.0	0	1.3	18.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-10-20	6/19/2024	09:12	-0.76	-0.82	0.0	0	0.2	20.8	0.0	13.1	11.8	1.3	
VMP-10-20	7/18/2024	08:17	-1.27	-1.04	0.0	0	0.2	20.7	0.0	40.4	40.4	0.0	
VMP-10-20	8/26/2024	08:42	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	9/18/2024	11:17	-0.70	-0.70	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	10/22/2024	12:19	-0.51	-0.40	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	11/21/2024	11:38	-0.52	-0.54	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-20	12/19/2024	10:58	-0.48	-0.41	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-10-20	12/19/2024	10:58	NM	NM	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	1/28/2025	13:17	-0.32	-0.30	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-20	2/26/2025	09:32	-0.54	-0.55	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-10-20	3/19/2025	10:06	-0.56	-0.68	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-10-30	4/22/2024	10:13	0.00	0.00	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-10-30	5/28/2024	09:10	0.00	0.00	0.0	0	2.0	18.3	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-10-30	6/19/2024	09:13	-0.93	-1.02	0.0	0	1.9	19.0	0.0	2.7	2.4	0.3	
VMP-10-30	7/18/2024	08:18	-1.43	-1.21	0.0	0	0.7	20.4	0.0	2.5	2.5	0.0	
VMP-10-30	8/26/2024	08:43	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-10-30	9/18/2024	11:18	-0.85	-0.85	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-10-30	10/22/2024	12:20	-0.56	-0.52	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-10-30	11/21/2024	11:39	-0.58	-0.62	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-10-30	12/19/2024	10:59	-0.56	-0.50	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-10-30	1/28/2025	13:18	-0.35	-0.34	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-10-30	2/26/2025	09:33	-0.62	-0.65	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-30	2/26/2025	09:33	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	3/19/2025	10:06	-0.48	-0.72	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-11-5	4/22/2024	10:50	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-11-5	5/28/2024	10:05	0.00	0.00	0.0	0	3.5	16.5	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-11-5	6/19/2024	09:30	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-11-5	7/18/2024	08:50	0.00	-0.12	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	8/26/2024	09:10	0.00	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-11-5	9/18/2024	10:53	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	9/18/2024	10:53	NM	NM	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-11-5	10/22/2024	12:07	-0.09	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	11/21/2024	11:51	-0.12	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	12/19/2024	12:12	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-11-5	1/30/2025	11:10	-1.06	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	2/26/2025	10:25	-0.10	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	3/19/2025	09:50	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-11-8	4/22/2024	10:51	0.00	0.00	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-11-8	5/28/2024	10:06	0.00	0.00	0.0	0	3.6	16.3	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-11-8	6/19/2024	09:31	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-11-8	7/18/2024	08:51	-0.29	-0.14	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-11-8	8/26/2024	09:11	-0.41	0.00	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	
VMP-11-8	9/18/2024	10:53	-0.17	-0.12	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-11-8	10/22/2024	12:08	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-11-8	11/21/2024	11:52	-0.15	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-11-8	12/19/2024	12:13	0.00	-0.31	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-11-8	1/30/2025	11:11	-0.54	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-11-8	2/26/2025	10:26	0.13	-0.10	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-11-8	3/19/2025	09:50	-0.16	-0.12	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-11-29	4/22/2024	10:52	0.00	0.00	0.0	0	2.4	18.2	0.0	0.0	0.0	0.0	
VMP-11-29	5/28/2024	10:07	0.00	0.00	0.0	0	2.9	17.0	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-11-29	6/19/2024	09:32	-0.11	-2.63	0.0	0	1.4	20.1	0.0	0.0	0.0	0.0	
VMP-11-29	7/18/2024	08:52	-2.22	-2.36	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-11-29	7/18/2024	08:52	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-11-29	8/26/2024	09:12	0.18	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-11-29	9/18/2024	10:54	-3.38	-3.32	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-11-29	10/22/2024	12:09	-0.84	-1.17	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-11-29	11/21/2024	11:53	-1.47	-1.38	0.0	0	0.5	20.5	0.0	2.5	2.4	0.1	
VMP-11-29	12/19/2024	12:14	-2.37	-1.00	0.0	0	0.8	20.1	0.1	19.3	19.3	0.0	
VMP-11-29	1/30/2025	11:12	-0.64	-0.20	0.0	0	0.6	20.2	0.0	65.9	65.9	0.0	
VMP-11-29	2/26/2025	10:27	-0.49	-0.78	0.0	0	0.6	20.3	0.0	52.6	50.8	1.8	
VMP-11-29	3/19/2025	09:50	-2.45	-1.45	0.0	0	0.8	20.1	0.0	68.3	67.3	1.0	
VMP-11-38	4/22/2024	10:53	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	5/28/2024	10:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	6/19/2024	09:33	0.97	0.59	0.0	0	0.2	20.6	0.0	3.6	3.0	0.6	
VMP-11-38	7/18/2024	08:53	8.90	-0.52	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-11-38	8/26/2024	09:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	9/18/2024	10:55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	10/22/2024	12:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	11/21/2024	11:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	12/19/2024	12:15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	1/30/2025	11:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	2/26/2025	10:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	3/19/2025	09:50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-5	4/23/2024	08:45	-0.30	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	5/29/2024	10:46	-0.36	-0.35	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	
VMP-12-5	6/19/2024	12:40	-0.96	-0.85	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	7/18/2024	08:08	-1.62	-1.42	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	8/26/2024	13:06	0.09	0.13	0.0	0	0.0	20.6	0.0	0.0	0.0	0.0	
VMP-12-5	9/18/2024	11:35	-0.81	-0.74	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	10/21/2024	12:50	-1.17	-1.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	11/21/2024	08:35	-0.90	-0.85	0.0	0	0.0	20.9	31.3	105	6.2	98.8	
VMP-12-5	12/19/2024	12:17	0.21	0.36	0.0	0	0.1	20.7	13.6	33.5	2.2	31.3	
VMP-12-5	1/29/2025	08:00	-0.66	0.00	0.0	0	0.1	20.8	20.5	46.2	4.7	41.5	
VMP-12-5	2/26/2025	08:42	-0.24	-0.45	0.0	0	0.1	20.9	7.8	18.5	2.9	15.6	
VMP-12-5	3/19/2025	08:20	-0.42	-0.26	0.0	0	0.1	20.9	0.6	2.5	1.8	0.7	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-12-11.5	4/23/2024	08:46	-0.37	-0.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	5/29/2024	10:41	-0.22	0.00	0.0	0	0.5	20.5	1.6	61.3	53.0	8.3	
VMP-12-11.5	6/19/2024	12:41	-1.39	-1.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	7/18/2024	08:09	-2.08	-1.89	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	8/26/2024	13:07	0.18	0.18	0.0	0	0.6	19.2	0.0	0.0	0.0	0.0	
VMP-12-11.5	9/18/2024	11:36	-1.53	-1.34	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	10/21/2024	12:51	-1.91	-1.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	11/21/2024	08:36	-1.15	-1.09	0.0	0	0.0	20.9	18.1	73.5	4.4	69.1	
VMP-12-11.5	12/19/2024	12:16	0.23	0.35	0.0	0	2.7	15.2	12.7	26.5	0.0	26.5	
VMP-12-11.5	1/28/2025	09:11	-0.52	-0.43	0.0	0	0.1	20.9	39.3	92.6	2.6	90.0	
VMP-12-11.5	2/26/2025	08:43	-0.52	-0.65	0.0	0	0.1	20.9	6.7	17.4	1.7	15.7	
VMP-12-11.5	3/19/2025	08:21	-0.20	-0.47	0.0	0	0.1	20.9	0.6	2.0	1.3	0.7	
VMP-12-25	4/23/2024	08:47	-0.52	-0.49	0.0	0	7.7	9.2	0.5	0.0	0.0	0.0	
VMP-12-25	5/29/2024	10:42	-0.56	-0.67	0.5	10	11.9	2.2	83.6	3470	2720	750	
VMP-12-25	6/19/2024	12:42	-1.76	-1.66	0.1	6	6.7	11.8	0.0	0.0	0.0	0.0	
VMP-12-25	7/18/2024	08:10	-2.43	-2.24	0.0	0	5.4	14.3	0.0	0.0	0.0	0.0	
VMP-12-25	8/26/2024	13:08	0.21	0.21	0.0	0	8.1	9.8	0.3	0.0	0.0	0.0	
VMP-12-25	9/18/2024	11:37	-2.12	-1.89	0.0	0	1.4	20.0	0.0	0.0	0.0	0.0	
VMP-12-25	10/21/2024	12:52	-2.53	-2.43	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-12-25	11/21/2024	08:37	-1.36	-1.31	0.3	7	5.3	14.7	137	13256	234	13022	
VMP-12-25	12/19/2024	12:17	0.21	0.36	3.8	76	15.4	0.3	222	20680	20680	0.0	
VMP-12-25	1/28/2025	09:12	1.30	-0.65	0.0	0	10.9	7.0	51.2	51.0	0.0	51.0	
VMP-12-25	2/26/2025	08:44	4.19	-0.90	0.0	0	8.0	10.3	9.8	22.0	0.0	22.0	
VMP-12-25	3/19/2025	08:22	-0.72	-0.70	0.0	0	5.9	12.4	0.5	0.0	0.0	0.0	
VMP-12-39	4/23/2024	08:48	-0.56	-0.52	OVR	OVR	12.3	3.9	506	322000	253000	69000	
VMP-12-39	5/29/2024	10:43	-8.23	-0.78	OVR	OVR	14.6	0.2	64.2	510000	302000	208000	
VMP-12-39	6/19/2024	12:43	-1.83	-1.74	OVR	OVR	13.2	1.4	169	334280	254710	79570	
VMP-12-39	7/18/2024	08:11	-2.52	-2.31	20.5	OVR	12.5	1.2	261	111150	101320	9830	
VMP-12-39	8/26/2024	13:09	0.21	-0.57	20.1	OVR	13.2	1.5	448	105930	76810	29120	
VMP-12-39	9/18/2024	11:38	-2.17	-1.94	4.4	88	13.2	1.6	189	26740	25890	850	
VMP-12-39	10/21/2024	12:53	-2.52	-2.40	0.0	0	11.1	5.1	1.0	27.0	27.0	0.0	
VMP-12-39	11/21/2024	08:38	-1.47	-1.36	73.8	OVR	16.8	1.4	252	335490	265650	69840	
VMP-12-39	12/19/2024	12:18	-0.44	0.00	83.0	OVR	16.7	0.4	404	192380	143730	48650	
VMP-12-39	1/28/2025	09:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	2/26/2025	08:45	-8.69	0.00	32.5	OVR	7.5	11.5	775	79850	63110	16740	
VMP-12-39	3/19/2025	08:23	-0.95	-0.77	67.7	OVR	15.4	0.8	305	130180	117700	12480	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-13-5	4/22/2024	10:00	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-13-5	5/28/2024	08:25	0.00	0.00	0.0	0	0.3	19.6	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-13-5	6/19/2024	08:40	-0.10	-0.85	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-5	11/21/2024	10:31	-0.12	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	12/19/2024	11:53	0.00	0.00	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-13-5	1/29/2025	08:56	-0.09	-0.12	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-13-5	2/26/2025	09:04	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-5	3/19/2025	08:45	-0.26	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-13-10.5	4/22/2024	10:01	-0.09	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-10.5	5/28/2024	08:26	0.00	0.00	0.0	0	0.2	20.0	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-13-10.5	6/19/2024	08:41	-0.72	-4.55	0.0	0	0.2	20.7	0.0	2.6	2.3	0.3	
VMP-13-10.5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-10.5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-10.5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-10.5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-10.5	11/21/2024	10:32	-0.45	-0.41	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-13-10.5	12/19/2024	11:54	0.00	0.00	0.0	0	0.2	20.1	0.0	4.6	4.3	0.3	
VMP-13-10.5	1/29/2025	08:57	0.00	-0.26	0.0	0	0.2	19.6	0.3	25.8	25.8	0.0	
VMP-13-10.5	2/26/2025	09:05	-0.22	-0.15	0.0	0	0.2	20.4	0.0	4.1	3.6	0.5	
VMP-13-10.5	3/19/2025	08:45	-0.11	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	4/22/2024	10:02	-0.11	-0.12	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	4/22/2024	10:02	NM	NM	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	5/28/2024	08:27	0.00	0.00	0.0	0	0.4	20.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-13-21.5	6/19/2024	08:42	-1.34	-5.84	0.0	0	0.2	20.7	0.0	4.0	3.4	0.6	
VMP-13-21.5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-21.5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-21.5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-21.5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-21.5	11/21/2024	10:33	-0.56	-0.51	0.0	0	0.9	19.9	0.2	45.3	43.3	2.0	
VMP-13-21.5	12/19/2024	11:55	0.00	0.00	0.0	0	1.5	18.3	0.2	213	210	3	
VMP-13-21.5	1/29/2025	08:58	-0.25	-0.26	0.0	0	1.8	17.2	0.7	385	374	11.0	
VMP-13-21.5	1/29/2025	08:58	NM	NM	0.0	0	1.8	17.3	0.7	402	384	18.0	Duplicate sample.
VMP-13-21.5	2/26/2025	09:06	-0.21	-0.18	0.0	0	1.6	17.9	0.3	160	158	2.0	
VMP-13-21.5	3/19/2025	08:45	-0.15	0.00	0.0	0	1.5	18.2	0.4	78.1	77.1	1.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-13-29.5	4/22/2024	10:03	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-29.5	5/28/2024	08:28	0.00	0.00	0.0	0	0.2	19.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-13-29.5	6/19/2024	08:43	-0.26	-1.33	0.0	0	0.3	20.8	0.0	4.5	4.0	0.5	
VMP-13-29.5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-29.5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-29.5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-29.5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-13-29.5	11/21/2024	10:33	-0.27	-0.18	0.0	0	0.9	19.8	0.4	139	137	2.0	
VMP-13-29.5	12/19/2024	11:56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	1/29/2025	08:59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	2/26/2025	09:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	3/19/2025	08:45	NM	NM	0.0	0	0.9	19.5	0.7	187	180	7.0	Duplicate sample.
VMP-13-29.5	3/19/2025	08:45	0.17	0.13	0.0	0	1.0	19.4	0.7	190	178	12.0	
VMP-14-5	4/22/2024	09:50	0.00	0.00	0.0	0	0.7	20.7	0.0	0.0	0.0	0.0	
VMP-14-5	5/28/2024	08:08	0.00	0.00	0.0	0	3.3	16.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-14-5	6/19/2024	08:30	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-14-5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-5	11/21/2024	10:15	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-14-5	12/19/2024	11:20	0.00	0.00	0.0	0	0.6	19.1	0.0	0.0	0.0	0.0	
VMP-14-5	1/29/2025	09:10	0.00	0.00	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-14-5	2/26/2025	08:45	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-14-5	3/19/2025	09:10	0.00	0.00	0.0	0	0.8	20.0	0.0	0.3	0.3	0.0	
VMP-14-5	3/19/2025	09:10	NM	NM	0.0	0	0.8	20.1	0.0	0.4	0.4	0.0	Duplicate sample.
VMP-14-11.5	4/22/2024	09:51	0.00	0.00	0.0	0	0.7	20.7	0.0	0.0	0.0	0.0	
VMP-14-11.5	5/28/2024	08:09	-0.10	0.00	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-14-11.5	6/19/2024	08:31	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-14-11.5	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-11.5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-11.5	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-11.5	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-11.5	11/21/2024	10:16	-1.11	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-14-11.5	12/19/2024	11:21	0.00	0.00	0.0	0	0.4	19.8	0.0	0.0	0.0	0.0	
VMP-14-11.5	1/29/2025	09:11	-0.27	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-14-11.5	2/26/2025	08:46	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-14-11.5	3/19/2025	09:10	0.00	0.00	0.0	0	0.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-14-20	4/22/2024	09:52	-0.19	-0.17	0.0	0	4.6	15.5	0.0	0.0	0.0	0.0	
VMP-14-20	5/28/2024	08:10	-0.09	0.00	0.0	0	6.0	12.0	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-14-20	6/19/2024	08:32	0.14	-3.60	0.0	0	3.8	17.5	0.0	26.2	25.3	0.9	
VMP-14-20	7/19/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-20	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-20	9/18/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-20	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-20	11/21/2024	10:17	-0.21	-0.41	0.0	0	5.7	13.3	0.3	52.5	52.5	0.0	
VMP-14-20	12/19/2024	11:22	0.00	0.00	0.0	0	13.0	4.8	1.1	385	385	0.0	
VMP-14-20	1/29/2025	09:12	0.00	-0.20	0.1	2	13.1	4.9	1.3	963	822	141	
VMP-14-20	2/26/2025	08:47	0.00	0.00	0.0	0	11.2	7.1	0.6	528	441	87.0	
VMP-14-20	3/19/2025	09:10	0.00	0.00	0.0	0	9.8	9.1	0.5	35.0	19.0	16.0	
VMP-14-29	4/22/2024	09:53	-0.18	-0.15	0.0	0	2.8	17.8	0.0	0.0	0.0	0.0	
VMP-14-29	5/28/2024	08:11	-0.10	0.00	0.0	0	4.0	14.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-14-29	6/19/2024	08:33	-0.11	-3.79	0.0	0	5.5	16.1	0.0	0.0	0.0	0.0	
VMP-14-29	7/24/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-29	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-29	9/20/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-29	10/22/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-14-29	11/21/2024	10:18	-0.42	-0.44	0.2	4	8.2	12.1	1.7	1182	1182	0.0	
VMP-14-29	12/19/2024	11:23	0.00	0.00	0.1	2	7.4	11.2	0.9	854	796	58	
VMP-14-29	1/29/2025	09:13	-0.28	-0.24	0.1	2	11.1	7.4	26.7	413	303	110	
VMP-14-29	2/26/2025	08:48	-0.13	0.00	0.1	2	12.4	4.6	10.8	693	539	154	
VMP-14-29	3/19/2025	09:10	-0.11	0.00	0.0	0	7.3	9.9	1.2	25.0	0.0	25.0	
VMP-17-5	4/22/2024	10:40	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-17-5	5/28/2024	09:58	0.00	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-17-5	6/19/2024	09:45	-0.26	-0.25	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-17-5	7/19/2024	10:09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-17-5	8/28/2024	08:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to SEE system operations.
VMP-17-5	9/18/2024	10:37	-0.27	-0.27	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-17-5	10/22/2024	12:03	-0.16	-0.14	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-17-5	11/21/2024	12:00	-0.29	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	12/19/2024	12:20	-0.17	-0.17	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	1/28/2025	13:50	-0.10	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-17-5	2/26/2025	10:34	-0.23	-0.20	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	2/26/2025	10:34	NM	NM	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	3/19/2025	09:35	-0.17	-0.22	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	3/19/2025	09:35	NM	NM	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-18-8.5	4/22/2024	12:05	0.00	0.10	0.0	0	2.3	18.7	0.0	0.0	0.0	0.0	
VMP-18-8.5	5/28/2024	09:45	0.00	0.00	0.0	0	2.9	17.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-18-8.5	6/19/2024	10:50	-0.32	0.00	0.0	0	1.5	20.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	6/19/2024	10:50	NM	NM	0.0	0	1.5	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	7/17/2024	12:05	-0.43	-0.45	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	8/26/2024	09:30	0.00	0.00	0.0	0	1.1	20.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/18/2024	12:58	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/18/2024	12:58	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	10/22/2024	09:45	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	11/20/2024	08:18	-0.09	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	12/18/2024	08:23	-0.15	-0.13	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-18-8.5	1/29/2025	09:52	-0.17	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-18-8.5	2/26/2025	10:52	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	3/19/2025	11:26	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-19-5	4/22/2024	12:10	0.00	0.09	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-19-5	5/28/2024	09:51	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-19-5	6/19/2024	10:55	-0.16	-0.13	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-19-5	7/19/2024	10:15	-0.10	-0.15	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-19-5	8/26/2024	09:35	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	9/19/2024	10:21	-0.12	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	10/22/2024	10:10	-0.13	-0.10	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-19-5	11/20/2024	08:28	-0.25	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	12/18/2024	08:15	0.00	-0.17	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-19-5	1/29/2025	09:56	-0.09	-0.11	0.0	0	0.1	20.8	0.0	0.4	0.4	0.0	
VMP-19-5	2/26/2025	10:58	-0.12	0.00	0.0	0	0.1	20.8	0.0	2.6	2.3	0.3	
VMP-19-5	3/19/2025	11:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	4/24/2024	12:32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-5	5/29/2024	10:30	0.00	0.00	0.0	0	2.3	17.8	0.0	0.0	0.0	0.0	
VMP-32-5	6/20/2024	10:25	0.00	0.00	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-32-5	7/19/2024	08:30	0.00	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-32-5	8/27/2024	12:12	0.00	0.00	0.0	0	4.6	16.2	0.0	0.0	0.0	0.0	
VMP-32-5	9/20/2024	08:40	0.00	0.00	0.0	0	4.2	17.2	0.0	0.0	0.0	0.0	
VMP-32-5	10/21/2024	13:26	-2.18	0.00	0.0	0	4.5	16.3	0.0	0.0	0.0	0.0	
VMP-32-5	11/21/2024	08:15	-0.46	-0.09	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-32-5	12/19/2024	08:37	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-32-5	1/30/2025	11:53	0.00	0.00	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	
VMP-32-5	2/27/2025	12:28	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-32-5	3/20/2025	14:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-32-10	4/24/2024	12:33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-10	5/29/2024	10:31	0.00	0.00	0.0	0	2.7	17.8	0.0	0.0	0.0	0.0	
VMP-32-10	6/20/2024	10:26	0.00	0.00	0.0	0	3.2	17.5	0.0	0.0	0.0	0.0	
VMP-32-10	7/19/2024	08:31	0.00	0.00	0.0	0	3.7	17.1	0.0	0.0	0.0	0.0	
VMP-32-10	8/27/2024	12:13	0.00	0.00	0.0	0	4.7	15.8	0.0	0.0	0.0	0.0	
VMP-32-10	9/20/2024	08:42	0.00	0.00	0.0	0	5.0	16.1	0.0	0.0	0.0	0.0	
VMP-32-10	10/21/2024	13:27	0.00	0.00	0.0	0	5.0	15.9	0.0	0.0	0.0	0.0	
VMP-32-10	11/21/2024	08:16	0.00	-0.16	0.0	0	3.8	17.6	0.0	0.0	0.0	0.0	
VMP-32-10	12/19/2024	08:38	0.00	0.00	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-32-10	1/30/2025	11:53	0.00	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-32-10	2/27/2025	12:29	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-32-10	3/20/2025	14:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-20	4/24/2024	12:34	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-20	5/29/2024	10:32	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-32-20	6/20/2024	10:27	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-32-20	7/19/2024	08:32	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-32-20	8/27/2024	12:14	0.00	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	
VMP-32-20	9/20/2024	08:42	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-32-20	10/21/2024	13:28	0.00	0.00	0.0	0	1.5	19.1	0.0	0.0	0.0	0.0	
VMP-32-20	11/21/2024	08:17	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-20	12/19/2024	08:39	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-32-20	1/30/2025	11:53	0.00	0.00	0.0	0	0.2	20.3	0.0	0.0	0.0	0.0	
VMP-32-20	2/27/2025	12:30	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	3/20/2025	14:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-30	4/24/2024	12:35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-32-30	5/29/2024	10:33	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-32-30	6/20/2024	10:28	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-32-30	7/19/2024	08:33	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-32-30	8/27/2024	12:15	0.00	0.00	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
VMP-32-30	9/20/2024	08:43	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-32-30	10/21/2024	13:29	0.00	0.00	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	
VMP-32-30	11/21/2024	08:18	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-30	12/19/2024	08:40	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-30	1/30/2025	11:53	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-32-30	2/27/2025	12:31	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-30	3/20/2025	14:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-33-10	4/22/2024	11:50	-0.22	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	5/29/2024	08:28	-0.38	-0.30	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	6/19/2024	09:55	-0.10	0.00	0.0	0	0.0	20.6	0.0	0.0	0.0	0.0	
VMP-33-10	7/18/2024	11:03	-0.36	-0.33	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-33-10	8/26/2024	09:21	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	9/19/2024	09:15	-0.21	-0.17	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-33-10	10/21/2024	09:40	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-33-10	11/21/2024	11:00	-0.35	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	12/19/2024	09:03	-0.34	-0.25	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	1/28/2025	11:20	-0.14	-0.15	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	2/26/2025	11:24	-0.26	-0.23	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	3/19/2025	10:25	-0.33	-0.32	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	4/22/2024	11:51	-2.10	-1.96	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	5/29/2024	08:29	-2.32	-2.05	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-33-20	6/19/2024	09:56	-0.47	-0.38	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-33-20	7/18/2024	11:04	-2.54	-2.15	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-33-20	8/26/2024	09:22	-0.79	-0.66	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-33-20	9/19/2024	09:16	-0.93	-0.79	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-33-20	10/21/2024	09:41	-0.49	-0.30	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-33-20	11/21/2024	11:01	-2.25	-2.06	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-33-20	12/19/2024	09:04	-2.46	-1.94	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-33-20	12/19/2024	09:04	NM	NM	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	1/28/2025	11:21	-1.28	-1.12	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	2/26/2025	11:25	-1.41	-1.30	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	3/19/2025	10:26	-2.34	-2.46	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	4/22/2024	11:52	0.00	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	5/29/2024	08:30	-0.17	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	5/29/2024	08:30	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-33-30	6/19/2024	09:57	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-33-30	7/18/2024	11:05	-0.22	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	8/26/2024	09:23	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	9/19/2024	09:17	-0.12	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-33-30	10/21/2024	09:42	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	11/21/2024	11:02	-0.23	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	12/19/2024	09:05	-0.22	-0.15	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	1/28/2025	11:22	0.00	-0.10	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	2/26/2025	11:26	-0.15	-0.11	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	3/19/2025	10:27	-0.18	-0.22	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-34-10	4/22/2024	12:10	0.15	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-34-10	5/29/2024	08:57	0.00	-0.28	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-34-10	6/19/2024	10:15	0.00	0.00	0.0	0	0.4	20.1	0.0	0.0	0.0	0.0	
VMP-34-10	7/18/2024	10:38	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-34-10	8/26/2024	09:56	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-34-10	9/19/2024	08:40	-0.25	-0.18	0.0	0	0.8	19.7	0.0	0.0	0.0	0.0	
VMP-34-10	10/21/2024	10:10	-0.33	0.00	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-34-10	11/21/2024	10:40	-0.35	-0.36	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-34-10	12/19/2024	09:37	-0.28	0.18	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-34-10	1/28/2025	10:45	0.00	-0.22	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-34-10	2/26/2025	10:47	-0.16	-0.27	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-34-10	3/19/2025	10:00	-0.11	-0.10	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-34-20	4/22/2024	12:11	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-34-20	4/22/2024	12:11	NM	NM	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	5/29/2024	08:58	-0.76	-0.86	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-34-20	6/19/2024	10:16	-0.39	-0.26	0.0	0	0.6	20.0	0.0	0.0	0.0	0.0	
VMP-34-20	7/18/2024	10:39	-0.89	-0.84	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-34-20	8/26/2024	09:57	-0.36	-0.24	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-34-20	9/19/2024	08:41	-0.64	-0.58	0.0	0	1.3	19.3	0.0	0.0	0.0	0.0	
VMP-34-20	10/21/2024	10:11	NM	NM	0.0	0	1.4	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	10/21/2024	10:11	-0.33	0.00	0.0	0	1.3	19.3	0.0	0.0	0.0	0.0	
VMP-34-20	11/21/2024	10:41	-0.98	-0.92	0.0	0	1.4	20.0	0.0	0.0	0.0	0.0	
VMP-34-20	12/19/2024	09:38	-0.55	0.20	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-34-20	1/28/2025	10:46	-0.26	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-34-20	2/26/2025	10:48	-0.34	-0.35	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-34-20	3/19/2025	10:01	-0.19	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-34-30	4/22/2024	12:12	0.00	0.00	0.0	0	3.1	17.3	0.0	0.0	0.0	0.0	
VMP-34-30	5/29/2024	08:59	-0.23	-0.90	0.0	0	2.5	17.7	0.0	0.0	0.0	0.0	
VMP-34-30	6/19/2024	10:17	-0.43	-0.34	0.0	0	2.9	16.5	0.0	0.0	0.0	0.0	
VMP-34-30	6/19/2024	10:17	NM	NM	0.0	0	2.8	16.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	7/18/2024	10:40	-0.24	-0.99	0.0	0	2.7	16.6	0.0	5.4	5.4	0.0	
VMP-34-30	8/26/2024	09:58	-0.40	-0.30	0.0	0	3.1	15.9	0.0	0.0	0.0	0.0	
VMP-34-30	9/19/2024	08:42	-0.74	-0.69	0.0	0	3.4	15.4	0.0	0.0	0.0	0.0	
VMP-34-30	10/21/2024	10:12	-0.36	0.00	0.0	0	3.6	14.7	0.0	0.0	0.0	0.0	
VMP-34-30	11/21/2024	10:42	-1.07	-0.98	0.0	0	3.9	14.4	0.0	57.8	57.8	0.0	
VMP-34-30	12/19/2024	09:39	-0.59	0.21	0.0	0	5.1	13.0	0.0	2.8	2.8	0.0	
VMP-34-30	1/28/2025	10:47	0.00	-0.10	0.0	0	5.9	12.4	0.0	0.0	0.0	0.0	
VMP-34-30	1/28/2025	10:47	NM	NM	0.0	0	5.8	12.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	2/26/2025	10:49	-0.60	-0.41	0.0	0	5.7	12.9	0.0	0.0	0.0	0.0	
VMP-34-30	3/19/2025	10:02	-0.21	-0.15	0.0	0	6.0	12.2	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-35-10	4/22/2024	12:35	-0.31	-0.39	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	5/29/2024	09:16	-1.14	-0.78	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	6/19/2024	10:41	-0.25	-0.23	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-35-10	7/18/2024	10:13	-0.60	-0.94	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/26/2024	10:20	-0.31	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	9/18/2024	13:30	-0.17	-0.18	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-35-10	10/21/2024	10:30	-0.16	-0.10	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-35-10	11/21/2024	10:30	-0.97	-0.81	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	12/19/2024	09:54	-0.64	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-35-10	1/28/2025	10:31	-0.39	-0.24	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	2/26/2025	10:02	-0.46	-0.47	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	3/19/2025	09:40	-0.31	-0.36	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	4/22/2024	12:36	-0.15	-0.27	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-35-20	5/29/2024	09:17	-0.82	-0.69	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	6/19/2024	10:42	-0.14	-0.12	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-35-20	7/18/2024	10:14	-0.73	-0.64	0.0	0	0.0	20.8	0.0	3.0	3.0	0.0	
VMP-35-20	8/26/2024	10:21	0.00	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	9/18/2024	13:31	NM	NM	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	9/18/2024	13:31	-0.09	-0.09	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-35-20	10/21/2024	10:31	-0.10	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	11/21/2024	10:31	-0.74	-0.56	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	12/19/2024	09:55	-0.46	-0.13	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-35-20	1/28/2025	10:32	-0.22	-0.13	0.0	0	0.1	20.9	0.0	0.5	0.5	0.0	
VMP-35-20	2/26/2025	10:03	-0.32	-0.31	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	3/19/2025	09:41	-0.17	-0.23	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	4/22/2024	12:37	0.00	-0.19	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-35-30	4/22/2024	12:37	NM	NM	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	5/29/2024	09:18	-0.97	-0.68	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	6/19/2024	10:43	-0.10	-0.09	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-35-30	7/18/2024	10:15	-0.64	-0.57	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	8/26/2024	10:22	-0.13	-0.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	9/18/2024	13:32	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-35-30	10/21/2024	10:32	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	11/21/2024	10:32	-0.56	-0.49	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	12/19/2024	09:56	-0.41	-0.11	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-35-30	1/28/2025	10:33	-0.20	-0.09	0.0	0	0.1	20.9	0.0	0.5	0.5	0.0	
VMP-35-30	2/26/2025	10:04	-0.28	-0.28	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	3/19/2025	09:42	-0.12	-0.17	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-36-10	4/22/2024	12:55	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-36-10	5/29/2024	09:27	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	6/19/2024	14:00	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	7/18/2024	10:00	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	8/26/2024	10:36	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	9/18/2024	13:15	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-36-10	10/21/2024	10:50	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	11/21/2024	09:40	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	12/19/2024	10:20	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	1/28/2025	10:28	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	2/26/2025	10:13	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	3/19/2025	09:50	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	4/22/2024	12:56	0.12	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-36-20	4/22/2024	12:56	NM	NM	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-36-20	5/29/2024	09:28	0.00	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	6/19/2024	14:01	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-36-20	7/18/2024	10:01	-0.18	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	7/18/2024	10:01	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-36-20	8/26/2024	10:37	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	9/18/2024	13:16	0.00	0.00	0.0	0	0.1	20.3	0.0	0.0	0.0	0.0	
VMP-36-20	10/21/2024	10:51	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	11/21/2024	09:41	-0.40	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	11/21/2024	09:41	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-36-20	12/19/2024	10:21	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-36-20	1/28/2025	10:29	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	2/26/2025	10:14	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	3/19/2025	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-30	4/22/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	5/29/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	7/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	10/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	1/28/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-36-30	3/19/2025	09:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-37-10	4/23/2024	10:00	-0.13	0.00	0.0	0	6.8	10.8	0.0	0.0	0.0	0.0	
VMP-37-10	5/29/2024	09:34	-0.12	0.00	0.0	0	1.7	18.7	0.0	0.0	0.0	0.0	
VMP-37-10	6/19/2024	13:50	0.00	0.00	0.0	0	5.7	11.2	0.0	0.0	0.0	0.0	
VMP-37-10	7/18/2024	09:15	-0.25	-0.24	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
VMP-37-10	8/26/2024	10:51	0.00	0.00	0.0	0	9.2	8.7	0.0	0.0	0.0	0.0	
VMP-37-10	9/18/2024	13:00	0.00	0.00	0.0	0	10.9	7.5	0.0	0.0	0.0	0.0	
VMP-37-10	10/21/2024	11:40	0.00	0.13	0.0	0	12.5	5.4	0.0	0.0	0.0	0.0	
VMP-37-10	11/21/2024	09:30	-0.24	-0.23	0.0	0	3.3	17.1	0.0	0.0	0.0	0.0	
VMP-37-10	12/19/2024	10:35	0.12	0.13	0.0	0	6.5	9.2	0.0	0.0	0.0	0.0	
VMP-37-10	1/29/2025	08:08	-0.33	0.00	0.0	0	5.0	14.5	0.0	0.0	0.0	0.0	
VMP-37-10	2/26/2025	09:49	0.00	0.00	0.0	0	9.1	6.1	0.0	0.0	0.0	0.0	
VMP-37-10	3/19/2025	09:21	0.00	0.00	0.0	0	11.9	2.8	0.0	0.0	0.0	0.0	
VMP-37-10	3/19/2025	09:21	NM	NM	0.0	0	11.9	2.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-20	4/23/2024	10:01	-0.17	-0.10	0.0	0	5.9	14.2	0.0	0.0	0.0	0.0	
VMP-37-20	4/23/2024	10:01	NM	NM	0.0	0	5.8	14.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-20	5/29/2024	09:35	0.00	-0.21	0.0	0	4.9	14.6	1.0	3.7	0.0	3.7	
VMP-37-20	6/19/2024	13:51	0.00	0.00	0.0	0	7.1	11.0	0.0	0.0	0.0	0.0	
VMP-37-20	7/18/2024	09:16	-0.41	-0.16	0.0	0	5.5	13.4	0.0	0.0	0.0	0.0	
VMP-37-20	8/26/2024	10:52	0.00	0.00	0.0	0	11.1	7.3	0.0	0.0	0.0	0.0	
VMP-37-20	9/18/2024	13:01	0.00	0.00	0.0	0	11.8	6.8	0.0	0.0	0.0	0.0	
VMP-37-20	10/21/2024	11:41	0.00	0.13	0.0	0	11.4	7.2	0.0	0.0	0.0	0.0	
VMP-37-20	11/21/2024	09:31	-0.41	-0.43	0.0	0	8.2	11.4	0.0	0.0	0.0	0.0	
VMP-37-20	12/19/2024	10:36	0.17	0.24	0.0	0	9.0	9.4	0.0	0.0	0.0	0.0	
VMP-37-20	1/28/2025	10:05	-0.16	0.00	0.0	0	10.1	8.1	0.0	0.0	0.0	0.0	
VMP-37-20	2/26/2025	09:50	0.00	0.00	0.0	0	8.2	10.1	0.0	0.0	0.0	0.0	
VMP-37-20	3/20/2025	09:22	0.00	0.00	0.0	0	8.8	8.8	0.0	0.0	0.0	0.0	
VMP-37-30	4/23/2024	10:02	-0.41	-0.30	0.0	0	5.9	14.3	0.0	0.0	0.0	0.0	
VMP-37-30	5/29/2024	09:36	0.00	0.00	0.0	0	6.0	12.3	0.0	0.0	0.0	0.0	
VMP-37-30	6/19/2024	13:52	0.00	0.00	0.0	0	6.7	11.1	0.0	0.0	0.0	0.0	
VMP-37-30	7/18/2024	09:17	-0.16	-1.01	0.0	0	6.0	12.1	0.0	0.0	0.0	0.0	
VMP-37-30	8/26/2024	10:53	NM	NM	0.0	0	6.5	11.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	8/26/2024	10:53	0.00	0.00	0.0	0	6.4	11.2	0.0	0.0	0.0	0.0	
VMP-37-30	9/18/2024	13:02	0.00	0.00	0.0	0	7.1	10.1	0.0	0.0	0.0	0.0	
VMP-37-30	10/21/2024	11:42	0.00	0.16	0.0	0	7.6	9.4	0.0	0.0	0.0	0.0	
VMP-37-30	11/21/2024	09:32	-0.90	-0.79	0.0	0	7.8	9.5	0.0	0.0	0.0	0.0	
VMP-37-30	12/19/2024	10:37	0.19	0.33	0.0	0	8.3	9.3	0.0	0.0	0.0	0.0	
VMP-37-30	1/28/2025	10:06	-0.25	-0.13	0.0	0	7.2	11.3	0.0	0.0	0.0	0.0	
VMP-37-30	2/26/2025	09:51	-0.48	-0.21	0.0	0	8.1	10.2	0.0	0.0	0.0	0.0	
VMP-37-30	3/19/2025	09:23	-0.11	0.00	0.0	0	8.3	9.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-38-10	4/23/2024	09:45	0.00	0.00	0.0	0	1.1	18.5	0.0	0.0	0.0	0.0	
VMP-38-10	5/29/2024	10:06	0.00	0.00	0.0	0	2.4	16.1	0.0	0.0	0.0	0.0	
VMP-38-10	5/29/2024	10:06	NM	NM	0.0	0	2.4	16.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-38-10	6/19/2024	13:40	0.00	0.00	0.0	0	3.6	15.2	0.0	0.0	0.0	0.0	
VMP-38-10	7/18/2024	09:05	-0.39	0.00	0.0	0	1.9	17.3	0.0	0.0	0.0	0.0	
VMP-38-10	8/26/2024	12:01	0.00	0.00	0.0	0	4.2	14.6	0.0	0.0	0.0	0.0	
VMP-38-10	9/18/2024	12:45	0.00	0.00	0.0	0	4.8	14.1	0.0	0.0	0.0	0.0	
VMP-38-10	10/21/2024	12:00	NM	NM	0.0	0	5.2	14.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-38-10	10/21/2024	12:00	-0.29	0.00	0.0	0	5.1	14.2	0.0	0.0	0.0	0.0	
VMP-38-10	11/21/2024	09:15	-0.21	0.00	0.0	0	4.7	14.6	0.0	0.0	0.0	0.0	
VMP-38-10	12/19/2024	10:52	-0.27	0.00	0.0	0	1.8	17.0	0.0	0.0	0.0	0.0	
VMP-38-10	1/28/2025	09:45	0.68	0.00	0.0	0	3.3	16.2	0.0	0.0	0.0	0.0	
VMP-38-10	2/26/2025	09:36	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	3/19/2025	09:10	-0.21	0.00	0.0	0	2.4	18.3	0.0	0.0	0.0	0.0	
VMP-38-20	4/23/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	5/29/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	6/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	7/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	8/26/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	9/18/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	10/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	11/21/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	12/19/2024	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	1/28/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	2/26/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-20	3/19/2025	00:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-38-27	4/23/2024	09:47	-0.09	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-38-27	5/29/2024	10:07	0.00	0.00	0.0	0	1.1	18.3	0.0	0.0	0.0	0.0	
VMP-38-27	6/19/2024	13:42	0.00	0.00	0.0	0	1.3	17.6	0.0	0.0	0.0	0.0	
VMP-38-27	7/18/2024	09:06	-0.32	-0.33	0.0	0	1.7	16.5	0.0	0.0	0.0	0.0	
VMP-38-27	8/26/2024	12:03	0.13	0.13	0.0	0	2.7	15.6	0.0	0.0	0.0	0.0	
VMP-38-27	9/18/2024	12:47	0.00	0.18	0.0	0	3.3	14.6	0.0	0.0	0.0	0.0	
VMP-38-27	10/21/2024	12:01	0.12	0.16	0.0	0	4.2	14.0	0.0	0.0	0.0	0.0	
VMP-38-27	11/21/2024	09:17	-0.40	-0.24	0.0	0	4.8	13.9	0.0	0.0	0.0	0.0	
VMP-38-27	12/19/2024	10:54	0.32	0.22	0.0	0	4.6	15.0	0.0	0.0	0.0	0.0	
VMP-38-27	1/28/2025	09:46	0.13	0.00	0.0	0	4.2	15.9	0.0	0.0	0.0	0.0	
VMP-38-27	1/28/2025	09:46	NM	NM	0.0	0	4.2	15.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-38-27	2/26/2025	09:37	0.00	0.00	0.0	0	3.6	16.8	0.0	0.0	0.0	0.0	
VMP-38-27	3/19/2025	09:12	10.19	0.16	0.0	0	3.6	17.0	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-39-10	4/23/2024	09:30	0.00	0.00	0.0	0	1.3	19.2	0.0	0.0	0.0	0.0	
VMP-39-10	5/29/2024	10:17	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-10	6/19/2024	13:30	0.09	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-39-10	7/18/2024	08:42	-0.36	-0.17	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	8/26/2024	12:19	0.00	0.00	0.0	0	3.3	15.9	0.0	0.0	0.0	0.0	
VMP-39-10	9/18/2024	12:20	0.00	0.00	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-39-10	10/21/2024	12:10	0.00	0.00	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-39-10	11/21/2024	09:05	-0.22	-0.12	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-10	12/19/2024	11:40	0.20	0.30	0.0	0	1.0	19.1	0.0	0.0	0.0	0.0	
VMP-39-10	1/28/2025	09:35	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-39-10	2/26/2025	10:30	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-39-10	3/19/2025	09:00	0.00	0.00	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-39-20	4/23/2024	09:31	0.00	0.00	0.0	0	1.2	19.5	0.0	0.0	0.0	0.0	
VMP-39-20	5/29/2024	10:18	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	6/19/2024	13:31	0.10	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-39-20	7/18/2024	08:43	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	8/26/2024	12:20	0.00	0.00	0.0	0	3.0	15.3	0.0	0.0	0.0	0.0	
VMP-39-20	9/18/2024	12:22	0.00	0.00	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-39-20	10/21/2024	12:11	0.00	0.00	0.0	0	0.1	20.4	0.0	0.0	0.0	0.0	
VMP-39-20	11/21/2024	09:06	-0.12	0.00	0.0	0	0.0	20.9	0.0	4.2	4.0	0.2	
VMP-39-20	12/19/2024	11:41	0.09	0.17	0.0	0	1.0	18.9	0.0	0.0	0.0	0.0	
VMP-39-20	1/28/2025	09:36	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-39-20	2/26/2025	10:31	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-39-20	3/19/2025	09:01	-0.36	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-39-30	4/23/2024	09:32	0.00	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	
VMP-39-30	5/29/2024	10:19	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	6/19/2024	13:32	0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	7/18/2024	08:44	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	7/18/2024	08:44	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-30	8/26/2024	12:21	0.00	0.00	0.0	0	2.9	15.4	0.0	0.0	0.0	0.0	
VMP-39-30	9/18/2024	12:22	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-39-30	9/18/2024	12:22	NM	NM	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-30	10/21/2024	12:12	0.00	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-39-30	11/21/2024	09:07	-0.56	-0.41	0.0	0	0.0	20.9	0.0	0.2	0.0	0.2	
VMP-39-30	12/19/2024	11:42	-0.22	0.12	0.0	0	1.1	18.9	0.0	0.0	0.0	0.0	
VMP-39-30	1/28/2025	09:37	-0.20	0.00	0.0	0	0.3	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	2/26/2025	10:32	0.00	0.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	3/19/2025	09:02	0.00	0.00	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-41-10	4/22/2024	10:20	0.00	-0.12	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-41-10	5/28/2024	09:25	0.00	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-41-10	6/19/2024	09:00	-0.32	-0.33	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	7/18/2024	08:30	-0.85	-0.66	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-41-10	8/26/2024	08:55	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-41-10	9/18/2024	11:26	-0.25	-0.29	0.0	0	0.8	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	10/22/2024	12:28	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-41-10	11/21/2024	11:23	-0.23	-0.18	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	12/19/2024	10:39	0.00	-0.09	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-41-10	1/28/2025	13:30	-0.13	-0.09	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-41-10	2/26/2025	10:00	-0.17	-0.19	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-41-10	3/19/2025	10:20	-0.18	-0.22	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	4/22/2024	10:21	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-41-20	5/28/2024	09:26	-0.09	-0.17	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-41-20	6/19/2024	09:01	-0.44	-0.57	0.0	0	0.4	20.9	0.0	0.0	0.0	0.0	
VMP-41-20	7/18/2024	08:31	-0.98	-0.79	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-41-20	8/26/2024	08:56	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-41-20	9/18/2024	11:27	-0.41	-0.47	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	10/22/2024	12:29	-0.12	-0.10	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	11/21/2024	11:24	-0.31	-0.23	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	11/21/2024	11:24	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-20	12/19/2024	10:40	-0.11	-0.12	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-41-20	1/28/2025	13:31	-0.14	-0.11	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	2/26/2025	10:01	-0.21	-0.23	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-20	3/19/2025	10:20	-0.19	-0.24	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-26	4/22/2024	10:22	0.00	0.00	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-41-26	5/28/2024	09:27	0.00	0.00	0.0	0	1.6	18.7	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-41-26	6/19/2024	09:02	-0.50	-0.65	0.0	0	1.0	20.6	0.0	0.0	0.0	0.0	
VMP-41-26	7/18/2024	08:32	-1.04	-0.86	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-41-26	7/18/2024	08:32	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	8/26/2024	08:57	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-41-26	8/26/2024	08:57	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	9/18/2024	11:28	-0.47	-0.52	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-26	10/22/2024	12:30	-0.62	-0.18	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-41-26	11/21/2024	11:25	-0.33	-0.22	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-26	12/19/2024	10:41	-0.14	-0.14	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-41-26	1/28/2025	13:32	-0.15	-0.16	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-41-26	1/28/2025	13:32	NM	NM	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	2/26/2025	10:02	-0.24	-0.26	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-41-26	3/19/2025	10:20	-0.22	-0.25	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-42-10	4/24/2024	09:13	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-42-10	5/29/2024	13:30	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-42-10	6/20/2024	11:30	0.00	0.00	0.0	0	0.9	20.0	6.5	4.1	0.0	4.1	
VMP-42-10	7/19/2024	11:19	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-42-10	8/27/2024	09:15	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-42-10	8/27/2024	09:15	NM	NM	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-10	9/20/2024	13:32	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-42-10	10/23/2024	08:34	-0.19	-0.14	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-42-10	11/20/2024	13:20	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-42-10	12/18/2024	14:05	-0.17	-0.17	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-42-10	1/29/2025	13:32	0.31	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-42-10	2/27/2025	10:50	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-42-10	3/20/2025	13:05	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-42-20	4/24/2024	09:14	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-42-20	5/29/2024	13:31	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-42-20	6/20/2024	11:31	-0.30	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-42-20	7/19/2024	11:20	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-42-20	8/27/2024	09:16	-0.30	0.00	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-42-20	9/19/2024	13:33	0.00	0.00	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-42-20	10/23/2024	08:35	-0.19	-0.15	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-42-20	11/20/2024	13:21	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-42-20	12/18/2024	14:06	-0.14	-0.21	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-42-20	1/29/2025	13:32	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-42-20	2/27/2025	10:51	-0.12	0.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-42-20	3/20/2025	13:06	-0.10	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-42-30	4/24/2024	09:15	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-42-30	5/29/2024	13:32	-0.39	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-42-30	6/20/2024	11:32	-0.29	-0.27	0.0	0	1.6	18.9	0.0	0.0	0.0	0.0	
VMP-42-30	7/19/2024	11:21	-0.33	-0.12	0.0	0	1.9	19.1	0.0	0.0	0.0	0.0	
VMP-42-30	8/27/2024	09:17	0.00	0.00	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
VMP-42-30	9/19/2024	13:34	0.00	-0.10	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-42-30	10/23/2024	08:36	-0.28	-0.20	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-42-30	11/20/2024	13:22	0.00	0.00	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-42-30	12/18/2024	14:07	-0.16	-0.25	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-42-30	1/29/2025	13:32	0.00	0.00	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-42-30	2/27/2025	10:52	NM	NM	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	2/27/2025	10:52	-0.12	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-42-30	3/20/2025	13:07	-0.17	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-43-10	4/23/2024	11:25	-1.11	-1.06	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-43-10	5/29/2024	11:05	-1.31	-1.23	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-43-10	6/20/2024	11:05	-0.99	-1.06	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-43-10	7/18/2024	14:05	-1.24	-1.22	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-43-10	8/27/2024	08:15	-0.65	-0.60	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-43-10	9/19/2024	11:52	-0.53	-0.62	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-43-10	9/19/2024	11:52	NM	NM	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-10	10/21/2024	14:01	-0.30	-0.23	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-43-10	11/21/2024	08:48	-2.13	-1.48	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-43-10	12/18/2024	13:09	-0.37	-1.08	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	1/30/2025	11:15	-0.63	-0.68	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-43-10	2/27/2025	12:59	-4.29	-0.83	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	3/20/2025	13:50	-1.24	-1.07	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-43-20	4/23/2024	11:26	-2.69	-0.16	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-43-20	5/29/2024	11:06	-0.32	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	6/20/2024	10:06	-0.49	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	7/18/2024	14:06	-1.93	0.00	0.0	0	0.0	20.5	0.0	0.0	0.0	0.0	
VMP-43-20	8/27/2024	08:16	0.00	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-20	8/27/2024	08:16	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	9/19/2024	11:53	-1.21	-1.18	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-43-20	10/21/2024	14:02	-0.52	-0.46	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-43-20	11/21/2024	08:49	-2.27	-2.06	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-43-20	12/18/2024	13:09	-1.18	-1.80	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-43-20	1/30/2025	11:15	-1.08	-1.18	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-43-20	2/27/2025	13:00	-1.35	-1.45	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-43-20	3/20/2025	13:51	-1.63	-1.74	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	4/23/2024	11:27	-3.01	-2.84	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	5/29/2024	11:07	-3.14	-3.03	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-43-30	6/20/2024	10:07	-2.97	-3.09	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-43-30	7/18/2024	14:07	-3.11	-3.09	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-43-30	8/27/2024	08:17	-1.71	-1.28	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-43-30	9/19/2024	11:54	-2.07	-2.03	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-43-30	10/21/2024	14:03	-1.08	-1.13	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-43-30	11/21/2024	08:50	-2.39	-0.83	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-30	11/21/2024	08:50	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-30	12/18/2024	13:10	-0.41	-2.62	0.0	0	0.3	20.9	0.0	0.0	0.0	0.0	
VMP-43-30	12/18/2024	13:10	NM	NM	0.0	0	0.3	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-30	1/30/2025	11:15	-2.22	-3.33	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	2/27/2025	13:01	-1.58	-1.34	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-43-30	3/20/2025	13:52	-2.69	-2.17	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-45-10	4/23/2024	08:53	-0.21	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-45-10	5/28/2024	13:56	0.00	0.00	0.0	0	0.8	19.7	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-45-10	6/19/2024	13:30	0.00	0.00	0.0	0	1.2	19.4	4.7	0.0	0.0	0.0	
VMP-45-10	7/18/2024	11:45	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-45-10	8/26/2024	13:25	0.00	0.00	0.0	0	1.4	19.3	0.0	0.0	0.0	0.0	
VMP-45-10	8/26/2024	13:25	NM	NM	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-10	9/19/2024	08:51	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-45-10	10/21/2024	11:56	0.00	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	
VMP-45-10	11/20/2024	11:15	0.00	0.00	0.0	0	0.6	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	12/18/2024	10:50	0.00	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	1/29/2025	13:15	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-45-10	2/26/2025	13:38	0.40	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	3/20/2025	11:34	0.00	0.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-45-10	3/20/2025	11:34	NM	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-20	4/23/2024	08:54	0.00	0.00	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-45-20	5/28/2024	13:57	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-45-20	6/19/2024	13:31	0.00	0.00	0.0	0	1.2	19.2	4.5	0.0	0.0	0.0	
VMP-45-20	7/18/2024	11:46	0.00	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-45-20	8/26/2024	13:26	0.00	0.00	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-45-20	9/19/2024	08:52	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-45-20	10/21/2024	11:57	0.00	0.00	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-45-20	11/20/2024	11:16	0.00	0.00	0.0	0	0.8	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	12/18/2024	10:51	0.00	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	1/29/2025	13:16	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	2/26/2025	13:39	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	2/26/2025	13:39	NM	NM	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-20	3/20/2025	11:35	0.00	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-45-30	4/23/2024	08:55	0.00	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	5/28/2024	13:58	0.00	-0.09	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-45-30	6/19/2024	13:32	0.00	0.00	0.0	0	1.2	19.5	0.0	0.0	0.0	0.0	
VMP-45-30	7/18/2024	11:47	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-45-30	8/26/2024	13:27	0.00	0.00	0.0	0	1.3	19.4	0.0	0.0	0.0	0.0	
VMP-45-30	9/19/2024	08:53	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-45-30	10/21/2024	11:58	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-45-30	11/20/2024	11:17	0.00	0.00	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-45-30	12/18/2024	10:52	0.00	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-45-30	1/29/2025	13:17	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-45-30	2/26/2025	13:40	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-45-30	3/20/2025	11:36	0.00	0.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-46-10	4/22/2024	12:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	5/29/2024	08:45	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	6/19/2024	09:34	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	7/18/2024	10:52	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	8/26/2024	09:37	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	9/19/2024	09:00	-0.10	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	9/19/2024	09:00	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-46-10	10/21/2024	09:55	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	11/21/2024	10:50	-0.18	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	12/19/2024	09:20	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	1/28/2025	10:58	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	2/26/2025	10:57	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	3/19/2025	10:10	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	4/22/2024	12:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	5/29/2024	08:46	-0.13	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	6/19/2024	09:35	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	6/19/2024	09:35	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-46-20	7/18/2024	10:53	0.00	-0.11	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-46-20	8/26/2024	09:38	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-20	9/19/2024	09:01	-0.13	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	10/21/2024	09:56	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-46-20	11/21/2024	10:51	-0.19	-0.14	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	12/19/2024	09:21	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-20	1/28/2025	10:59	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	2/26/2025	10:58	-5.41	-0.43	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	3/19/2025	10:11	0.00	0.24	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	4/22/2024	12:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	5/29/2024	08:47	0.00	-0.13	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	6/19/2024	09:36	0.00	0.00	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-46-30	7/18/2024	10:54	0.00	-0.13	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-46-30	8/26/2024	09:39	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-30	9/19/2024	09:02	-0.13	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-46-30	10/21/2024	09:57	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-30	11/21/2024	10:52	-0.19	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	12/19/2024	09:22	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-46-30	1/28/2025	11:00	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	2/26/2025	10:59	-0.11	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	3/19/2025	10:12	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-47-5	4/24/2024	08:45	-0.12	0.00	0.0	0	1.8	18.9	0.0	0.0	0.0	0.0	
VMP-47-5	5/29/2024	14:15	0.00	0.00	0.0	0	2.9	18.0	0.0	0.0	0.0	0.0	
VMP-47-5	6/20/2024	11:40	0.00	0.00	0.0	0	3.2	18.3	0.0	0.0	0.0	0.0	
VMP-47-5	7/18/2024	13:42	0.00	0.00	0.0	0	3.8	16.7	0.0	0.0	0.0	0.0	
VMP-47-5	8/27/2024	11:22	0.00	0.00	0.0	0	2.6	18.7	0.0	0.0	0.0	0.0	
VMP-47-5	9/19/2024	13:10	0.00	0.00	0.0	0	2.1	19.3	0.0	0.0	0.0	0.0	
VMP-47-5	10/22/2024	13:40	0.00	0.00	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	
VMP-47-5	11/20/2024	11:05	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-47-5	12/18/2024	11:15	-0.09	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-47-5	1/29/2025	10:08	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-47-5	2/27/2025	08:40	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	3/20/2025	10:50	-0.09	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-47-10	4/24/2024	08:46	-0.16	0.00	0.0	0	1.9	18.8	0.0	0.0	0.0	0.0	
VMP-47-10	5/29/2024	14:16	0.00	0.00	0.0	0	3.0	17.5	0.0	0.0	0.0	0.0	
VMP-47-10	6/20/2024	11:41	0.00	0.00	0.0	0	3.4	17.6	0.0	0.0	0.0	0.0	
VMP-47-10	7/18/2024	13:43	0.00	0.00	0.0	0	3.8	16.4	0.0	0.0	0.0	0.0	
VMP-47-10	8/27/2024	11:23	0.00	0.00	0.0	0	3.3	18.2	0.0	0.0	0.0	0.0	
VMP-47-10	9/19/2024	13:11	0.00	0.00	0.0	0	2.8	18.8	0.0	0.0	0.0	0.0	
VMP-47-10	10/22/2024	13:41	0.00	0.00	0.0	0	2.8	18.7	0.0	0.0	0.0	0.0	
VMP-47-10	11/20/2024	11:06	0.00	0.00	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-47-10	12/18/2024	11:16	-0.16	-0.10	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-47-10	1/29/2025	10:08	-0.12	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-47-10	2/27/2025	08:41	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-47-10	3/20/2025	10:51	-0.19	-0.12	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	4/24/2024	08:47	-0.51	-0.61	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	
VMP-47-20	5/29/2024	14:17	0.00	0.00	0.0	0	2.7	17.7	0.0	0.0	0.0	0.0	
VMP-47-20	6/20/2024	11:42	-0.63	-0.59	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-47-20	7/19/2024	11:41	-0.18	-0.09	0.0	0	3.7	17.2	0.0	0.0	0.0	0.0	
VMP-47-20	8/27/2024	11:24	-0.36	-0.37	0.0	0	3.5	18.0	0.0	0.0	0.0	0.0	
VMP-47-20	9/19/2024	13:12	-0.35	-0.29	0.0	0	3.1	18.6	0.0	0.0	0.0	0.0	
VMP-47-20	9/19/2024	13:12	NM	NM	0.0	0	3.1	18.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	10/22/2024	13:42	-0.17	-0.20	0.0	0	3.0	18.3	0.0	0.0	0.0	0.0	
VMP-47-20	11/20/2024	11:07	0.00	-0.34	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-47-20	12/18/2024	11:17	-0.86	-0.63	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-47-20	1/29/2025	10:08	-0.96	-0.80	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-47-20	1/29/2025	10:08	NM	NM	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	2/27/2025	08:42	-0.58	-0.51	0.0	0	0.9	20.3	0.0	0.0	0.0	0.0	
VMP-47-20	3/20/2025	10:52	-1.16	-1.09	0.0	0	1.0	20.1	0.1	2.0	0.0	2.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-47-30	4/24/2024	08:48	-0.65	-0.73	0.0	0	2.0	19.3	0.0	0.0	0.0	0.0	
VMP-47-30	4/24/2024	08:48	NM	NM	0.0	0	2.0	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	5/29/2024	14:18	0.00	-0.20	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-47-30	6/20/2024	11:43	-0.58	-0.52	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-47-30	7/18/2024	13:45	-0.18	0.00	0.0	0	2.2	18.3	0.0	0.0	0.0	0.0	
VMP-47-30	8/27/2024	11:25	-0.32	-0.34	0.0	0	2.0	18.3	0.0	0.0	0.0	0.0	
VMP-47-30	9/19/2024	13:13	-0.25	-0.18	0.0	0	2.2	18.1	0.0	0.0	0.0	0.0	
VMP-47-30	10/22/2024	13:43	0.00	0.00	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	
VMP-47-30	10/22/2024	13:43	NM	NM	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	11/20/2024	11:08	-0.36	-0.24	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-47-30	12/18/2024	11:18	-0.97	-0.65	0.0	0	2.5	18.6	0.0	0.0	0.0	0.0	
VMP-47-30	1/29/2025	10:08	-1.17	-0.95	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-47-30	2/27/2025	08:43	-0.61	0.00	0.0	0	2.3	19.1	0.0	0.0	0.0	0.0	
VMP-47-30	3/20/2025	10:53	-1.43	-1.32	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-48-5	4/24/2024	09:37	0.00	0.00	0.0	0	2.1	18.1	0.0	0.0	0.0	0.0	
VMP-48-5	5/29/2024	14:15	0.00	0.00	0.0	0	4.8	13.4	0.0	0.0	0.0	0.0	
VMP-48-5	6/20/2024	12:45	0.00	0.00	0.0	0	5.3	16.6	0.0	0.0	0.0	0.0	
VMP-48-5	7/19/2024	12:06	0.00	0.00	0.0	0	4.3	14.8	0.0	0.0	0.0	0.0	
VMP-48-5	8/27/2024	10:10	0.00	0.00	0.0	0	4.2	17.4	0.0	0.0	0.0	0.0	
VMP-48-5	9/20/2024	09:05	0.00	0.00	0.0	0	3.3	18.3	0.0	0.0	0.0	0.0	
VMP-48-5	10/23/2024	08:46	-0.10	0.00	0.0	0	2.6	19.0	0.0	0.0	0.0	0.0	
VMP-48-5	11/20/2024	13:05	0.00	0.00	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-48-5	12/18/2024	13:40	-0.09	-0.10	0.0	0	0.5	20.1	0.1	4.2	3.8	0.4	
VMP-48-5	1/29/2025	12:00	0.00	0.00	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-48-5	2/27/2025	10:19	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-48-5	3/20/2025	11:52	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-48-10	4/24/2024	09:38	0.00	-0.09	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-48-10	5/29/2024	14:16	0.00	-0.12	0.0	0	3.7	15.0	0.0	0.0	0.0	0.0	
VMP-48-10	6/20/2024	12:46	-0.14	-0.12	0.0	0	4.0	17.3	0.0	0.0	0.0	0.0	
VMP-48-10	7/19/2024	12:07	0.00	0.00	0.0	0	3.8	15.7	0.0	0.0	0.0	0.0	
VMP-48-10	8/27/2024	10:11	0.00	0.00	0.0	0	3.9	17.7	0.0	0.0	0.0	0.0	
VMP-48-10	9/20/2024	09:06	0.00	0.00	0.0	0	3.7	17.9	0.0	0.0	0.0	0.0	
VMP-48-10	10/23/2024	08:47	-0.18	-0.11	0.0	0	3.1	18.3	0.0	0.0	0.0	0.0	
VMP-48-10	11/20/2024	13:06	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-48-10	12/18/2024	13:41	-0.16	-0.20	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-48-10	1/29/2025	12:00	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-48-10	1/29/2025	12:00	NM	NM	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	2/27/2025	10:20	-0.11	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-48-10	3/20/2025	11:53	-0.18	-0.15	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-48-20	4/24/2024	09:39	-0.09	-0.47	0.0	0	1.2	19.6	0.0	0.0	0.0	0.0	
VMP-48-20	5/29/2024	14:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/20/2024	12:47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/19/2024	12:08	-0.09	0.00	0.0	0	3.0	17.5	0.0	0.0	0.0	0.0	
VMP-48-20	8/27/2024	10:12	0.00	0.00	0.0	0	3.8	17.3	0.0	0.0	0.0	0.0	
VMP-48-20	9/20/2024	09:07	0.00	0.00	0.0	0	4.0	17.2	0.0	0.0	0.0	0.0	
VMP-48-20	10/23/2024	08:48	-0.21	-0.14	0.0	0	4.1	16.9	0.0	0.0	0.0	0.0	
VMP-48-20	11/20/2024	13:07	-0.09	-0.09	0.0	0	4.0	17.9	0.0	0.0	0.0	0.0	
VMP-48-20	12/18/2024	13:42	-0.16	-0.22	0.0	0	3.4	18.3	0.0	0.0	0.0	0.0	
VMP-48-20	1/29/2025	12:00	0.00	0.00	0.0	0	3.6	17.9	0.0	0.0	0.0	0.0	
VMP-48-20	2/27/2025	10:21	-0.11	0.00	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-48-20	3/20/2025	11:54	-0.22	-0.16	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	
VMP-48-20	3/20/2025	11:54	NM	NM	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	4/24/2024	09:40	-0.74	-1.21	0.0	0	2.6	19.2	0.0	0.0	0.0	0.0	
VMP-48-30	5/29/2024	14:18	-0.99	-1.02	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-48-30	6/20/2024	12:48	-1.07	-1.06	0.0	0	2.3	18.3	0.0	0.0	0.0	0.0	
VMP-48-30	7/19/2024	12:09	-1.15	-0.97	0.0	0	2.6	17.8	0.0	0.0	0.0	0.0	
VMP-48-30	8/27/2024	10:13	-0.42	-0.44	0.0	0	3.3	16.8	0.0	0.0	0.0	0.0	
VMP-48-30	9/20/2024	09:08	-0.68	-0.60	0.0	0	3.4	16.7	0.0	0.0	0.0	0.0	
VMP-48-30	10/23/2024	08:49	-1.43	0.00	0.0	0	3.5	16.8	0.0	0.0	0.0	0.0	
VMP-48-30	11/20/2024	13:08	NM	NM	0.0	0	2.7	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	11/20/2024	13:08	-0.92	-1.01	0.0	0	2.3	18.9	0.0	0.8	0.0	0.8	
VMP-48-30	12/19/2024	13:43	-1.19	-1.35	0.0	0	4.0	17.1	0.0	0.0	0.0	0.0	
VMP-48-30	1/29/2025	12:00	-2.89	0.00	0.0	0	2.1	19.5	0.0	0.0	0.0	0.0	
VMP-48-30	2/27/2025	10:22	-0.67	-0.60	0.0	0	3.3	18.3	0.0	0.0	0.0	0.0	
VMP-48-30	3/20/2025	11:55	-1.52	-1.52	0.0	0	3.4	18.2	0.0	0.0	0.0	0.0	
VMP-49-5	4/24/2024	08:57	-0.41	0.12	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-49-5	5/29/2024	12:55	-0.24	-0.14	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-49-5	6/20/2024	11:10	0.00	-0.12	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-49-5	7/19/2024	09:45	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-49-5	8/27/2024	09:00	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-49-5	9/19/2024	12:56	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-49-5	10/22/2024	13:46	-0.56	-0.11	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-49-5	11/20/2024	13:50	-0.85	0.00	0.0	0	0.4	20.8	0.0	0.0	0.0	0.0	
VMP-49-5	12/19/2024	08:52	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-49-5	12/19/2024	08:52	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-5	1/29/2025	14:10	-0.24	-0.12	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-49-5	2/27/2025	11:30	-0.15	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-49-5	3/20/2025	13:20	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-49-10	4/24/2024	08:58	0.00	-0.16	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-49-10	5/29/2024	12:56	-0.19	-0.12	0.0	0	3.3	17.3	0.0	0.0	0.0	0.0	
VMP-49-10	6/20/2024	11:11	-0.09	0.00	0.0	0	4.0	17.0	0.0	0.0	0.0	0.0	
VMP-49-10	7/19/2024	09:46	0.10	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	8/27/2024	09:01	0.00	0.00	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	9/19/2024	12:57	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-49-10	10/22/2024	13:47	-0.26	-0.26	0.0	0	4.2	17.1	0.0	0.0	0.0	0.0	
VMP-49-10	11/20/2024	13:51	-0.15	-0.15	0.0	0	2.0	19.2	0.0	0.0	0.0	0.0	
VMP-49-10	12/19/2024	08:53	0.00	-0.14	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-49-10	1/29/2025	14:10	-0.11	-0.09	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-49-10	2/27/2025	11:31	-0.17	-0.15	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-49-10	3/20/2025	13:21	-0.22	-0.17	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-49-20	4/24/2024	08:59	0.00	0.00	0.0	0	1.2	18.9	0.0	0.0	0.0	0.0	
VMP-49-20	5/29/2024	12:57	0.00	0.00	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	
VMP-49-20	6/20/2024	11:12	0.00	0.00	0.0	0	4.6	16.4	0.0	0.0	0.0	0.0	
VMP-49-20	7/19/2024	09:47	0.00	0.00	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-49-20	8/27/2024	09:02	0.00	0.00	0.0	0	6.2	15.5	0.0	0.0	0.0	0.0	
VMP-49-20	9/19/2024	12:58	0.00	0.00	0.0	0	5.1	16.5	0.0	0.0	0.0	0.0	
VMP-49-20	10/22/2024	13:48	0.00	0.00	0.0	0	3.8	17.4	0.0	0.0	0.0	0.0	
VMP-49-20	11/20/2024	13:52	0.00	0.00	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-49-20	12/19/2024	08:54	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-49-20	1/29/2025	14:10	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-49-20	2/27/2025	11:32	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-49-20	3/20/2025	13:22	0.00	-0.21	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-49-30	4/24/2024	09:00	-0.22	-0.47	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-49-30	5/29/2024	12:58	-0.44	-0.32	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-49-30	6/20/2024	11:13	-0.40	-0.37	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-49-30	7/19/2024	09:48	-0.34	-0.32	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-49-30	8/27/2024	09:03	0.00	-0.29	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-49-30	9/19/2024	12:59	-0.19	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-49-30	10/22/2024	13:49	-0.15	-0.16	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-49-30	11/20/2024	13:53	-0.45	-0.52	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-49-30	12/19/2024	08:55	-0.41	-0.55	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-49-30	1/29/2025	14:10	-0.37	-0.33	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-49-30	2/27/2025	11:33	-0.42	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-49-30	3/20/2025	13:23	-0.51	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-50-5	4/23/2024	10:56	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-50-5	5/29/2024	10:15	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-50-5	6/20/2024	09:25	0.00	0.00	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-50-5	7/18/2024	12:55	0.00	0.00	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-50-5	8/27/2024	10:35	0.00	0.00	0.0	0	1.2	19.5	0.0	0.0	0.0	0.0	
VMP-50-5	9/19/2024	11:11	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-50-5	10/22/2024	08:23	0.00	0.00	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-50-5	11/20/2024	13:35	0.00	0.00	0.0	0	0.4	20.8	0.0	0.0	0.0	0.0	
VMP-50-5	12/18/2024	12:27	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	1/29/2025	14:20	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-50-5	2/27/2025	13:23	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-50-5	3/20/2025	13:30	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-50-10	4/23/2024	10:57	-0.25	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-50-10	5/29/2024	10:16	-0.22	-0.18	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-50-10	6/20/2024	09:26	0.00	-0.17	0.0	0	1.5	19.1	0.0	0.0	0.0	0.0	
VMP-50-10	7/18/2024	12:56	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-50-10	8/27/2024	10:36	0.00	-0.11	0.0	0	1.8	19.0	0.0	0.0	0.0	0.0	
VMP-50-10	9/19/2024	11:12	-0.14	0.00	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-50-10	10/22/2024	08:24	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-50-10	11/20/2024	13:36	-0.94	-0.19	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-50-10	12/18/2024	12:28	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-50-10	1/29/2025	14:21	-0.21	-0.24	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-50-10	2/27/2025	13:24	-0.13	-0.13	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-50-10	3/20/2025	13:31	-0.24	-0.25	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-50-20	4/23/2024	10:58	-2.22	-2.27	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-50-20	5/29/2024	10:17	-2.17	-2.10	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-50-20	6/20/2024	09:27	-0.65	-1.60	0.0	0	1.7	18.9	0.0	0.0	0.0	0.0	
VMP-50-20	7/18/2024	12:57	-1.56	-1.63	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-50-20	8/27/2024	10:37	-0.76	-0.84	0.0	0	2.2	18.7	0.0	0.0	0.0	0.0	
VMP-50-20	9/19/2024	11:13	-0.96	-0.83	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	
VMP-50-20	10/22/2024	08:25	-0.57	-0.53	0.0	0	2.3	18.8	0.0	0.0	0.0	0.0	
VMP-50-20	11/20/2024	13:37	-1.16	-1.48	0.0	0	1.0	20.4	0.0	0.0	0.0	0.0	
VMP-50-20	12/18/2024	12:29	-1.32	-1.33	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-50-20	1/29/2025	14:22	-1.35	-1.32	0.0	0	0.7	20.6	0.0	0.0	0.0	0.0	
VMP-50-20	2/27/2025	13:25	-1.11	-0.95	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-50-20	3/20/2025	13:32	-1.45	-1.46	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-50-30	4/23/2024	10:59	-0.82	-1.01	0.0	0	2.4	18.9	0.0	2.5	1.4	1.1	
VMP-50-30	5/29/2024	10:18	NM	NM	0.0	0	2.2	18.3	0.1	5.3	4.8	0.5	Duplicate sample.
VMP-50-30	5/29/2024	10:18	-1.42	-1.48	0.0	0	2.3	18.3	0.1	5.3	4.6	0.7	
VMP-50-30	6/20/2024	09:28	-0.51	-0.74	0.0	0	2.5	17.6	0.0	4.2	4.2	0.0	
VMP-50-30	7/18/2024	12:58	-1.39	-1.37	0.0	0	2.4	17.9	0.0	3.0	3.0	0.0	
VMP-50-30	8/27/2024	10:38	-0.61	-0.67	0.0	0	3.1	17.3	0.0	3.9	3.9	0.0	
VMP-50-30	9/19/2024	11:14	-0.77	0.00	0.0	0	3.4	17.4	1.0	8.5	7.4	1.1	
VMP-50-30	10/22/2024	08:26	-0.43	-0.38	0.0	0	3.7	16.9	0.0	4.5	4.3	0.2	
VMP-50-30	10/22/2024	08:26	NM	NM	0.0	0	3.7	16.9	0.0	5.2	4.7	0.5	Duplicate sample.
VMP-50-30	11/20/2024	13:38	-0.80	-0.79	0.0	0	3.6	17.7	0.1	5.8	4.8	1	
VMP-50-30	12/18/2024	12:30	-1.13	-1.08	0.0	0	3.5	17.9	0.0	6.5	5.6	0.9	
VMP-50-30	1/29/2025	14:23	0.00	-0.83	0.0	0	2.9	18.4	0.0	4.4	4.2	0.2	
VMP-50-30	2/27/2025	13:26	-0.67	-0.63	0.0	0	3.1	18.2	0.0	5.7	5.5	0.2	
VMP-50-30	3/20/2025	13:33	-1.20	-1.15	0.0	0	2.7	18.4	0.1	5.7	5.3	0.4	
VMP-51-5	4/23/2024	09:23	0.00	0.00	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	
VMP-51-5	5/28/2024	14:21	0.00	-0.11	0.0	0	2.4	17.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-51-5	6/20/2024	13:45	0.00	0.00	0.0	0	2.4	19.1	0.0	0.0	0.0	0.0	
VMP-51-5	7/18/2024	12:20	0.00	0.00	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-51-5	8/27/2024	10:50	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-51-5	9/19/2024	09:26	0.00	0.00	0.0	0	2.6	18.9	0.0	0.0	0.0	0.0	
VMP-51-5	10/21/2024	12:29	0.00	0.00	0.0	0	2.5	18.9	0.0	0.0	0.0	0.0	
VMP-51-5	11/20/2024	11:45	0.00	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-51-5	12/18/2024	11:05	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-51-5	1/29/2025	13:55	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-51-5	2/27/2025	13:42	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-51-5	3/20/2025	11:54	0.00	0.00	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	
VMP-51-10	4/23/2024	09:24	0.00	0.00	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-51-10	5/28/2024	14:22	-0.12	-0.12	0.0	0	2.3	17.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-51-10	6/20/2024	13:46	0.00	0.00	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-51-10	7/18/2024	12:24	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-51-10	8/27/2024	10:51	0.00	0.00	0.0	0	3.0	18.3	0.0	0.0	0.0	0.0	
VMP-51-10	9/19/2024	09:27	0.00	0.00	0.0	0	3.1	18.5	0.0	0.0	0.0	0.0	
VMP-51-10	10/21/2024	12:30	0.00	0.00	0.0	0	2.9	18.4	0.0	0.0	0.0	0.0	
VMP-51-10	11/20/2024	11:46	0.00	0.00	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-51-10	12/18/2024	11:21	0.00	0.00	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-51-10	1/29/2025	13:56	0.00	0.00	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-51-10	2/27/2025	13:43	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-51-10	3/20/2025	11:55	0.00	0.00	0.0	0	0.6	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-51-20	4/23/2024	09:25	-0.11	-0.17	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-51-20	5/28/2024	14:23	0.00	0.00	0.0	0	1.8	18.6	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-51-20	6/20/2024	13:47	-0.09	-0.09	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-51-20	7/18/2024	12:22	-0.14	0.00	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-51-20	8/27/2024	10:52	0.00	0.00	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-51-20	9/19/2024	09:28	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-51-20	10/21/2024	12:31	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-51-20	11/20/2024	11:47	NM	NM	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-51-20	11/20/2024	11:47	0.00	0.00	0.0	0	2.6	18.7	0.0	0.0	0.0	0.0	
VMP-51-20	12/18/2024	11:22	-0.16	0.00	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-51-20	12/18/2024	11:22	NM	NM	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-51-20	1/29/2025	15:37	0.00	0.00	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-51-20	2/27/2025	13:44	0.28	0.00	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-51-20	3/20/2025	11:55	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-51-30	4/23/2024	09:26	0.00	0.00	0.0	0	2.3	18.8	0.0	0.0	0.0	0.0	
VMP-51-30	5/28/2024	14:24	-0.13	-0.17	0.0	0	2.3	18.3	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-51-30	6/20/2024	13:48	-0.10	0.00	0.0	0	2.5	18.2	0.0	0.0	0.0	0.0	
VMP-51-30	7/18/2024	12:23	-0.16	0.00	0.0	0	2.7	18.0	0.0	0.0	0.0	0.0	
VMP-51-30	8/27/2024	10:53	0.00	0.00	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	
VMP-51-30	9/19/2024	09:29	0.00	-0.19	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-51-30	10/21/2024	12:32	0.00	0.00	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	
VMP-51-30	11/20/2024	11:48	0.00	0.00	0.0	0	3.3	18.0	0.0	0.0	0.0	0.0	
VMP-51-30	12/18/2024	11:23	0.00	0.00	0.0	0	3.0	18.3	0.0	0.0	0.0	0.0	
VMP-51-30	1/29/2025	13:58	0.00	0.00	0.0	0	2.8	18.6	0.0	0.0	0.0	0.0	
VMP-51-30	2/27/2025	13:45	0.00	0.00	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-51-30	3/20/2025	11:57	-0.32	-0.27	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-52-5	4/23/2024	08:35	0.00	0.00	0.0	0	1.9	18.0	0.0	0.0	0.0	0.0	
VMP-52-5	5/28/2024	13:40	0.00	0.00	0.0	0	4.1	13.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-52-5	6/20/2024	08:20	0.00	0.00	0.0	0	5.1	16.8	0.0	0.0	0.0	0.0	
VMP-52-5	7/18/2024	11:25	0.00	0.00	0.0	0	4.1	13.8	0.0	0.0	0.0	0.0	
VMP-52-5	8/26/2024	12:45	0.00	0.00	0.0	0	4.1	17.9	0.0	0.0	0.0	0.0	
VMP-52-5	9/19/2024	08:26	0.00	0.00	0.0	0	4.7	17.7	0.0	0.0	0.0	0.0	
VMP-52-5	10/21/2024	10:34	0.00	0.00	0.0	0	3.9	18.4	0.0	0.0	0.0	0.0	
VMP-52-5	11/20/2024	11:00	0.00	0.00	0.0	0	1.8	18.6	0.0	0.0	0.0	0.0	
VMP-52-5	12/18/2024	10:30	0.00	0.00	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-52-5	1/29/2025	13:00	0.00	0.00	0.0	0	0.7	19.8	0.0	0.0	0.0	0.0	
VMP-52-5	2/26/2025	12:48	0.00	0.00	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-52-5	3/20/2025	11:15	0.00	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	
VMP-52-5	3/20/2025	11:15	NM	NM	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-52-10	4/23/2024	08:36	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-52-10	4/23/2024	08:36	NM	NM	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-10	5/28/2024	13:41	0.00	0.00	0.0	0	3.6	15.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-52-10	6/20/2024	08:21	0.00	0.00	0.0	0	3.8	16.3	0.0	0.0	0.0	0.0	
VMP-52-10	7/18/2024	11:26	0.00	0.00	0.0	0	3.7	14.9	0.0	0.0	0.0	0.0	
VMP-52-10	8/16/2024	12:46	0.00	0.00	0.0	0	4.4	15.0	0.0	0.0	0.0	0.0	
VMP-52-10	9/19/2024	08:27	0.00	0.00	0.0	0	5.3	15.1	0.0	0.0	0.0	0.0	
VMP-52-10	10/21/2024	10:35	0.00	0.00	0.0	0	5.6	15.5	0.0	0.0	0.0	0.0	
VMP-52-10	11/20/2024	11:01	0.00	0.00	0.0	0	3.2	15.5	0.0	0.0	0.0	0.0	
VMP-52-10	12/18/2024	10:31	0.00	0.00	0.0	0	6.8	12.0	0.0	0.0	0.0	0.0	
VMP-52-10	1/29/2025	13:01	-0.33	0.00	0.0	0	3.1	16.6	0.0	0.0	0.0	0.0	
VMP-52-10	2/26/2025	12:49	-0.16	0.00	0.0	0	2.8	17.7	0.0	0.0	0.0	0.0	
VMP-52-10	3/20/2025	11:16	0.00	0.00	0.0	0	2.5	17.8	0.0	0.0	0.0	0.0	
VMP-52-20	4/23/2024	08:37	0.00	0.00	0.0	0	4.1	16.8	0.0	0.0	0.0	0.0	
VMP-52-20	5/28/2024	13:42	0.00	0.00	0.0	0	4.6	15.4	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-52-20	6/20/2024	08:22	0.00	0.00	0.0	0	4.8	14.8	0.0	0.0	0.0	0.0	
VMP-52-20	7/18/2024	11:27	-0.10	0.00	0.0	0	5.0	14.2	0.0	0.0	0.0	0.0	
VMP-52-20	8/26/2024	12:47	0.00	0.14	0.0	0	3.8	16.1	0.0	0.0	0.0	0.0	
VMP-52-20	9/19/2024	08:28	-0.10	0.00	0.0	0	5.6	13.2	0.0	0.0	0.0	0.0	
VMP-52-20	10/21/2024	10:36	0.10	0.00	0.0	0	6.0	12.8	0.0	0.0	0.0	0.0	
VMP-52-20	11/20/2024	11:02	0.00	0.11	0.0	0	6.1	12.5	0.0	0.0	0.0	0.0	
VMP-52-20	12/18/2024	10:32	-0.24	-0.17	0.0	0	6.3	12.5	0.0	0.0	0.0	0.0	
VMP-52-20	1/29/2025	13:02	0.12	0.00	0.0	0	6.6	12.0	0.0	0.0	0.0	0.0	
VMP-52-20	2/26/2025	12:50	0.31	0.00	0.0	0	6.8	12.3	0.0	0.0	0.0	0.0	
VMP-52-20	3/20/2025	11:17	-0.32	-0.37	0.0	0	6.7	12.3	0.0	0.0	0.0	0.0	
VMP-52-30	4/23/2024	08:38	-0.11	0.00	0.0	0	4.8	16.3	0.0	0.0	0.0	0.0	
VMP-52-30	5/28/2024	13:43	0.00	-0.11	0.0	0	5.0	14.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-52-30	6/20/2024	08:23	0.00	0.00	0.0	0	5.2	14.2	0.0	0.0	0.0	0.0	
VMP-52-30	6/20/2024	08:23	NM	NM	0.0	0	5.1	14.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	7/18/2024	11:28	-0.10	0.00	0.0	0	5.3	13.7	0.0	0.0	0.0	0.0	
VMP-52-30	8/26/2024	12:48	0.00	0.00	0.0	0	5.5	13.2	0.0	0.0	0.0	0.0	
VMP-52-30	9/19/2024	08:29	-0.15	0.00	0.0	0	5.5	13.4	0.0	0.0	0.0	0.0	
VMP-52-30	10/21/2024	10:37	0.10	0.00	0.0	0	6.3	12.5	0.0	0.0	0.0	0.0	
VMP-52-30	10/21/2024	10:37	NM	NM	0.0	0	5.9	12.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	11/20/2024	11:03	0.00	0.11	0.0	0	6.2	12.4	0.0	0.0	0.0	0.0	
VMP-52-30	12/18/2024	10:33	-0.23	0.00	0.0	0	3.0	16.3	0.0	0.0	0.0	0.0	
VMP-52-30	1/29/2025	13:03	0.11	0.00	0.0	0	6.9	11.6	0.0	0.0	0.0	0.0	
VMP-52-30	2/26/2025	12:51	0.00	0.00	0.0	0	7.3	11.7	0.0	0.0	0.0	0.0	
VMP-52-30	3/20/2025	11:18	-0.42	-0.20	0.0	0	7.2	11.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-53-5	4/22/2024	12:35	0.00	0.00	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-53-5	5/28/2024	11:06	0.00	0.00	0.0	0	2.8	17.9	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-53-5	6/19/2024	11:25	0.00	0.00	0.0	0	2.8	19.1	0.0	0.0	0.0	0.0	
VMP-53-5	7/17/2024	12:40	0.00	0.00	0.0	0	2.3	18.5	0.0	0.0	0.0	0.0	
VMP-53-5	8/26/2024	10:46	0.00	0.00	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-53-5	9/18/2024	13:35	0.00	0.00	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-53-5	10/21/2024	09:01	0.00	0.00	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-53-5	11/20/2024	09:05	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-53-5	12/18/2024	08:47	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-53-5	1/29/2025	10:25	0.00	0.00	0.0	0	0.3	20.6	0.1	0.4	0.4	0.0	
VMP-53-5	2/26/2025	11:22	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-53-5	3/19/2025	12:00	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	4/22/2024	12:36	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-53-10	5/28/2024	11:07	0.00	0.00	0.0	0	2.3	18.3	0.0	0.0	0.0	0.0	
VMP-53-10	6/19/2024	11:26	0.00	-0.10	0.0	0	1.9	19.7	0.0	0.0	0.0	0.0	
VMP-53-10	7/17/2024	12:41	0.00	0.00	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-53-10	8/26/2024	10:46	0.00	0.00	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-53-10	9/18/2024	13:36	0.00	-0.12	0.0	0	0.9	20.3	0.0	0.0	0.0	0.0	
VMP-53-10	10/21/2024	09:02	0.00	0.00	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	11/20/2024	09:06	-0.10	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-53-10	12/18/2024	08:48	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-53-10	1/29/2025	10:26	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	2/26/2025	11:23	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-53-10	3/19/2025	12:00	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-53-20	4/22/2024	12:37	0.35	0.15	0.0	0	2.6	18.3	0.0	0.0	0.0	0.0	
VMP-53-20	5/28/2024	11:08	0.00	0.00	0.0	0	2.7	17.8	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-53-20	6/19/2024	11:27	-0.25	-0.36	0.0	0	2.6	19.1	0.0	0.0	0.0	0.0	
VMP-53-20	7/17/2024	12:42	0.00	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-53-20	8/26/2024	10:47	NM	NM	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-53-20	8/26/2024	10:47	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-53-20	9/18/2024	13:37	-0.14	0.00	0.0	0	1.2	20.2	0.0	0.0	0.0	0.0	
VMP-53-20	10/21/2024	09:03	-0.23	-0.22	0.0	0	0.8	20.5	0.0	0.0	0.0	0.0	
VMP-53-20	11/20/2024	09:07	-0.27	-0.16	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-53-20	12/18/2024	08:49	0.00	-0.23	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-53-20	1/29/2025	10:27	-0.22	-0.24	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-53-20	2/26/2025	11:24	0.17	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-53-20	3/19/2025	12:00	0.00	0.00	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-53-30	4/22/2024	12:38	0.00	0.00	0.0	0	3.3	17.6	0.0	0.0	0.0	0.0	
VMP-53-30	5/28/2024	11:09	0.00	-0.23	0.0	0	3.4	17.3	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-53-30	6/19/2024	11:28	-0.30	-0.39	0.0	0	3.3	17.7	0.0	0.0	0.0	0.0	
VMP-53-30	7/17/2024	12:43	0.00	-0.37	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-53-30	8/26/2024	10:48	0.00	0.00	0.0	0	2.6	18.3	0.0	0.0	0.0	0.0	
VMP-53-30	9/18/2024	13:38	-0.17	-0.21	0.0	0	2.0	19.5	0.0	0.0	0.0	0.0	
VMP-53-30	10/21/2024	09:04	-0.26	-0.22	0.0	0	1.6	19.9	0.0	0.0	0.0	0.0	
VMP-53-30	11/20/2024	09:08	-0.30	-0.17	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-53-30	12/18/2024	08:50	-0.30	-0.27	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-53-30	1/29/2025	10:28	-0.24	-0.74	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-53-30	2/26/2025	11:25	0.21	-0.09	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-53-30	3/19/2025	12:00	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-54-5	4/22/2024	12:50	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-54-5	5/28/2024	10:50	0.00	0.00	0.0	0	3.6	16.2	2.6	3.3	0.0	3.3	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-54-5	5/28/2024	10:50	NM	NM	0.0	0	3.6	16.2	2.6	3.3	0.0	3.3	Duplicate sample.
VMP-54-5	5/29/2024	08:25	0.00	NM	0.0	0	4.0	15.8	0.0	0.0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-54-5	6/19/2024	11:40	0.00	0.00	0.0	0	5.0	15.8	0.0	0.0	0.0	0.0	
VMP-54-5	7/17/2024	13:00	0.00	0.00	0.0	0	4.5	15.7	0.0	0.0	0.0	0.0	
VMP-54-5	8/26/2024	11:05	0.00	0.00	0.0	0	4.3	16.3	0.0	0.0	0.0	0.0	
VMP-54-5	9/18/2024	13:56	0.00	0.00	0.0	0	4.0	17.6	0.0	0.0	0.0	0.0	
VMP-54-5	10/21/2024	08:21	0.00	0.00	0.0	0	3.3	18.1	0.0	0.0	0.0	0.0	
VMP-54-5	11/20/2024	09:05	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-54-5	12/18/2024	08:31	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-54-5	1/29/2025	10:09	0.00	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-54-5	1/29/2025	10:09	NM	NM	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	2/26/2025	12:13	0.16	-0.24	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-54-5	3/19/2025	12:25	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-54-10	4/22/2024	12:51	0.00	0.00	0.0	0	3.3	16.6	0.0	0.0	0.0	0.0	
VMP-54-10	5/28/2024	10:51	0.00	0.00	0.0	0	3.6	16.0	0.0	0.0	0.0	0.0	
VMP-54-10	6/19/2024	11:41	0.00	0.00	0.0	0	1.2	19.4	0.0	0.0	0.0	0.0	
VMP-54-10	7/17/2024	13:01	-0.14	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-54-10	8/26/2024	11:06	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-54-10	9/18/2024	13:57	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
VMP-54-10	10/21/2024	08:22	0.00	0.00	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-54-10	11/20/2024	09:21	-0.16	0.00	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-54-10	12/18/2024	08:32	0.00	0.00	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	
VMP-54-10	1/29/2025	10:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-10	2/26/2025	12:14	0.00	0.00	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-54-10	3/19/2025	12:25	0.00	0.00	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-54-20	4/22/2024	12:52	0.00	0.00	0.0	0	4.3	14.6	0.0	0.0	0.0	0.0	
VMP-54-20	5/28/2024	10:52	0.00	0.00	0.0	0	4.1	14.6	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-54-20	6/19/2024	11:42	0.00	0.00	0.0	0	4.2	14.4	0.0	0.0	0.0	0.0	
VMP-54-20	6/19/2024	11:42	NM	NM	0.0	0	4.2	14.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-20	7/17/2024	13:02	0.00	0.00	0.0	0	4.0	15.5	0.0	0.0	0.0	0.0	
VMP-54-20	8/26/2024	11:07	0.00	0.00	0.0	0	3.8	16.0	0.0	0.0	0.0	0.0	
VMP-54-20	9/18/2024	13:58	0.00	0.00	0.0	0	4.0	16.2	0.0	0.0	0.0	0.0	
VMP-54-20	10/21/2024	08:23	0.00	0.00	0.0	0	3.9	17.0	0.0	0.0	0.0	0.0	
VMP-54-20	11/20/2024	09:22	0.00	0.00	0.0	0	3.8	16.9	0.0	0.0	0.0	0.0	
VMP-54-20	12/18/2024	08:33	0.00	0.00	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-54-20	1/29/2025	10:11	-0.10	-0.35	0.0	0	2.8	18.0	0.0	0.0	0.0	0.0	
VMP-54-20	2/26/2025	12:15	0.00	0.00	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-54-20	3/19/2025	12:25	0.12	0.00	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-54-30	4/22/2024	12:53	0.00	0.00	0.0	0	2.9	17.3	0.0	0.0	0.0	0.0	
VMP-54-30	5/28/2024	10:53	0.00	0.00	0.0	0	1.8	18.5	0.0	0.0	0.0	0.0	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-54-30	6/19/2024	11:43	0.00	0.00	0.0	0	4.3	16.8	0.0	0.0	0.0	0.0	
VMP-54-30	7/17/2024	13:03	0.00	0.00	0.0	0	2.8	16.2	0.0	0.0	0.0	0.0	
VMP-54-30	8/26/2024	11:08	0.00	0.00	0.0	0	3.2	17.8	0.0	0.0	0.0	0.0	
VMP-54-30	9/18/2024	13:59	0.00	0.00	0.0	0	3.2	18.1	0.0	0.0	0.0	0.0	
VMP-54-30	10/21/2024	08:24	NM	NM	0.0	0	2.5	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	10/21/2024	08:24	0.00	0.00	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-54-30	11/20/2024	09:23	0.00	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-54-30	12/18/2024	08:34	0.00	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-54-30	1/29/2025	10:12	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-54-30	2/26/2025	12:16	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-54-30	3/19/2025	12:25	0.00	0.00	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-55-5	4/23/2024	10:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/28/2024	08:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/19/2024	10:40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	7/18/2024	09:10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/26/2024	08:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/18/2024	12:25	0.00	0.00	0.0	0	0.7	20.4	1.7	47.2	43.7	3.5	
VMP-55-5	10/22/2024	13:06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/20/2024	13:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/19/2024	10:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	1/29/2025	11:35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/26/2025	08:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/19/2025	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-55-10	4/23/2024	10:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/28/2024	08:55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/19/2024	10:41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/18/2024	09:11	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/26/2024	08:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/18/2024	12:26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/22/2024	13:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/20/2024	13:49	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/19/2024	10:25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/29/2025	11:36	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/26/2025	08:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/19/2025	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	4/23/2024	10:30	-0.24	0.55	21.1	OVR	18.3	0.6	171	124000	121000	3000	
VMP-55-20	5/28/2024	08:56	0.00	-0.27	23.1	OVR	17.9	0.2	113	149000	141000	8000	SVE system offline 5/26/24 and restarted 10:25 am 5/28/24.
VMP-55-20	6/19/2024	10:42	-1.46	-1.36	22.1	OVR	15.0	3.9	207	123570	114050	9520	
VMP-55-20	7/18/2024	09:12	-1.56	-1.68	27.6	OVR	15.6	2.9	204	156310	140340	15970	
VMP-55-20	8/26/2024	08:27	0.00	0.00	20.3	OVR	18.0	0.5	305	94860	93080	1780	
VMP-55-20	9/18/2024	12:27	-0.93	-0.64	33.6	73	18.2	0.1	252	19470	19470	0.0	
VMP-55-20	10/22/2024	13:08	0.56	0.48	25.3	OVR	18.1	0.4	477	45630	45630	0	
VMP-55-20	11/20/2024	13:50	-0.24	-0.23	12.3	OVR	18.1	0.5	429	62450	54760	7690	
VMP-55-20	12/19/2024	10:26	-0.39	-0.43	9.6	OVR	16.6	0.5	357	47650	47650	0.0	
VMP-55-20	1/29/2025	11:37	-0.52	-0.31	5.1	OVR	18.5	0.5	184	42930	35630	7300	
VMP-55-20	2/27/2025	14:30	-0.35	-0.31	4.6	92	18.5	0.6	169	39210	31790	7420	
VMP-55-20	3/19/2025	11:00	0.34	0.33	4.4	88	16.6	1.5	146	31110	29250	1860	
VMP-55-30	4/23/2024	10:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/28/2024	08:57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/19/2024	10:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/18/2024	09:13	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/26/2024	08:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/18/2024	12:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/22/2024	13:09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/20/2024	13:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/19/2024	10:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/29/2025	11:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/26/2025	08:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/19/2025	11:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-56-10	4/23/2024	11:11	-0.69	-0.77	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-56-10	5/29/2024	10:47	-0.84	-0.78	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-56-10	6/20/2024	10:15	-0.60	-0.62	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	
VMP-56-10	7/19/2024	08:53	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-56-10	8/27/2024	08:30	-0.41	-0.35	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-56-10	9/19/2024	11:36	-0.40	-0.38	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-56-10	10/21/2024	13:41	-0.17	-0.12	0.0	0	1.1	20.2	0.0	0.0	0.0	0.0	
VMP-56-10	11/21/2024	09:19	-1.06	-0.99	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-56-10	12/19/2024	07:55	-0.27	-1.37	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-56-10	1/30/2025	11:35	-0.57	-0.78	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-56-10	2/27/2025	12:45	0.00	-0.44	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	3/20/2025	14:00	-0.54	-0.78	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-56-25	4/23/2024	11:12	-1.43	-1.50	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-56-25	5/29/2024	10:48	-1.70	-1.62	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-56-25	5/29/2024	10:48	NM	NM	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-56-25	6/20/2024	10:16	-1.49	-1.56	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-56-25	7/19/2024	08:54	-0.60	-0.36	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	8/27/2024	08:31	-0.09	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-56-25	9/19/2024	11:37	0.00	-0.10	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-56-25	10/21/2024	13:42	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	11/21/2024	09:20	-0.93	-0.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-56-25	12/19/2024	08:25	-0.24	-0.36	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-56-25	1/30/2025	11:35	-0.22	-0.23	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-56-25	2/27/2025	12:46	-0.38	-1.20	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-56-25	3/20/2025	14:01	-1.42	-0.21	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-56-38.5	4/23/2024	11:13	-2.23	-2.51	6.7	OVR	0.9	20.0	1725	12900	152	12748	
VMP-56-38.5	5/29/2024	10:49	-2.60	-2.57	0.5	10	0.6	20.3	158	678	14.7	663	
VMP-56-38.5	6/20/2024	10:17	-2.46	-2.54	0.3	6	0.7	20.1	339	993	27.3	966	
VMP-56-38.5	7/19/2024	08:55	-2.66	-2.56	0.1	2	0.6	20.2	104	239	6.9	232	
VMP-56-38.5	8/27/2024	08:32	-1.96	-1.91	0.1	2	0.5	20.5	94.7	372	11.3	361	
VMP-56-38.5	9/19/2024	11:38	-2.16	-2.10	0.1	3	0.5	20.5	96.8	429	8.7	420	
VMP-56-38.5	10/21/2024	13:43	-1.21	-1.14	0.4	8	0.9	19.9	167	987	79.4	907.6	
VMP-56-38.5	11/21/2024	09:21	-3.42	-3.35	0.0	0	0.3	20.7	23.5	107	2.3	104.7	
VMP-56-38.5	12/19/2024	07:57	-2.91	-2.96	0.0	0	0.2	20.5	43.4	175	3.9	171.1	
VMP-56-38.5	1/30/2025	11:35	-2.54	-2.36	0.1	2	0.4	20.4	41.2	198	8.3	190	
VMP-56-38.5	2/27/2025	12:47	-2.39	-2.52	0.1	2	0.3	20.4	54.3	233	4.5	229	
VMP-56-38.5	3/20/2025	14:02	-2.90	-2.74	0.1	2	0.3	20.5	51.2	188	1.6	186	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-57-5A	4/23/2024	12:20	0.00	0.00	0.0	0	2.1	18.6	0.0	0.0	0.0	0.0	
VMP-57-5A	5/29/2024	12:49	0.00	0.00	0.0	0	2.9	17.0	0.0	0.0	0.0	0.0	
VMP-57-5A	6/20/2024	09:00	0.00	0.00	0.0	0	3.7	15.6	0.0	0.0	0.0	0.0	
VMP-57-5A	7/17/2024	12:12	0.00	0.00	0.0	0	4.6	14.3	0.0	0.0	0.0	0.0	
VMP-57-5A	8/27/2024	08:40	0.00	0.00	0.0	0	5.2	13.6	0.0	0.0	0.0	0.0	
VMP-57-5A	9/19/2024	11:30	NM	NM	0.0	0	4.7	15.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-5A	9/19/2024	11:30	0.00	0.00	0.0	0	4.6	15.2	0.0	0.0	0.0	0.0	
VMP-57-5A	10/21/2024	14:25	0.00	0.00	0.0	0	4.3	15.6	0.0	0.0	0.0	0.0	
VMP-57-5A	11/20/2024	09:35	0.00	0.00	0.0	0	3.4	15.5	0.0	0.0	0.0	0.0	
VMP-57-5A	12/18/2024	09:25	-0.34	-0.29	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-57-5A	1/28/2025	13:40	0.00	0.10	0.0	0	1.8	18.2	0.0	0.0	0.0	0.0	
VMP-57-5A	2/26/2025	13:40	0.00	0.00	0.0	0	1.5	18.7	0.0	0.0	0.0	0.0	
VMP-57-5A	3/7/2025	11:40	0.22	0.15	0.0	0	1.7	18.7	0.0	0.0	0.0	0.0	
VMP-57-5A	3/19/2025	12:46	0.14	0.15	0.0	0	2.0	18.5	0.0	0.0	0.0	0.0	
VMP-57-10	4/23/2024	12:21	0.00	0.00	0.0	0	1.9	18.4	0.0	0.0	0.0	0.0	
VMP-57-10	5/29/2024	12:50	0.00	0.00	0.0	0	2.6	17.4	0.0	0.0	0.0	0.0	
VMP-57-10	6/20/2024	09:01	-0.16	0.00	0.0	0	3.5	16.1	0.0	0.0	0.0	0.0	
VMP-57-10	7/17/2024	12:13	-0.19	0.00	0.0	0	3.0	16.9	0.0	0.0	0.0	0.0	
VMP-57-10	7/17/2024	12:13	NM	NM	0.0	0	2.6	17.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-10	8/27/2024	08:41	-0.22	-0.10	0.0	0	4.6	14.9	0.0	0.0	0.0	0.0	
VMP-57-10	9/19/2024	11:31	0.00	0.00	0.0	0	4.1	16.1	0.0	0.0	0.0	0.0	
VMP-57-10	10/21/2024	14:26	0.22	0.25	0.0	0	4.0	16.6	0.0	0.0	0.0	0.0	
VMP-57-10	11/20/2024	09:36	-0.26	-0.25	0.0	0	3.2	16.1	0.0	0.0	0.0	0.0	
VMP-57-10	11/20/2024	09:36	NM	NM	0.0	0	3.2	16.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-57-10	12/18/2024	09:26	-0.91	-0.78	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-57-10	1/28/2025	13:40	0.46	0.42	0.0	0	2.5	17.9	0.0	0.0	0.0	0.0	
VMP-57-10	2/26/2025	13:41	0.00	0.00	0.0	0	2.0	18.4	0.0	10.8	10.3	0.5	
VMP-57-10	3/7/2025	11:41	0.70	0.61	0.0	0	2.2	18.4	0.0	2.3	2.3	0.0	
VMP-57-10	3/19/2025	13:06	0.50	0.49	0.0	0	2.2	18.3	0.0	0.0	0.0	0.0	
VMP-57-20	4/23/2024	12:22	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-57-20	5/29/2024	12:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-57-20	6/20/2024	09:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-57-20	7/17/2024	12:14	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-57-20	8/27/2024	08:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-57-20	9/19/2024	11:32	0.00	13.31	0.1	3	5.2	11.1	0.0	1150	1150	0.0	
VMP-57-20	10/21/2024	14:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	11/20/2024	09:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	12/18/2024	09:27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	1/28/2025	13:40	11.73	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-57-20	2/26/2025	13:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	3/7/2025	11:42	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	3/19/2025	12:48	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-58-5	4/23/2024	12:00	-0.26	-0.20	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-58-5	5/29/2024	12:40	0.00	0.00	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	
VMP-58-5	6/20/2024	09:15	-0.28	-0.46	0.0	0	1.8	18.1	0.0	0.0	0.0	0.0	
VMP-58-5	7/17/2024	11:54	-0.53	-0.46	0.0	0	1.7	18.5	0.0	0.0	0.0	0.0	
VMP-58-5	8/27/2024	08:22	-0.45	-0.36	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-58-5	9/20/2024	09:20	-0.62	-0.78	0.0	0	3.0	17.8	0.0	0.0	0.0	0.0	
VMP-58-5	10/22/2024	11:55	-0.32	-0.16	0.0	0	3.1	18.1	0.0	0.0	0.0	0.0	
VMP-58-5	11/20/2024	09:15	-0.52	-0.42	0.0	0	2.1	18.4	0.0	0.0	0.0	0.0	
VMP-58-5	12/18/2024	08:57	-1.07	-1.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-58-5	1/28/2025	13:20	0.18	0.23	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	
VMP-58-5	2/26/2025	13:07	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-58-5	3/19/2025	12:25	0.31	0.41	0.0	0	1.1	20.4	0.0	0.0	0.0	0.0	
VMP-58-10	4/23/2024	12:01	-0.19	-0.13	0.0	0	0.7	19.9	0.0	0.0	0.0	0.0	
VMP-58-10	5/29/2024	12:41	0.00	0.00	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	
VMP-58-10	6/20/2024	09:16	-0.26	-0.38	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-58-10	7/17/2024	11:55	-0.48	-0.38	0.0	0	1.9	18.3	0.0	0.0	0.0	0.0	
VMP-58-10	8/27/2024	08:23	-0.43	-0.39	0.0	0	2.6	18.0	0.0	0.0	0.0	0.0	
VMP-58-10	9/20/2024	09:21	-0.50	-0.43	0.0	0	3.0	17.8	0.0	0.0	0.0	0.0	
VMP-58-10	10/22/2024	11:56	-0.19	0.00	0.0	0	3.1	18.1	0.0	0.0	0.0	0.0	
VMP-58-10	11/20/2024	09:16	-0.55	-0.45	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-58-10	12/18/2024	08:58	-1.10	-1.05	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-58-10	12/18/2024	08:58	NM	NM	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-10	1/28/2025	13:20	0.22	0.29	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-58-10	2/26/2025	13:08	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-58-10	3/19/2025	12:25	0.35	0.44	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-58-20	4/23/2024	12:02	-0.13	0.00	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-58-20	5/29/2024	12:42	0.00	0.00	0.0	0	1.2	19.3	0.0	0.0	0.0	0.0	
VMP-58-20	6/20/2024	09:17	-0.26	-0.32	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	
VMP-58-20	6/20/2024	09:17	NM	NM	0.0	0	1.4	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-20	7/17/2024	11:56	-0.44	-0.35	0.0	0	1.7	18.4	0.0	0.0	0.0	0.0	
VMP-58-20	8/27/2024	08:24	-0.42	-0.30	0.0	0	2.4	18.1	0.0	0.0	0.0	0.0	
VMP-58-20	9/20/2024	09:22	-0.49	-0.42	0.0	0	2.7	17.9	0.0	0.0	0.0	0.0	
VMP-58-20	10/22/2024	11:57	0.00	0.15	0.0	0	3.0	18.1	0.0	0.0	0.0	0.0	
VMP-58-20	11/20/2024	09:17	-0.65	-0.50	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-58-20	12/18/2024	08:59	-1.20	-1.15	0.0	0	2.3	18.7	0.0	0.0	0.0	0.0	
VMP-58-20	1/28/2025	13:20	0.32	0.38	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	
VMP-58-20	2/26/2025	13:09	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-58-20	2/26/2025	13:09	NM	NM	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-20	3/19/2025	12:27	0.39	0.54	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-58-30	4/23/2024	12:03	-0.15	0.00	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-58-30	5/29/2024	12:43	0.00	0.00	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-58-30	6/20/2024	09:18	-0.30	-0.36	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	
VMP-58-30	7/17/2024	11:57	-0.51	-0.42	0.0	0	1.8	18.2	0.0	0.0	0.0	0.0	
VMP-58-30	8/27/2024	08:25	-0.49	-0.39	0.0	0	2.3	17.9	0.0	0.0	0.0	0.0	
VMP-58-30	9/20/2024	09:23	-0.59	-0.51	0.0	0	2.7	17.5	0.0	0.0	0.0	0.0	
VMP-58-30	10/22/2024	11:58	0.00	0.15	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-58-30	11/20/2024	09:18	-0.74	-0.56	0.0	0	3.1	17.9	0.0	0.0	0.0	0.0	
VMP-58-30	12/18/2024	09:00	-1.32	-1.09	0.0	0	2.4	18.6	0.0	0.0	0.0	0.0	
VMP-58-30	1/28/2025	13:20	0.17	0.21	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-58-30	2/26/2025	13:10	0.00	0.00	0.0	0	2.0	19.1	0.0	0.0	0.0	0.0	
VMP-58-30	3/19/2025	12:28	0.33	0.40	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	
VMP-58-30	3/19/2025	12:28	NM	NM	0.0	0	1.7	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-5	4/23/2024	11:45	-0.16	-0.14	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-59-5	5/29/2024	12:27	-0.09	-0.10	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-59-5	6/20/2024	09:35	-0.14	-0.22	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-59-5	7/17/2024	11:38	-0.25	-0.15	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-59-5	8/27/2024	08:01	0.00	-0.20	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-59-5	8/27/2024	08:01	NM	NM	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-5	9/19/2024	11:10	-0.20	-0.15	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-59-5	10/22/2024	11:40	-0.17	-0.09	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-59-5	11/20/2024	09:00	-0.33	-0.62	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	12/18/2024	08:35	-0.61	-0.58	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	1/28/2025	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-59-5	2/26/2025	12:28	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-59-5	3/19/2025	11:55	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	4/23/2024	11:46	-0.45	-0.15	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-59-10	5/29/2024	12:28	-0.37	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-59-10	6/20/2024	09:36	-0.19	-0.24	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-59-10	7/17/2024	11:39	-0.24	-0.15	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-59-10	8/27/2024	08:02	-0.28	-0.20	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-59-10	9/19/2024	11:11	-0.19	-0.17	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-59-10	10/22/2024	11:41	-0.17	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-59-10	11/20/2024	09:01	-0.33	-2.63	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	12/18/2024	08:36	-0.63	-0.57	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	1/28/2025	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-59-10	2/26/2025	12:29	-0.20	-0.10	0.0	0	0.1	20.8	0.0	2.0	1.7	0.3	
VMP-59-10	3/19/2025	11:56	0.00	0.10	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-59-20	4/23/2024	11:47	-0.74	-0.53	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-59-20	5/29/2024	12:29	-0.15	-0.61	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-59-20	5/29/2024	12:29	NM	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-20	6/20/2024	09:37	-0.80	-1.08	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-59-20	7/17/2024	11:40	-0.22	-0.60	0.0	0	0.9	19.8	0.0	0.0	0.0	0.0	
VMP-59-20	8/27/2024	08:03	-0.92	-0.65	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-59-20	9/19/2024	11:12	-1.07	-0.62	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-59-20	10/22/2024	11:42	-0.97	-0.52	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-59-20	11/20/2024	09:02	-1.26	-1.33	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-59-20	12/18/2024	08:37	-1.92	-1.91	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	1/28/2025	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-59-20	2/26/2025	12:30	-0.84	-0.72	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-59-20	3/19/2025	11:57	-0.33	-0.19	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-59-30	4/23/2024	11:48	-0.18	-0.16	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-59-30	5/29/2024	12:30	0.00	-0.14	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-59-30	6/20/2024	09:30	-0.17	-0.28	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-59-30	7/17/2024	11:41	-0.23	-0.19	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-59-30	8/27/2024	08:04	-0.31	-0.21	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-59-30	9/19/2024	11:13	-0.20	-0.20	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-59-30	10/22/2024	11:43	-0.19	-0.11	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-59-30	11/20/2024	09:03	-0.33	-0.81	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	12/18/2024	08:38	-0.60	-0.60	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-59-30	12/18/2024	08:38	NM	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-30	1/28/2025	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-59-30	2/26/2025	12:31	-0.22	-0.09	0.0	0	0.1	20.9	0.0	2.0	1.5	0.5	
VMP-59-30	3/19/2025	11:58	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-60-5	4/22/2024	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-60-5	5/29/2024	08:16	0.00	-0.13	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-60-5	6/19/2024	08:55	-0.12	0.00	0.0	0	1.1	19.0	0.0	0.0	0.0	0.0	
VMP-60-5	7/18/2024	11:14	-0.11	0.00	0.0	0	1.8	18.6	0.0	0.0	0.0	0.0	
VMP-60-5	8/26/2024	09:00	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-60-5	9/19/2024	09:30	-0.16	-0.11	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-60-5	10/21/2024	09:20	0.00	0.00	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-60-5	11/21/2024	11:15	-0.27	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-60-5	12/19/2024	08:37	-0.26	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-60-5	1/28/2025	11:30	0.00	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-60-5	2/26/2025	11:05	-0.14	0.00	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-60-5	2/26/2025	11:05	NM	NM	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-5	3/19/2025	10:40	0.00	-0.03	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-60-10	4/22/2024	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-60-10	5/29/2024	08:17	0.00	-0.09	0.0	0	1.0	19.2	0.0	0.0	0.0	0.0	
VMP-60-10	6/19/2024	08:56	-0.11	0.00	0.0	0	1.1	19.0	0.0	0.0	0.0	0.0	
VMP-60-10	7/18/2024	11:15	0.00	0.00	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-60-10	8/26/2024	09:01	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-60-10	9/19/2024	09:31	-0.10	0.00	0.0	0	0.4	20.2	0.0	0.0	0.0	0.0	
VMP-60-10	10/21/2024	09:21	0.00	0.00	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-60-10	11/21/2024	11:16	-0.35	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	12/19/2024	08:38	-0.35	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	1/28/2025	11:31	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-10	2/26/2025	11:06	-0.13	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-60-10	3/19/2025	10:41	0.00	-0.08	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-60-20	4/22/2024	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-60-20	5/29/2024	08:18	-0.09	-0.09	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-60-20	6/19/2024	08:57	-0.10	0.00	0.0	0	1.3	18.6	0.0	0.0	0.0	0.0	
VMP-60-20	7/18/2024	11:16	0.00	0.00	0.0	0	2.0	18.3	0.0	0.0	0.0	0.0	
VMP-60-20	8/26/2024	09:02	0.27	0.00	0.0	0	1.9	19.0	0.0	0.0	0.0	0.0	
VMP-60-20	9/19/2024	09:32	-0.16	-0.10	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-60-20	10/21/2024	09:22	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-60-20	11/21/2024	11:17	-0.33	-0.10	0.0	0	0.7	20.5	0.0	2.5	2.3	0.2	
VMP-60-20	12/19/2024	08:39	-0.26	0.00	0.0	0	0.4	20.4	0.0	1.9	0.0	1.9	
VMP-60-20	1/28/2025	11:32	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-60-20	2/26/2025	11:07	-0.13	0.00	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-60-20	3/19/2025	10:42	0.00	-0.16	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-60-33.5	4/22/2024	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-60-33.5	5/29/2024	08:19	0.00	-0.13	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-60-33.5	6/19/2024	08:58	-0.12	0.00	0.0	0	1.1	19.1	0.0	0.0	0.0	0.0	
VMP-60-33.5	7/18/2024	11:17	-0.65	0.00	0.0	0	1.8	18.7	0.0	0.0	0.0	0.0	
VMP-60-33.5	8/26/2024	09:03	0.16	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-60-33.5	9/19/2024	09:33	-0.15	-0.10	0.0	0	0.7	20.0	0.0	0.0	0.0	0.0	
VMP-60-33.5	10/21/2024	09:23	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-60-33.5	11/21/2024	11:18	-0.77	0.00	0.0	0	0.5	20.6	0.0	2.1	2.1	0.0	
VMP-60-33.5	12/19/2024	08:40	-0.27	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-60-33.5	12/19/2024	08:40	NM	NM	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-33.5	1/28/2025	11:33	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-33.5	2/26/2025	11:08	-0.16	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-60-33.5	3/19/2025	10:43	-0.80	-0.09	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-61-5	4/23/2024	12:35	0.00	0.00	0.0	0	3.1	17.4	0.0	0.0	0.0	0.0	
VMP-61-5	5/29/2024	12:58	0.00	0.00	0.0	0	4.5	15.5	0.0	0.0	0.0	0.0	
VMP-61-5	6/20/2024	08:15	0.00	0.00	0.0	0	5.2	15.0	0.0	0.0	0.0	0.0	
VMP-61-5	7/17/2024	12:27	0.00	0.00	0.0	0	4.9	14.5	0.0	0.0	0.0	0.0	
VMP-61-5	8/27/2024	09:00	0.00	0.00	0.0	0	6.6	13.5	0.0	0.0	0.0	0.0	
VMP-61-5	9/19/2024	11:50	0.00	0.00	0.0	0	7.2	12.9	0.0	0.0	0.0	0.0	
VMP-61-5	10/22/2024	12:15	0.12	0.17	0.0	0	5.6	15.0	0.0	0.0	0.0	0.0	
VMP-61-5	11/20/2024	09:50	-0.10	0.00	0.0	0	5.6	13.9	0.0	0.0	0.0	0.0	
VMP-61-5	12/18/2024	09:43	-0.44	-0.39	0.0	0	3.7	17.8	0.0	0.0	0.0	0.0	
VMP-61-5	1/28/2025	14:05	0.19	0.23	0.0	0	2.8	18.0	0.0	0.0	0.0	0.0	
VMP-61-5	2/26/2025	13:51	0.00	0.00	0.0	0	2.3	18.6	0.0	0.0	0.0	0.0	
VMP-61-5	3/7/2025	11:25	0.00	0.33	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-61-5	3/19/2025	13:05	0.32	0.32	0.0	0	2.6	18.0	0.0	0.0	0.0	0.0	
VMP-61-10	4/23/2024	12:36	0.17	0.00	0.0	0	2.8	17.4	0.0	0.0	0.0	0.0	
VMP-61-10	5/29/2024	12:59	0.00	0.00	0.0	0	3.0	17.1	0.0	0.0	0.0	0.0	
VMP-61-10	6/20/2024	08:16	0.00	0.00	0.0	0	3.2	17.1	0.0	0.0	0.0	0.0	
VMP-61-10	7/17/2024	12:28	0.00	0.00	0.0	0	3.5	16.5	0.0	0.0	0.0	0.0	
VMP-61-10	8/27/2024	09:01	0.00	0.00	0.0	0	4.4	15.3	0.0	0.0	0.0	0.0	
VMP-61-10	9/19/2024	11:51	0.00	0.13	0.0	0	4.6	15.2	0.0	0.0	0.0	0.0	
VMP-61-10	10/22/2024	12:16	NM	NM	0.0	0	4.4	15.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-61-10	10/22/2024	12:16	0.18	0.30	0.0	0	4.3	15.5	0.0	0.0	0.0	0.0	
VMP-61-10	11/20/2024	09:51	-0.13	0.00	0.0	0	4.4	15.0	0.0	0.0	0.0	0.0	
VMP-61-10	12/18/2024	09:44	-0.59	-0.57	0.0	0	3.4	16.7	0.0	0.0	0.0	0.0	
VMP-61-10	1/28/2025	14:05	0.33	0.34	0.0	0	3.5	16.5	0.0	0.0	0.0	0.0	
VMP-61-10	2/26/2025	13:52	0.00	0.00	0.0	0	2.7	17.3	0.0	0.0	0.0	0.0	
VMP-61-10	3/7/2025	11:26	0.24	0.56	0.0	0	3.0	17.0	0.0	0.0	0.0	0.0	
VMP-61-10	3/19/2025	13:06	0.50	0.49	0.0	0	2.8	17.2	0.0	0.0	0.0	0.0	
VMP-61-20	4/23/2024	12:37	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	5/29/2024	13:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	6/20/2024	08:17	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	7/17/2024	12:29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	8/27/2024	09:02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	9/19/2024	11:51	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	10/22/2024	12:18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	11/20/2024	09:52	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	12/18/2024	09:45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	1/28/2025	14:05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	2/26/2025	13:54	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	3/7/2025	11:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.
VMP-61-20	3/19/2025	13:07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to port integrity.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-61-30	4/23/2024	12:38	0.00	0.00	0.0	0	3.7	16.4	0.0	0.0	0.0	0.0	
VMP-61-30	5/29/2024	13:01	0.00	0.00	0.0	0	4.5	15.6	0.0	0.0	0.0	0.0	
VMP-61-30	6/20/2024	08:18	0.76	0.00	0.0	0	4.8	15.4	2.0	0.0	0.0	0.0	
VMP-61-30	7/17/2024	12:31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/27/2024	09:02	0.00	0.00	0.0	0	7.1	12.8	0.0	0.0	0.0	0.0	
VMP-61-30	9/19/2024	11:52	0.00	0.10	0.0	0	7.1	12.8	0.0	0.0	0.0	0.0	
VMP-61-30	10/22/2024	12:17	0.10	0.17	0.0	0	6.4	13.8	0.0	0.0	0.0	0.0	
VMP-61-30	11/20/2024	09:53	-10.76	0.00	0.0	0	4.9	14.0	0.0	0.0	0.0	0.0	
VMP-61-30	12/18/2024	09:46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	1/28/2025	14:05	7.55	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-61-30	2/26/2025	13:53	1.36	-0.11	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-61-30	3/7/2025	11:27	-0.42	0.21	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-61-30	3/19/2025	13:08	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-62-5	4/24/2024	09:10	0.00	0.00	0.0	0	4.1	15.8	0.0	0.0	0.0	0.0	
VMP-62-5	5/29/2024	14:02	0.00	0.00	0.0	0	6.5	13.6	0.0	0.0	0.0	0.0	
VMP-62-5	6/20/2024	11:50	0.00	0.00	0.0	0	8.5	13.2	0.0	0.0	0.0	0.0	
VMP-62-5	7/18/2024	13:50	0.00	0.00	0.0	0	9.8	10.2	0.0	0.0	0.0	0.0	
VMP-62-5	8/27/2024	11:00	0.00	0.00	0.0	0	7.9	13.9	0.0	0.0	0.0	0.0	
VMP-62-5	8/27/2024	11:00	NM	NM	0.0	0	7.8	14.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-5	9/19/2024	13:30	0.00	0.00	0.0	0	6.0	15.6	0.0	0.0	0.0	0.0	
VMP-62-5	10/23/2024	09:46	0.00	0.00	0.0	0	4.4	17.1	0.0	0.0	0.0	0.0	
VMP-62-5	11/20/2024	11:20	0.00	0.00	0.0	0	3.7	16.8	0.0	0.0	0.0	0.0	
VMP-62-5	12/18/2024	11:37	-0.09	0.00	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-62-5	1/29/2025	09:55	0.00	0.00	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-62-5	2/27/2025	08:27	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-62-5	3/20/2025	10:24	0.00	0.00	0.0	0	1.6	19.0	0.0	4.7	4.7	0.0	
VMP-62-10	4/24/2024	09:11	0.00	0.00	0.0	0	3.4	17.3	0.0	0.0	0.0	0.0	
VMP-62-10	5/29/2024	14:03	0.00	-0.18	0.0	0	4.8	15.1	0.0	0.0	0.0	0.0	
VMP-62-10	6/20/2024	11:51	0.00	0.00	0.0	0	6.0	14.4	0.0	0.0	0.0	0.0	
VMP-62-10	7/18/2024	13:51	0.00	0.00	0.0	0	7.1	13.4	0.0	0.0	0.0	0.0	
VMP-62-10	8/27/2024	11:01	0.00	0.00	0.0	0	7.4	14.1	0.0	0.0	0.0	0.0	
VMP-62-10	9/19/2024	13:31	0.00	0.00	0.0	0	6.7	15.3	0.0	0.0	0.0	0.0	
VMP-62-10	10/23/2024	09:47	0.00	0.00	0.0	0	5.8	15.8	0.0	0.0	0.0	0.0	
VMP-62-10	11/20/2024	11:21	0.00	0.00	0.0	0	4.5	17.0	0.0	0.0	0.0	0.0	
VMP-62-10	12/18/2024	11:38	-0.11	0.00	0.0	0	3.9	17.6	0.0	0.0	0.0	0.0	
VMP-62-10	1/29/2025	09:56	0.00	0.00	0.0	0	3.0	18.5	0.0	0.0	0.0	0.0	
VMP-62-10	1/29/2025	09:56	NM	NM	0.0	0	3.1	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	2/27/2025	08:28	0.00	0.00	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-62-10	3/20/2025	10:25	0.00	0.00	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-62-10	3/20/2025	10:25	NM	NM	0.0	0	2.6	18.7	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-62-20	4/24/2024	09:12	-0.22	-0.37	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	
VMP-62-20	5/29/2024	14:04	-0.11	-0.12	0.0	0	3.5	16.8	0.0	0.0	0.0	0.0	
VMP-62-20	6/20/2024	11:52	-0.28	-0.26	0.0	0	4.3	15.9	0.0	0.0	0.0	0.0	
VMP-62-20	7/18/2024	13:52	0.00	-0.15	0.0	0	5.3	15.0	0.0	0.0	0.0	0.0	
VMP-62-20	8/27/2024	11:24	-0.36	-0.37	0.0	0	5.9	15.1	0.0	0.0	0.0	0.0	
VMP-62-20	9/19/2024	13:32	-0.18	0.10	0.0	0	6.1	15.8	0.0	0.0	0.0	0.0	
VMP-62-20	10/23/2024	09:48	-0.60	-0.67	0.0	0	5.7	15.9	0.0	0.0	0.0	0.0	
VMP-62-20	11/20/2024	11:22	-1.10	-0.35	0.0	0	4.6	16.9	0.0	0.0	0.0	0.0	
VMP-62-20	12/18/2024	11:39	-0.90	-1.45	0.0	0	4.0	17.7	0.0	0.0	0.0	0.0	
VMP-62-20	1/29/2025	09:57	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-62-20	2/27/2025	08:29	-0.33	-0.24	0.0	0	2.6	18.9	0.0	0.0	0.0	0.0	
VMP-62-20	3/20/2025	10:26	-0.72	-0.66	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-62-30	4/24/2024	09:13	-0.59	-0.99	0.0	0	1.9	19.0	0.0	0.0	0.0	0.0	
VMP-62-30	5/29/2024	14:05	-0.16	0.00	0.0	0	2.3	18.3	0.0	0.0	0.0	0.0	
VMP-62-30	6/20/2024	11:53	-0.34	-0.33	0.0	0	2.3	17.9	0.0	0.0	0.0	0.0	
VMP-62-30	7/18/2024	13:53	0.00	0.00	0.0	0	2.7	17.3	0.0	0.0	0.0	0.0	
VMP-62-30	8/27/2024	11:03	0.00	-0.20	0.0	0	2.8	17.4	0.0	0.0	0.0	0.0	
VMP-62-30	9/19/2024	13:23	0.00	0.00	0.0	0	3.1	17.4	0.0	0.0	0.0	0.0	
VMP-62-30	10/23/2024	09:49	-1.09	-1.13	0.0	0	3.8	17.1	0.0	0.0	0.0	0.0	
VMP-62-30	11/20/2024	11:23	-0.18	0.11	0.0	0	3.3	17.7	0.0	0.0	0.0	0.0	
VMP-62-30	12/18/2024	11:40	-0.13	-0.50	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-62-30	1/29/2025	09:58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-62-30	2/27/2025	08:30	-0.51	-0.11	0.0	0	2.5	18.3	0.0	0.0	0.0	0.0	
VMP-62-30	3/20/2025	10:27	-1.23	-1.15	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-63-5	4/23/2024	13:40	-0.19	-0.25	0.0	0	0.8	19.7	0.0	12.5	11.3	1.2	
VMP-63-5	5/29/2024	13:46	-0.30	0.00	0.0	0	2.1	19.3	0.0	52.7	52.7	0.0	
VMP-63-5	5/29/2024	13:46	NM	NM	0.0	0	2.1	19.3	0.0	54.2	53.0	1.2	Duplicate sample.
VMP-63-5	6/20/2024	10:45	0.00	0.00	0.0	0	3.1	18.1	4.3	3.1	3.1	0.0	
VMP-63-5	7/17/2024	14:19	0.00	0.00	0.0	0	3.0	17.2	0.0	3.0	2.6	0.4	
VMP-63-5	7/17/2024	14:19	NM	NM	0.0	0	3.0	17.2	0.0	3.5	3.1	0.4	Duplicate sample.
VMP-63-5	8/27/2024	10:35	0.00	0.00	0.0	0	2.4	18.8	0.0	0.0	0.0	0.0	
VMP-63-5	9/19/2024	12:50	0.00	0.00	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
VMP-63-5	10/22/2024	13:10	0.00	0.00	0.0	0	1.6	19.4	0.0	0.0	0.0	0.0	
VMP-63-5	11/20/2024	10:50	-0.27	0.34	0.0	0	0.6	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	12/18/2024	10:45	-0.20	-0.10	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	1/29/2025	09:38	-0.12	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	2/27/2025	08:12	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	3/7/2025	11:55	0.17	0.11	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	3/20/2025	09:59	-0.09	-0.19	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-63-10	4/23/2024	13:41	-1.20	-0.47	0.0	0	0.8	19.8	0.0	13.8	13.8	0.0	
VMP-63-10	5/29/2024	13:47	0.00	0.00	0.0	0	1.7	19.5	0.2	212	202	10.0	
VMP-63-10	6/20/2024	10:46	0.00	0.00	0.0	0	2.4	18.3	4.8	3.0	3.0	0.0	
VMP-63-10	7/17/2024	14:20	-0.83	0.00	0.0	0	2.7	17.8	0.0	3.4	3.2	0.2	
VMP-63-10	8/27/2024	10:36	0.00	0.00	0.0	0	2.7	18.8	0.0	0.0	0.0	0.0	
VMP-63-10	9/19/2024	12:51	0.00	0.00	0.0	0	2.0	19.4	1.6	88.7	88.7	0.0	
VMP-63-10	10/22/2024	13:11	0.00	0.00	0.0	0	2.2	19.2	0.0	0.0	0.0	0.0	
VMP-63-10	11/20/2024	10:51	0.00	0.00	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
VMP-63-10	12/18/2024	10:46	-0.33	-0.20	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	1/29/2025	09:39	-0.37	-0.25	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-63-10	2/27/2025	08:13	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	3/7/2025	11:56	0.10	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	3/20/2025	10:00	-0.20	-0.09	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-63-20	4/23/2024	13:42	0.00	-0.65	0.0	0	0.9	19.6	0.0	31.1	31.1	0.0	
VMP-63-20	5/29/2024	13:48	-0.22	0.00	0.0	0	1.6	19.0	0.1	159	159	0.0	
VMP-63-20	6/20/2024	10:47	0.00	0.12	0.0	0	2.5	18.5	4.3	0.0	0.0	0.0	
VMP-63-20	7/17/2024	14:21	0.00	0.00	0.0	0	2.6	17.8	0.0	0.0	0.0	0.0	
VMP-63-20	8/27/2024	10:37	0.00	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-63-20	9/19/2024	12:52	0.00	0.00	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-63-20	10/22/2024	13:12	NM	NM	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	10/22/2024	13:12	0.00	0.00	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-63-20	11/20/2024	10:52	0.00	0.00	0.0	0	1.1	20.3	0.0	0.0	0.0	0.0	
VMP-63-20	11/20/2024	10:52	NM	NM	0.0	0	1.1	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	12/18/2024	10:47	-0.28	0.00	0.0	0	0.7	20.6	0.0	0.0	0.0	0.0	
VMP-63-20	12/18/2024	10:47	NM	NM	0.0	0	0.7	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	1/29/2025	09:40	-0.12	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-63-20	2/27/2025	08:14	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-63-20	3/7/2025	11:57	0.00	0.00	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-63-20	3/20/2025	10:01	-0.31	-0.15	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-63-30	4/23/2024	13:43	-0.15	-0.24	0.0	0	1.0	19.6	0.2	17.9	17.9	0.0	
VMP-63-30	5/29/2024	13:49	-0.31	0.00	0.0	0	1.8	19.4	0.1	111	111	0.0	
VMP-63-30	6/20/2024	10:48	-0.44	-0.22	0.0	0	2.4	18.6	4.5	0.0	0.0	0.0	
VMP-63-30	7/17/2024	14:22	0.00	0.00	0.0	0	2.5	17.8	0.0	7.4	6.9	0.5	
VMP-63-30	8/27/2024	10:30	0.00	0.00	0.0	0	2.2	18.7	0.0	0.0	0.0	0.0	
VMP-63-30	9/19/2024	12:53	0.00	0.00	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-63-30	10/22/2024	13:13	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-63-30	11/20/2024	10:53	0.00	0.00	0.0	0	1.2	20.2	0.0	0.0	0.0	0.0	
VMP-63-30	12/18/2024	10:48	-0.19	-0.11	0.0	0	0.9	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	1/29/2025	09:41	-0.17	-0.14	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	1/29/2025	09:41	NM	NM	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	2/27/2025	08:15	0.00	0.00	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	
VMP-63-30	3/7/2025	11:58	0.17	0.12	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-63-30	3/20/2025	10:22	-0.46	-0.23	0.0	0	0.8	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 ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-64-5	4/23/2024	13:20	0.00	0.00	0.0	0	2.2	17.8	0.0	0.0	0.0	0.0	
VMP-64-5	5/29/2024	13:09	0.00	0.00	0.0	0	3.0	17.9	0.0	0.0	0.0	0.0	
VMP-64-5	6/20/2024	10:20	0.00	0.00	0.0	0	3.7	17.5	0.0	0.0	0.0	0.0	
VMP-64-5	7/17/2024	13:58	0.00	0.00	0.0	0	3.2	15.8	0.0	0.0	0.0	0.0	
VMP-64-5	8/26/2024	09:25	0.00	0.00	0.0	0	3.3	17.4	0.0	0.0	0.0	0.0	
VMP-64-5	9/19/2024	12:05	0.00	0.00	0.0	0	1.9	19.8	0.0	0.0	0.0	0.0	
VMP-64-5	10/22/2024	12:40	0.00	0.00	0.0	0	5.8	14.9	0.0	0.0	0.0	0.0	
VMP-64-5	11/20/2024	10:35	0.00	0.00	0.0	0	1.7	20.4	0.0	0.0	0.0	0.0	
VMP-64-5	12/18/2024	10:25	-0.09	0.00	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-64-5	1/29/2025	09:18	0.00	0.00	0.0	0	0.8	20.6	0.0	5.0	5.0	0.0	
VMP-64-5	2/27/2025	07:56	0.00	0.00	0.0	0	0.8	20.7	0.0	185	174	11.1	
VMP-64-5	2/27/2025	13:54	0.00	NM	0.0	0	0.8	20.4	0.0	342	324	18.0	Re-sampled due to elevated concentrations.
VMP-64-5	3/3/2025	11:35	0.00	NM	0.3	6	1.2	19.1	0.0	2005	1938	67.0	
VMP-64-5	3/7/2025	11:05	0.09	0.00	0.0	0	2.6	17.8	0.0	558	511	47.0	
VMP-64-5	3/11/2025	12:25	0.00	NM	0.0	0	1.6	19.7	0.0	558	528	30.0	
VMP-64-5	3/19/2025	13:35	0.10	0.00	0.0	0	2.9	17.8	0.0	7.5	5.9	1.6	
VMP-64-5	3/25/2025	11:54	0.00	NM	0.0	0	0.8	20.6	0.0	7.6	7.6	0.0	
VMP-64-10	4/23/2024	13:21	0.00	0.00	0.0	0	3.2	17.7	0.0	0.0	0.0	0.0	
VMP-64-10	5/29/2024	13:10	0.00	0.00	0.0	0	3.2	16.7	0.0	0.0	0.0	0.0	
VMP-64-10	6/10/2024	10:21	0.00	0.00	0.0	0	3.7	16.2	0.0	0.0	0.0	0.0	
VMP-64-10	7/17/2024	13:59	0.00	0.12	0.0	0	3.5	14.6	0.0	0.0	0.0	0.0	
VMP-64-10	8/27/2024	09:26	0.00	0.00	0.0	0	5.7	14.1	0.0	0.0	0.0	0.0	
VMP-64-10	9/19/2024	12:06	0.00	0.00	0.0	0	5.5	15.2	0.0	0.0	0.0	0.0	
VMP-64-10	10/22/2024	12:41	0.00	0.10	0.0	0	5.7	15.0	0.0	0.0	0.0	0.0	
VMP-64-10	11/20/2024	10:36	0.00	0.12	0.0	0	3.1	18.0	0.0	0.0	0.0	0.0	
VMP-64-10	12/18/2024	10:26	-0.20	0.00	0.0	0	2.2	19.2	0.0	0.0	0.0	0.0	
VMP-64-10	1/29/2025	09:19	-0.23	-0.13	0.0	0	2.1	19.5	0.0	2.4	2.4	0.0	
VMP-64-10	2/27/2025	07:57	0.00	0.00	0.0	0	1.9	19.4	0.0	17.0	17.0	0.0	
VMP-64-10	2/27/2025	13:55	0.00	0.00	0.0	0	2.2	18.7	0.0	41.6	41.1	0.5	Re-sampled due to elevated concentrations.
VMP-64-10	3/3/2025	11:36	0.00	NM	0.1	2	2.9	18.0	0.1	768	753	15.0	
VMP-64-10	3/7/2025	11:06	0.13	0.15	0.0	0	3.3	17.6	0.0	405	357	48.0	
VMP-64-10	3/11/2025	12:26	0.33	NM	0.0	0	2.6	18.4	0.0	462	409	53.0	
VMP-64-10	3/19/2025	13:36	0.42	0.00	0.0	0	3.2	17.6	0.0	3.8	2.3	1.5	
VMP-64-10	3/25/2025	11:55	0.00	NM	0.0	0	2.0	19.5	0.0	15.7	15.1	0.6	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-64-20	4/23/2024	13:22	0.00	-0.43	0.0	0	3.8	16.7	0.0	0.0	0.0	0.0	
VMP-64-20	5/29/2024	13:11	0.00	-0.24	0.0	0	2.2	18.6	0.0	0.0	0.0	0.0	
VMP-64-20	6/20/2024	10:22	0.26	0.00	0.0	0	3.7	16.6	0.0	0.0	0.0	0.0	
VMP-64-20	7/17/2024	14:00	0.00	0.12	0.0	0	2.0	18.5	0.0	0.0	0.0	0.0	
VMP-64-20	8/27/2024	09:27	0.00	0.00	0.0	0	2.6	17.8	0.0	0.0	0.0	0.0	
VMP-64-20	8/27/2024	09:27	0.00	0.00	0.0	0	2.6	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	9/19/2024	12:07	0.00	0.00	0.0	0	2.7	17.8	0.0	0.0	0.0	0.0	
VMP-64-20	10/22/2024	12:42	0.22	0.26	0.0	0	4.2	15.8	0.0	0.0	0.0	0.0	
VMP-64-20	11/20/2024	10:37	0.00	0.19	0.0	0	4.3	15.6	0.0	0.0	0.0	0.0	
VMP-64-20	12/18/2024	10:27	-0.39	-0.12	0.0	0	2.9	17.6	0.0	0.0	0.0	0.0	
VMP-64-20	1/29/2025	09:20	-0.45	-0.28	0.0	0	3.1	17.4	0.0	0.0	0.0	0.0	
VMP-64-20	2/27/2025	07:58	-0.20	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	
VMP-64-20	2/27/2025	07:58	NM	NM	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	3/3/2025	11:37	0.00	NM	0.0	0	1.6	19.2	0.0	15.1	12.7	2.4	
VMP-64-20	3/7/2025	11:07	0.53	0.16	0.0	0	1.9	18.8	0.0	48.0	44.4	3.6	
VMP-64-20	3/11/2025	12:27	0.00	NM	0.0	0	1.5	19.4	0.0	7.5	7.5	0.0	
VMP-64-20	3/19/2025	13:37	0.56	0.15	0.0	0	2.0	18.6	0.0	2.7	2.3	0.4	
VMP-64-20	3/25/2025	11:56	-0.09	NM	0.0	0	3.9	16.8	0.0	2.8	2.6	0.2	
VMP-64-28	4/23/2024	13:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/29/2024	13:12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/20/2024	10:23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/17/2024	14:01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/27/2024	09:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/19/2024	12:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/22/2024	12:43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/20/2024	10:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/18/2024	10:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/29/2025	09:21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/27/2025	07:59	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/3/2025	11:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/7/2025	11:08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/11/2025	12:28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/19/2025	13:38	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-65-10	4/23/2024	09:10	0.00	-0.11	0.0	0	4.2	15.4	0.0	0.0	0.0	0.0	
VMP-65-10	5/29/2024	10:26	0.00	-0.16	0.0	0	4.6	13.6	0.0	0.0	0.0	0.0	
VMP-65-10	6/19/2024	13:00	-0.41	-0.36	0.0	0	3.1	17.4	0.0	0.0	0.0	0.0	
VMP-65-10	7/18/2024	08:27	-0.98	-0.89	0.0	0	3.0	17.6	0.0	0.0	0.0	0.0	
VMP-65-10	8/26/2024	12:41	0.25	0.19	0.0	0	4.4	14.2	0.0	0.0	0.0	0.0	
VMP-65-10	8/26/2024	12:41	NM	NM	0.0	0	4.4	14.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-65-10	9/18/2024	12:05	-0.47	-0.34	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	
VMP-65-10	10/21/2024	12:30	-0.42	-0.39	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-65-10	11/21/2024	08:55	-0.78	-0.80	0.0	0	3.6	15.5	0.2	0.0	0.0	0.0	
VMP-65-10	12/19/2024	12:00	0.36	0.53	0.0	0	3.6	14.9	0.0	0.0	0.0	0.0	
VMP-65-10	1/28/2025	09:25	-0.32	-0.19	0.0	0	3.7	15.2	0.0	0.0	0.0	0.0	
VMP-65-10	2/26/2025	09:18	-0.30	-0.34	0.0	0	2.9	16.2	0.0	0.0	0.0	0.0	
VMP-65-10	3/19/2025	09:40	-0.11	0.00	0.0	0	2.0	17.9	0.0	0.0	0.0	0.0	
VMP-65-20	4/23/2024	09:11	0.00	-0.10	0.0	0	6.6	12.4	0.0	0.0	0.0	0.0	
VMP-65-20	5/29/2024	10:27	0.00	-0.52	0.0	0	7.0	11.0	0.0	0.0	0.0	0.0	
VMP-65-20	6/19/2024	13:01	-0.45	-0.40	0.0	0	7.1	11.7	0.0	0.0	0.0	0.0	
VMP-65-20	7/18/2024	08:27	-1.03	-0.95	0.0	0	7.2	12.3	0.0	0.0	0.0	0.0	
VMP-65-20	8/26/2024	12:42	0.25	0.18	0.0	0	7.6	10.6	0.0	0.0	0.0	0.0	
VMP-65-20	9/18/2024	12:06	-0.51	-0.37	0.0	0	6.3	13.5	0.0	0.0	0.0	0.0	
VMP-65-20	10/21/2024	12:31	-0.49	-0.43	0.0	0	4.1	15.6	0.0	0.0	0.0	0.0	
VMP-65-20	11/21/2024	08:56	-0.84	-0.74	0.0	0	8.5	9.5	0.2	0.0	0.0	0.0	
VMP-65-20	12/19/2024	12:01	0.35	0.54	0.0	0	6.4	11.8	0.0	0.0	0.0	0.0	
VMP-65-20	1/28/2025	09:26	-0.33	-0.20	0.0	0	8.0	9.7	0.0	0.0	0.0	0.0	
VMP-65-20	2/26/2025	09:19	-0.91	-0.37	0.0	0	7.0	10.7	0.0	0.0	0.0	0.0	
VMP-65-20	3/19/2025	08:41	-0.16	-0.25	0.0	0	6.1	12.9	0.0	0.0	0.0	0.0	
VMP-65-30	4/23/2024	09:12	0.00	-0.12	0.0	0	9.1	8.2	0.0	0.0	0.0	0.0	
VMP-65-30	5/29/2024	10:28	-0.46	-0.33	0.0	0	8.5	8.2	0.0	0.0	0.0	0.0	
VMP-65-30	6/19/2024	13:32	-0.46	-0.41	0.0	0	9.5	7.5	0.0	0.0	0.0	0.0	
VMP-65-30	6/19/2024	13:32	NM	NM	0.0	0	9.6	7.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-65-30	7/18/2024	08:29	-0.99	-0.97	0.0	0	8.2	10.0	0.0	0.0	0.0	0.0	
VMP-65-30	8/26/2024	12:43	0.26	0.17	0.0	0	11.3	5.2	0.0	0.0	0.0	0.0	
VMP-65-30	9/18/2024	12:07	-0.54	-0.40	0.0	0	11.6	6.5	0.0	0.0	0.0	0.0	
VMP-65-30	10/21/2024	12:32	-0.50	-0.44	0.0	0	7.8	10.6	0.0	0.0	0.0	0.0	
VMP-65-30	11/21/2024	08:57	-0.85	-0.70	0.0	0	11.1	6.4	0.2	0.0	0.0	0.0	
VMP-65-30	11/21/2024	08:57	NM	NM	0.0	0	11.1	6.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-65-30	12/19/2024	12:02	0.36	0.54	0.0	0	12.2	5.0	0.0	0.0	0.0	0.0	
VMP-65-30	1/28/2025	09:27	-0.34	-0.22	0.0	0	10.9	5.7	0.0	0.0	0.0	0.0	
VMP-65-30	2/26/2025	09:20	-0.34	-0.32	0.0	0	10.4	6.3	0.1	0.0	0.0	0.0	
VMP-65-30	2/26/2025	09:20	NM	NM	0.0	0	10.3	6.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-65-30	3/19/2025	08:42	NM	NM	0.0	0	10.0	7.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-65-30	3/19/2025	08:42	-0.21	-0.25	0.0	0	10.0	7.6	0.0	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; btc = Below Top of Casing; bgs = Below Ground Surface.

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Benzene			1,3-Butadiene			Butane			Chlorobenzene			Chloromethane			Dichlorodifluoromethane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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-040224	4/2/2024	70			< 11	U		390			< 24	U		< 43	U		< 26	U	
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	63			< 4.4	U		420			< 9.2	U		< 17	U		< 9.9	U	
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	54			< 5.6	U		400			< 12	U		< 21	U		< 13	U	
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	380			< 2.2	U		150			< 4.6	U		< 8.3	U		< 4.9	U	
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	12			< 2.1	U		72			< 4.4	U		< 7.9	U		< 4.7	U	
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	20			< 4.2	U		140			< 8.9	U		< 16	U		< 9.5	U	
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	17			< 2.1	U		58			< 4.4	U		< 8	U		< 4.8	U	
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	14			< 2.1	U		84			< 4.4	U		< 7.8	U		< 4.7	U	
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	13	J		< 11	U		870			< 23	U		< 42	U		< 25	U	
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	11	J		< 7.8	U		860			< 16	U		< 29	U		< 18	U	
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	12	J		< 11	U		1000			< 23	U		< 42	U		< 25	U	
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	10	J		< 11	U		900			< 23	U		< 41	U		< 24	U	
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	22			< 5.6	U		810			< 12	U		< 21	U		< 12	U	
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	7.7			< 3.6	U		620			< 7.5	U		< 13	U		< 8.1	U	
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	8.9	J		< 8.6	U		650			< 18	U		< 32	U		< 19	U	
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	9.5			< 5.3	U		860			< 11	U		< 20	U		< 12	U	
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	9.2	J		< 10	U		990			< 22	U		< 39	U		< 23	U	
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	7.2	J		< 22	U		1500			< 45	U		< 81	U		< 48	U	
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	7.3	J		< 21	U		650			< 44	U		< 79	U		< 47	U	
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	10	J		< 22	U		1100			< 46	U		< 83	U		< 50	U	
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	0.14			< 0.014	U		2.9			< 0.029	U		< 0.13	U		0.019	J	
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	0.066			< 0.0058	U		1.5			< 0.012	U		< 0.054	U		< 0.013	U	
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	0.15			< 0.016	U		3			< 0.032	U		< 0.14	U		< 0.035	U	
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	2.7			< 0.029	U		5.9			< 0.06	U		0.24	J		< 0.064	U	
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	30			< 0.053	U		4.4			< 0.11	U		< 0.2	U		< 0.12	U	
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	1.9			< 0.0054	U		1.6			< 0.011	U		< 0.05	U		< 0.012	U	
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	26			< 0.025	U		2.6			< 0.052	U		< 0.094	U		< 0.056	U	
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	5.6			< 0.086	U		14			< 0.18	U		< 0.32	U		< 0.19	U	
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	0.23			0.0074			1.9			< 0.015	U		< 0.069	U		< 0.016	U	
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	0.14			< 0.019	U		2.9			< 0.04	U		< 0.18	U		< 0.044	U	
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	0.23			< 0.024	U		1.9			0.0040	J		< 0.09	U		< 0.054	U	
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	0.11			< 0.022	U		3.4			< 0.046	U		< 0.21	U		< 0.05	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane			Hexane			2-Hexanone (Methyl N-Butyl Ketone)		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-040224	4/2/2024	< 49	U		4	J		< 25	U		100			450			< 85	U	
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	5.4	J		1.5	J		< 9.9	U		80			380			< 33	U	
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	< 24	U		3.3	J		< 12	U		74			340			< 42	U	
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	< 9.4	U		4.4			< 4.9	U		20		J	61			< 16	U	
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	< 9	U		< 4.1	U		< 4.7	U		2.2	J		14			< 16	U	
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	< 18	U		< 8.4	U		< 9.5	U		< 7.9	U		19			< 32	U	
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	< 9.1	U		< 4.2	U		< 4.7	U		4.8			20			< 16	U	
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	2.5	J		< 4.1	U		< 4.7	U		6.6			30			< 16	U	
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	< 47	U		< 22	U		< 25	U		16	J		150			< 82	U	
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	12	J		< 15	U		< 17	U		12	J		130			< 58	U	
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	< 48	U		< 22	U		< 25	U		18	J	J	200			< 83	U	
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	< 46	U		< 21	U		< 24	U		8.6	J		180			< 81	U	
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	< 24	U		< 11	U		< 12	U		12			160			< 41	U	
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	< 15	U		< 7.1	U		< 8	U		12			120			< 27	U	
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	< 37	U		< 17	U		< 19	U		< 16	U		86			< 64	U	
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	< 23	U		< 10	U		< 12	U		10		J	120			< 39	U	
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	< 44	U		< 20	U		< 23	U		3.8	J		120			< 77	U	
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	37	J		< 42	U		< 48	U		< 40	U		160			< 160	U	
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	< 90	U		< 42	U		< 47	U		< 39	U		80			< 160	U	
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	< 95	U		< 44	U		< 49	U		< 41	U		130			< 160	U	
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	0.14			< 0.027	U		< 0.031	U		0.13			0.71			0.035	J	
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	0.13			0.0082	J		0.0047	J		0.096			0.45			0.092		
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	0.086	J		0.019	J		0.015	J		0.28			1.1			0.093	J	
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	0.15	J		< 0.056	U		< 0.064	U		0.31			1.5			0.096	J	
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	0.11	J		0.042	J		< 0.12	U		0.48			1.8			0.18	J	
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	0.027	J		0.019			< 0.012	U		0.19			0.55			0.024	J	
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	< 0.11	U		0.016	J		< 0.056	U		0.28			0.81			< 0.19	U	
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	< 0.37	U		0.057	J		< 0.19	U		0.57		J	3			< 0.64	U	
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	0.017	J	J	0.0075	J		< 0.016	U		0.048			0.29			< 0.055	U	
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	0.048	J		< 0.038	U		< 0.043	U		0.071			0.48			< 0.14	U	
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	< 0.1	U		< 0.048	U		< 0.054	U		0.058			0.38			< 0.18	U	
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	< 0.19	U		< 0.044	U		< 0.05	U		0.098			0.56			< 0.16	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Isopentane			2-Propanol			Tetrachloroethene			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	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-040224	4/2/2024	1300			< 64	U		< 35	U		< 25	U		< 25	U		550		
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	2000			2	J		< 14	U		< 9.9	U		< 9.9	U		460		
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	1300			< 31	U		< 17	U		< 12	U		< 12	U		480		
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	350			< 12	U		< 6.8	U		1	J		0.84	J		150		
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	200			< 12	U		< 6.5	U		< 4.7	U		< 4.7	U		74		
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	470			< 24	U		< 13	U		< 9.5	U		< 9.5	U		160		
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	210			< 12	U		< 6.5	U		< 4.7	U		< 4.7	U		79		
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	280			1.9	J		< 6.4	U		< 4.7	U		< 4.7	U		98		
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	1100			< 62	U		< 34	U		< 25	U		< 25	U		340		
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	1600			4.6	J		< 24	U		< 17	U		< 17	U		240		
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	1400			< 62	U		< 34	U		< 25	U		< 25	U		350		
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	1400			< 60	U		6.3	J		< 24	U		< 24	U		350		
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	1100			< 31	U		< 17	U		< 12	U		< 12	U		270		
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	910			< 20	U		9.9	J		< 8	U		< 8	U		260		
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	900			9.9	J		< 26	U		< 19	U		< 19	U		230		
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	1100			< 30	U		< 16	U		< 12	U		< 12	U		320		
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	1300			< 58	U		< 32	U		< 23	U		< 23	U		340		
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	1800			< 120	U		< 66	U		< 48	U		< 48	U		390		
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	910			< 120	U		< 65	U		< 47	U		< 47	U		270		
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	1600			< 120	U		< 68	U		< 49	U		< 49	U		380		
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	4.2			0.05	J		< 0.042	U		0.0092	J		< 0.031	U		1.3		
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	2.4			0.069			< 0.018	U		0.0066	J		< 0.013	U		0.8		
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	5.6			< 0.069	U		< 0.048	U		0.021	J		0.0094	J		2.2		
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	9.4			< 0.13	U		< 0.088	U		< 0.064	U		< 0.064	U		3.1		
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	7.4			< 0.29	U		< 0.16	U		< 0.12	U		< 0.12	U		3.9		
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	2.7			0.028			< 0.016	U		< 0.012	U		< 0.012	U		1.4		
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	4.1			< 0.14	U		< 0.077	U		< 0.056	U		< 0.056	U		1.8		
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	22			< 0.48	U		< 0.26	U		0.046	J		< 0.19	U		7.5		
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	3.4			0.014	J	J	< 0.023	U		< 0.016	U		< 0.016	U		1.2		
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	5.1			< 0.086	U		< 0.06	U		< 0.043	U		< 0.043	U		1.9		
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	3.4			< 0.13	U		< 0.074	U		< 0.054	U		< 0.054	U		1.5		
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	5.8			< 0.099	U		< 0.068	U		< 0.05	U		< 0.05	U		2		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	m,p-Xylene			o-Xylene			TPH (C2-C10)			Butane			Isopentane			C6+		
			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-040224	4/2/2024	5.7	J		< 22	U		16000			0.024			0.067			0.20		
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	2.7	J		< 8.7	U		16000			0.022			0.058			0.17		
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	3.2	J		< 11	U		16000			0.024			0.062			0.19		
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	10			1.3	J		4600			0.0085			0.016			0.059		
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	< 4.1	U		< 4.1	U		1600			0.0035			0.0074			0.021		
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	< 8.4	U		< 8.4	U		2700			0.0067			0.018			0.050		
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	< 4.2	U		< 4.2	U		1700			0.0036			0.0091			0.021		
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	1.5	J		< 4.1	U		2100			0.0047			0.011			0.039		
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	< 22	U		< 22	U		10000			0.052			0.055			0.10		
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	< 15	U		< 15	U		9500			0.043			0.046			0.089		
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	< 22	U		< 22	U		14000			0.062			0.068			0.15		
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	< 21	U		< 21	U		11000			0.052			0.053			0.11		
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	1.7	J		< 11	U		9700			0.042			0.046			0.090		
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	< 7.1	U		< 7.1	U		7400			0.042			0.045			0.077		
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	< 17	U		< 17	U		6300			0.037			0.039			0.084		
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	< 10	U		< 10	U		8600			0.049			0.051			0.12		
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	< 20	U		< 20	U		8100			0.049			0.048			0.096		
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	< 42	U		< 42	U		7600			0.052			0.054			0.11		
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	< 42	U		< 42	U		6200			0.038			0.039			0.070		
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	< 44	U		< 44	U		7400			0.056			0.059			0.098		
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	0.014	J		< 0.027	U		40			0.00012	J		0.00013	J		0.00011	J	
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	0.016	J		< 0.011	U		41			0.000070	J		0.000095	J		0.00016	J	
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	0.039	J		< 0.031	U		75			0.00015	J		0.00020	J		0.00018	J	
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	0.025	J		< 0.056	U		110			0.00030	J		0.00033	J		0.0014	J	
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	0.078	J		< 0.1	U		140			0.00018	J		0.00024	J		0.00047	J	
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	0.042			< 0.01	U		28			0.000066	J		< 0.0023	U		0.00029	J	
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	0.036	J		< 0.05	U		70			0.00011	J		0.00014	J		< 0.023	U	
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	0.14	J		< 0.17	U		160			0.00067	J		0.00080	J		0.0011	J	
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	0.02	J		< 0.014	U		19			0.000095	J		0.000094	J		< 0.022	U	
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	< 0.076	U		< 0.038	U		28			0.00015	J		0.00017	J		0.00014	J	
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	0.012	J		< 0.048	U		24			0.000099	J		0.00012	J		0.000075	J	
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	< 0.088	U		< 0.044	U		29			0.00016	J		0.00017	J		0.000081	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon Dioxide			Ethane			Isobutane			Methane			Neopentane			Nitrogen		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-040224	4/2/2024	6.4			0.00026	J		0.0019	J		4.6			0.00016	J		76		
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	6.2			0.00027	J		0.0017	J		4.1			< 0.0020	U		75		
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	6.3			0.00028	J		0.0019	J		4.7			0.00015	J		76		
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	3.6			0.000091	J		0.00086	J		1.2			< 0.0020	U		78		
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	1.6			< 0.0019	U		0.00035	J		0.59			< 0.0019	U		78		
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	3.4			0.000087	J		0.00074	J		1.6			< 0.0019	U		77		
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	2.1			0.000034	J		0.00038	J		0.90			< 0.0019	U		78		
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	2.0			0.000058	J		0.00048	J		1.1			< 0.0019	U		78		
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	3.5			0.00028	J		0.0051			1.8			0.00024	J		78		
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	2.7			0.00023	J		0.0042			1.5			< 0.0020	U		78		
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	3.5			0.00029	J		0.0059			1.9			0.00026	J		77		
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	3.0			0.00024	J		0.0049			1.4			< 0.0020	U		78		
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	2.5			0.00022	J		0.0041			1.4			0.00019	J		78		
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	2.9			0.00020	J		0.0041			1.3			0.00019	J		79		
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	2.9			0.00018	J		0.0036			1.2			0.00016	J		78		
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	3.4			0.00022	J		0.0046			1.4			< 0.0019	U		78		
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	3.1			0.00021	J		0.0047			1.4			< 0.0019	U		78		
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	3.5			0.00024	J		0.0050			1.6			< 0.0020	U		78		
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	2.8			0.00018	J		0.0035			1.1			0.00017	J		78		
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	3.7			0.00028	J		0.0054			1.8			0.00026	J		77		
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	0.97			< 0.0025	U		< 0.0025	U		0.0068			< 0.0025	U		79		
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	0.84			< 0.0024	U		< 0.0024	U		0.0030			< 0.0024	U		79		
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	1.1			< 0.0025	U		< 0.0025	U		0.0083			< 0.0025	U		79		
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	1.2			< 0.0023	U		< 0.0023	U		0.0099			< 0.0023	U		80		
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	2.0			< 0.0024	U		< 0.0024	U		0.011			< 0.0024	U		80		
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	0.82			< 0.0023	U		< 0.0023	U		0.0036			< 0.0023	U		79		
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	1.2			< 0.0023	U		< 0.0023	U		0.0057			< 0.0023	U		79		
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	2.8			< 0.0022	U		0.000066	J		0.034			< 0.0022	U		79		
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	1.0			< 0.0022	U		< 0.0022	U		0.0037			< 0.0022	U		79		
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	1.3			< 0.0022	U		< 0.0022	U		0.0074			< 0.0022	U		79		
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	1.1			< 0.0022	U		< 0.0022	U		0.0046			< 0.0022	U		79		
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	1.3			< 0.0020	U		< 0.0020	U		0.0090			< 0.0020	U		79		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Oxygen			Pentane			Propane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-040224	4/2/2024	13			0.044			0.000065	J	
SVE Public Works Header	PW-Header-SVE-050224	5/2/2024	14			0.038			0.000055	J	
SVE Public Works Header	PW-Header-SVE-060524	6/5/2024	13			0.039			0.000055	J	
SVE Public Works Header	PW-Header-SVE-110624	11/6/2024	17			0.0069			< 0.0020	U	
SVE Public Works Header	PW-Header-SVE-121224	12/12/2024	20			0.0020			< 0.0019	U	
SVE Public Works Header	PW-Header-SVE-010925	1/9/2025	18			0.0028			< 0.0019	U	
SVE Public Works Header	PW-Header-SVE-020425	2/4/2025	19			0.0028			< 0.0019	U	
SVE Public Works Header	PW-Header-SVE-030325	3/3/2025	19			0.0038			< 0.0019	U	
SVE Refinery Header	WFL-Header-SVE-040224	4/2/2024	17			0.022			0.00031	J	
SVE Refinery Header	WFL-Header-SVE-050224	5/2/2024	18			0.018			0.00026	J	
SVE Refinery Header	WFL-Header-SVE-060524	6/5/2024	17			0.027			0.00036	J	
SVE Refinery Header	WFL-Header-SVE-070224	7/2/2024	17			0.021			0.00027	J	
SVE Refinery Header	WFL-Header-SVE-080624	8/6/2024	18			0.019			0.00025	J	
SVE Refinery Header	WFL-Header-SVE-091124	9/11/2024	17			0.017			0.00024	J	
SVE Refinery Header	WFL-Header-SVE-100224	10/2/2024	18			0.014			0.00020	J	
SVE Refinery Header	WFL-Header-SVE-110624	11/6/2024	17			0.020			0.00026	J	
SVE Refinery Header	WFL-Header-SVE-121224	12/12/2024	17			0.018			0.00025	J	
SVE Refinery Header	WFL-Header-SVE-010925	1/9/2025	17			0.020			0.00028	J	
SVE Refinery Header	WFL-Header-SVE-020425	2/4/2025	18			0.014			0.00020	J	
SVE Refinery Header	WFL-Header-SVE-030325	3/3/2025	17			0.022			0.00030	J	
SVE RTO Exhaust	Exh-SVE-040224	4/2/2024	20			< 0.0025	U		< 0.0025	U	
SVE RTO Exhaust	Exh-SVE-050224	5/2/2024	20			< 0.0024	U		< 0.0024	U	
SVE RTO Exhaust	Exh-SVE-060524	6/5/2024	20			0.000094	J		< 0.0025	U	
SVE RTO Exhaust	Exh-SVE-070224	7/2/2024	19			0.00014	J		< 0.0023	U	
SVE RTO Exhaust	Exh-SVE-080624	8/6/2024	18			0.00011	J		< 0.0024	U	
SVE RTO Exhaust	Exh-SVE-091124	9/11/2024	20			< 0.0023	U		< 0.0023	U	
SVE RTO Exhaust	Exh-SVE-100224	10/2/2024	20			< 0.0023	U		< 0.0023	U	
SVE RTO Exhaust	Exh-SVE-110624	11/6/2024	18			0.00031	J		< 0.0022	U	
SVE RTO Exhaust	Exh-SVE-121224	12/12/2024	20			< 0.0022	U		< 0.0022	U	
SVE RTO Exhaust	Exh-SVE-010925	1/9/2025	20			< 0.0022	U		< 0.0022	U	
SVE RTO Exhaust	Exh-SVE-020425	2/4/2025	20			< 0.0022	U		< 0.0022	U	
SVE RTO Exhaust	Exh-SVE-030325	3/3/2025	20			< 0.0020	U		< 0.0020	U	

NOTES:
Analytes shown were detected in at least one sample on Table 10 during the current quarter or previous 3 quarters.
Public Works Header was closed on June 12, 2024 when SEE system vapor extraction began.
Analytical samples were not collected from the Public Works Header in 3Q24.
Public Works Header was re-opened October 21, 2024 after SEE system was shut down.
Bold results are detections above the RL, or estimated detections between the MDL and RL.
< #.## Gray text indicates the analyte was not detected above the given reporting limit.

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
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 7** through **10**:

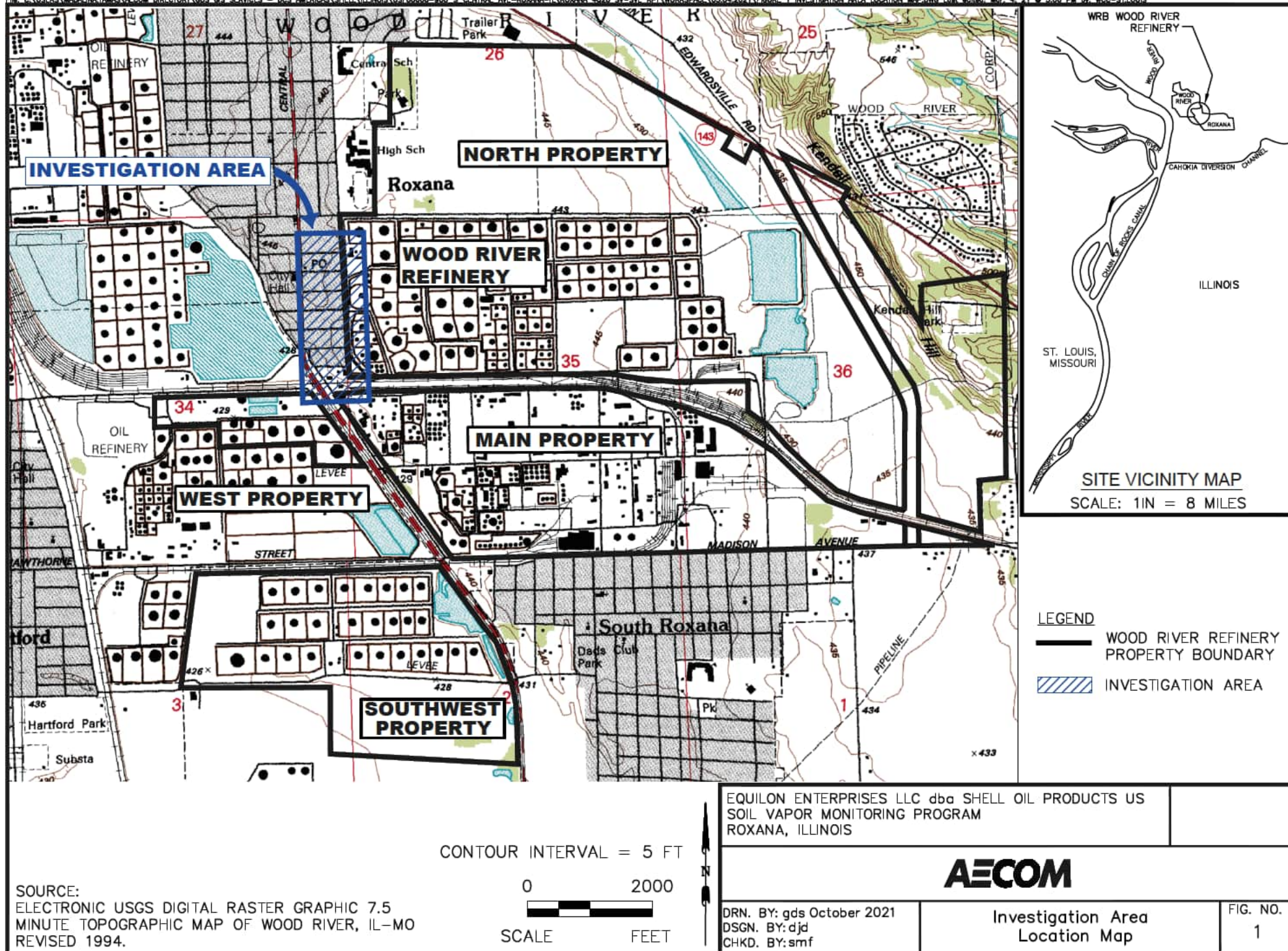
Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two-dimensional (2D) appearance of the figures created from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

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

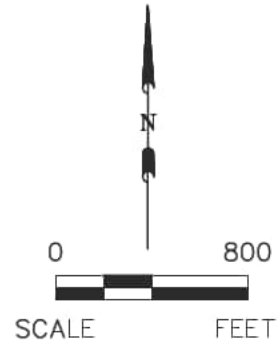
Vertical Cut-off – The bottom surface of this model is based on the current quarter's groundwater gauging data collected in Roxana. The groundwater gauging data was used to model a 2D surface that represents the interface between the top surface of groundwater and the bottom surface of soil vapor.

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

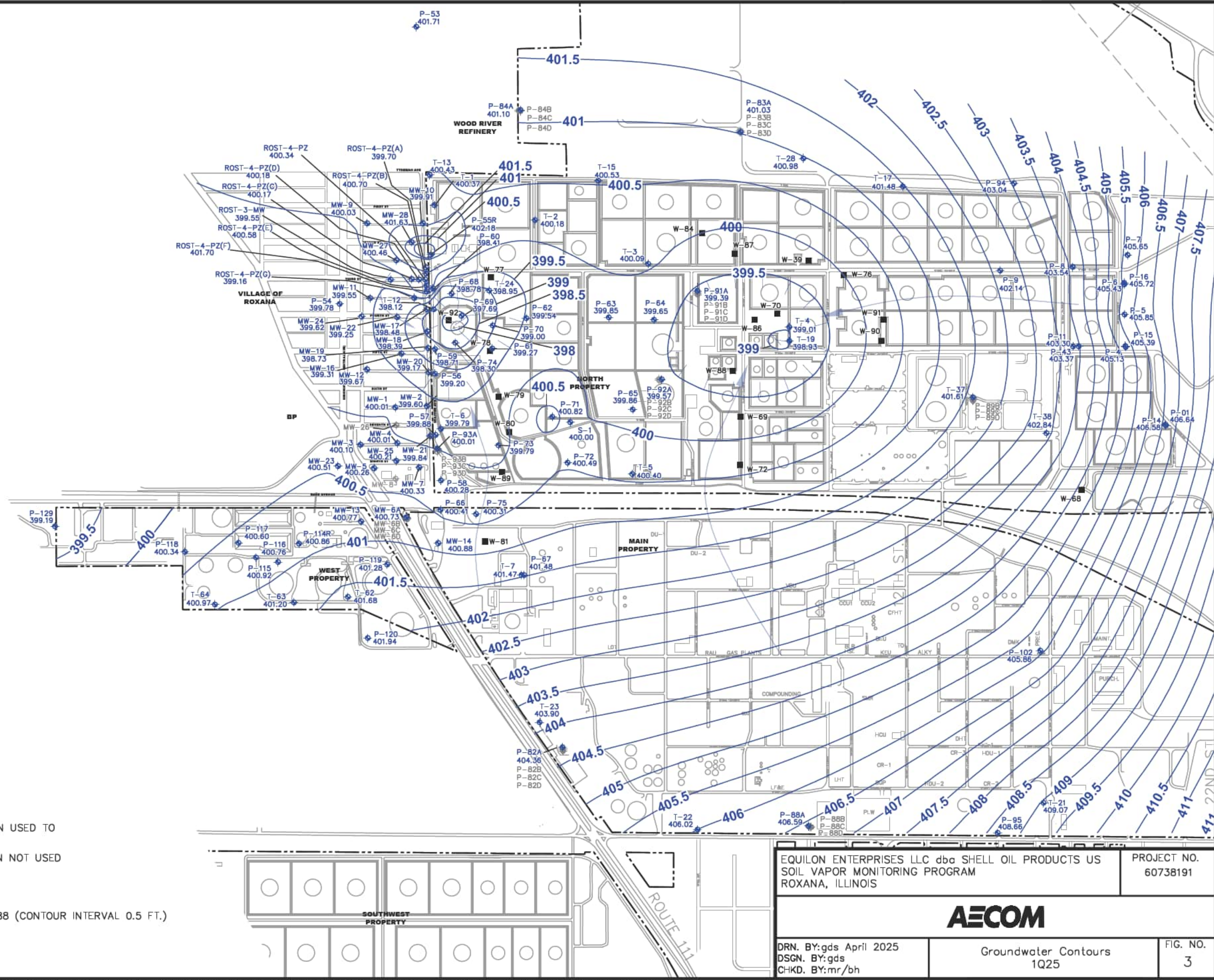
Detection Limits – In cases where the lab reported a non-detect, half the value of the lab detection limit was used in the model. This conservative method is based on the assumption that the soil is likely not free of benzene, but the quantity contained is lower than detectable at the analyzed dilution.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



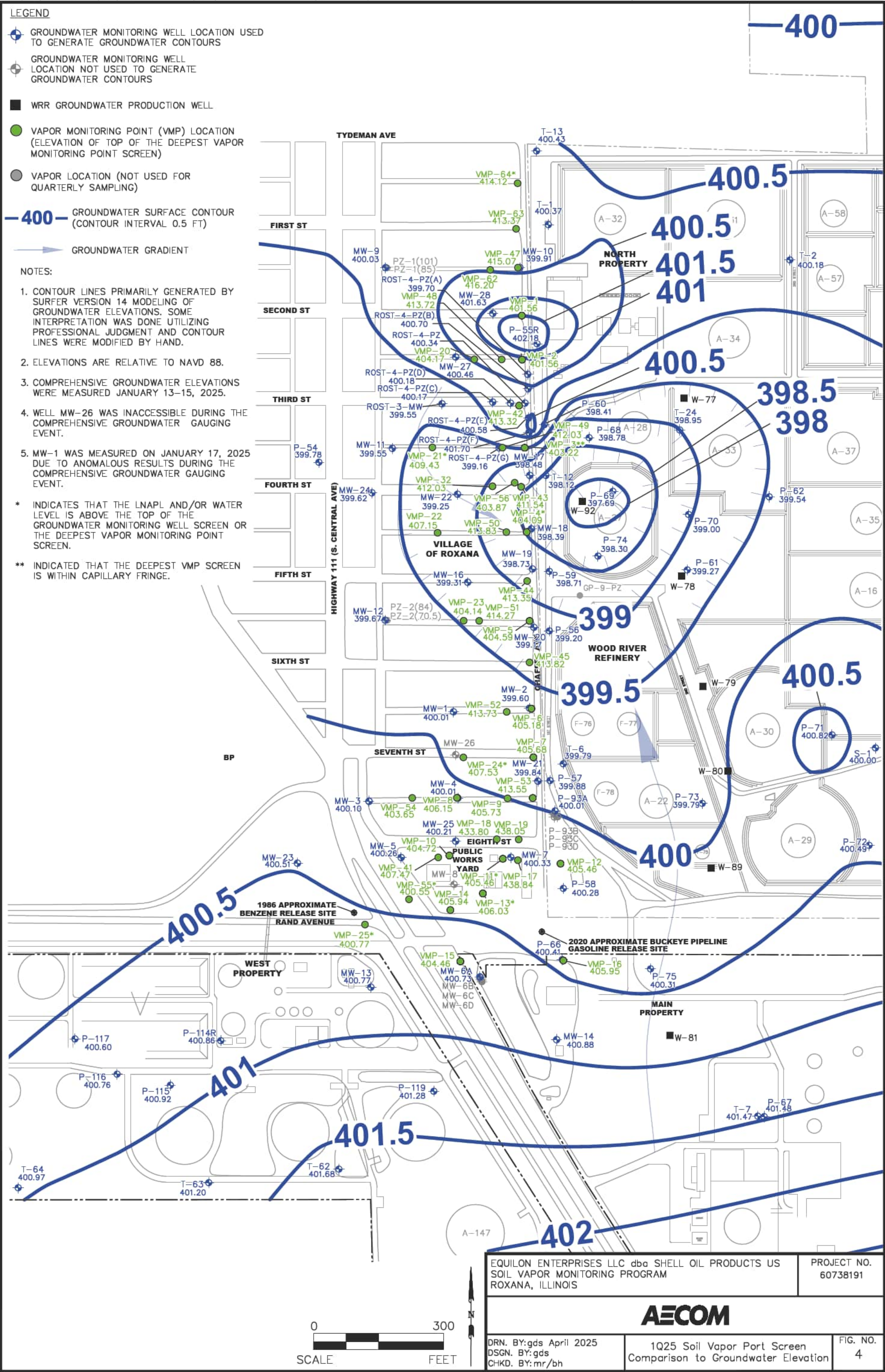
- NOTES:
- 1. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 14 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
 - 2. ELEVATIONS ARE RELATIVE TO NAVD 88.
 - 3. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED JANUARY 13-15, 2025.
 - 4. WELL MW-26 WAS INACCESSIBLE DURING THE COMPREHENSIVE GROUNDWATER GAUGING EVENT.
 - 5. MW-1 WAS MEASURED ON JANUARY 17, 2025 DUE TO ANOMALOUS RESULTS DURING THE COMPREHENSIVE GROUNDWATER GAUGING EVENT.



- 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



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60738191
AECOM		FIG. NO. 3
DRN. BY:gds April 2025 DSGN. BY:gds CHKD. BY:mr/bh	Groundwater Contours 1Q25	



LEGEND

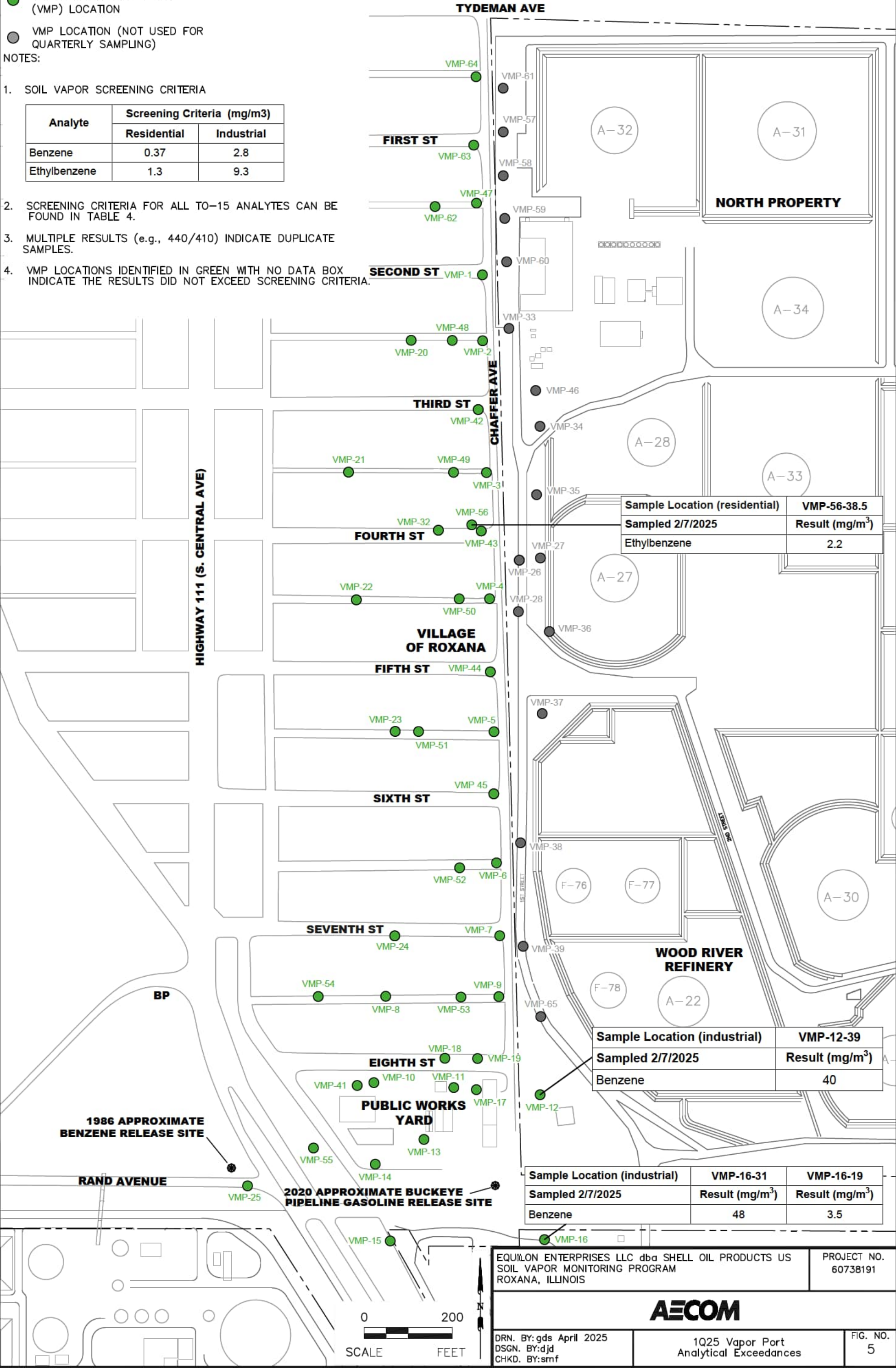
- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)

NOTES:

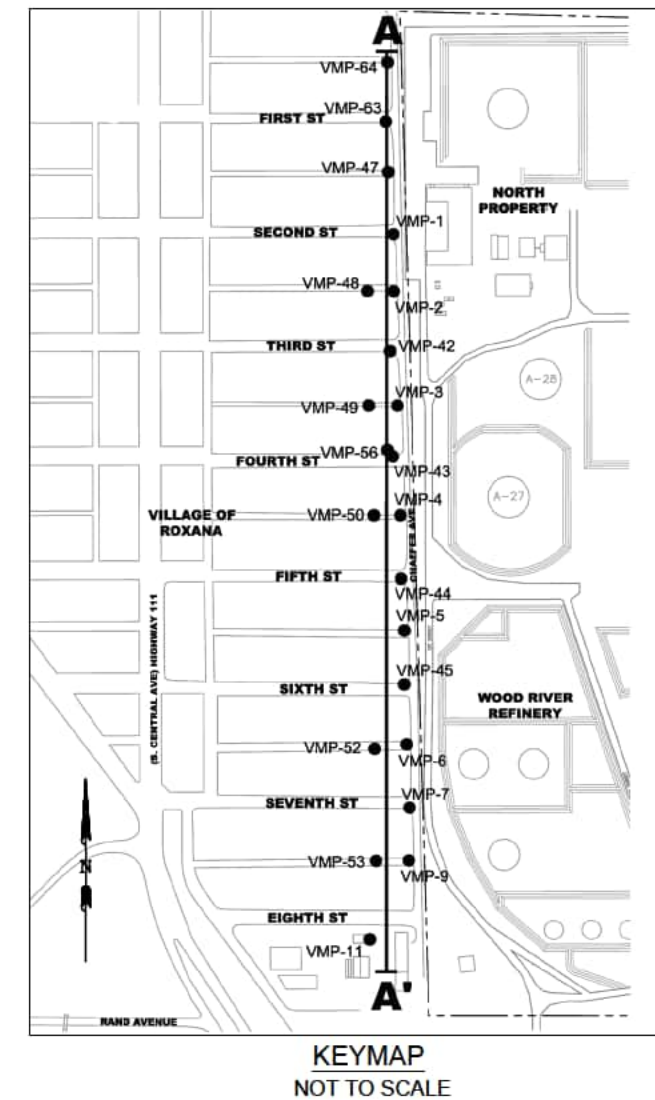
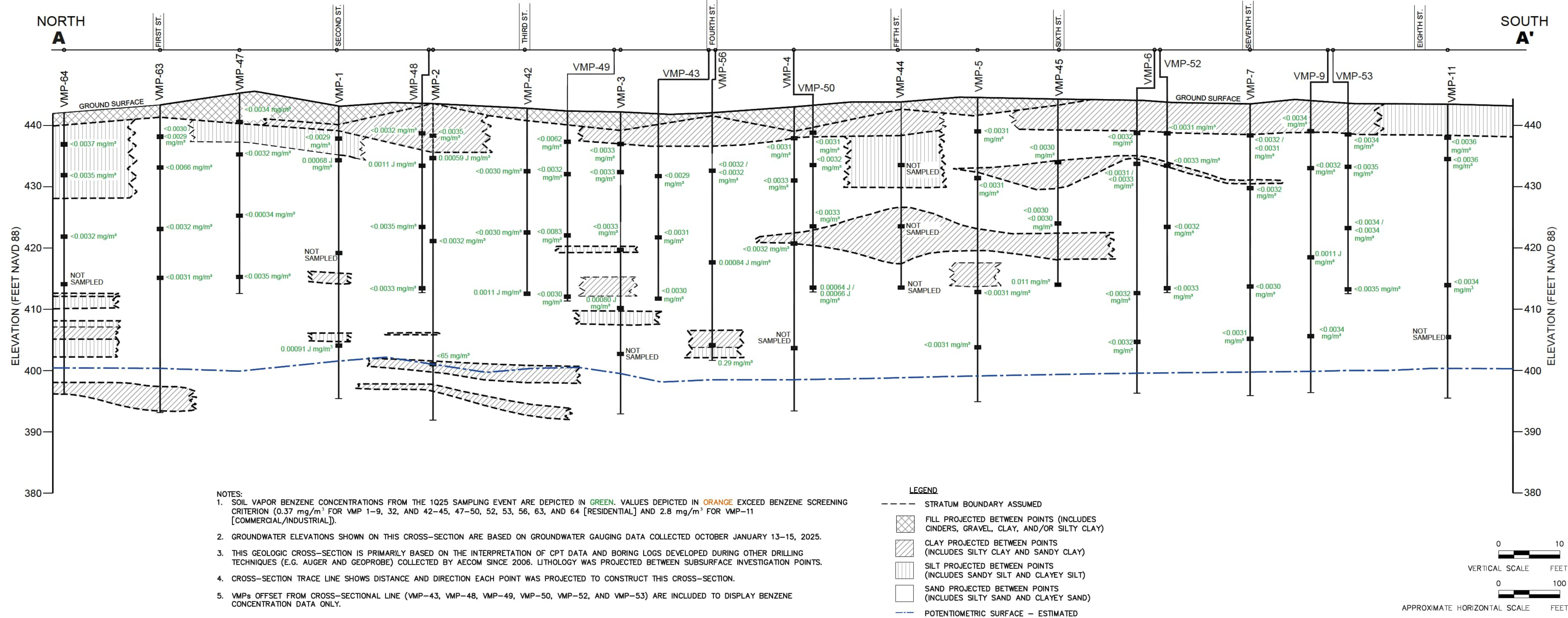
1. SOIL VAPOR SCREENING CRITERIA

Analyte	Screening Criteria (mg/m3)	
	Residential	Industrial
Benzene	0.37	2.8
Ethylbenzene	1.3	9.3

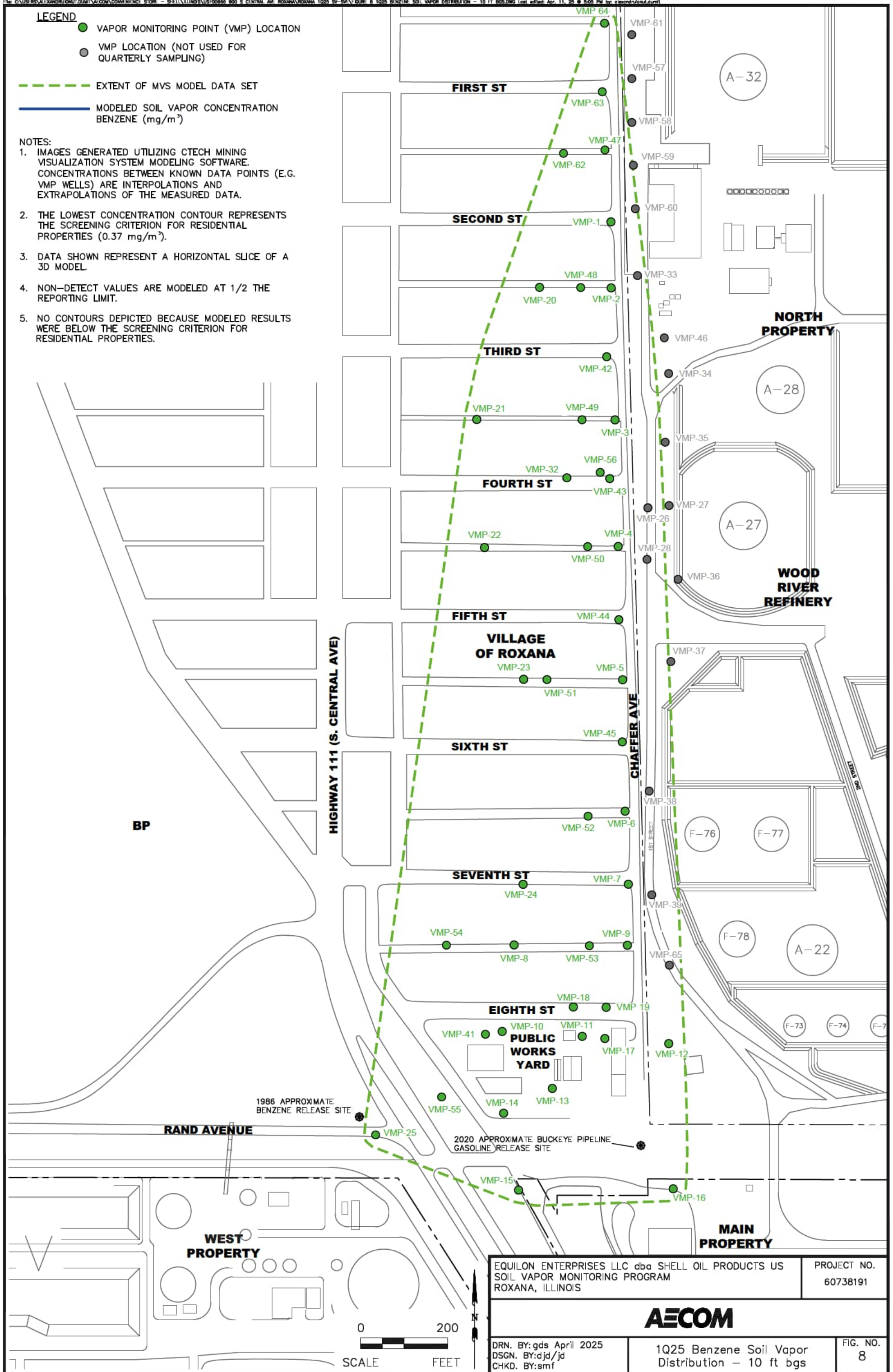
2. SCREENING CRITERIA FOR ALL TO-15 ANALYTES CAN BE FOUND IN TABLE 4.
3. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.
4. VMP LOCATIONS IDENTIFIED IN GREEN WITH NO DATA BOX INDICATE THE RESULTS DID NOT EXCEED SCREENING CRITERIA.

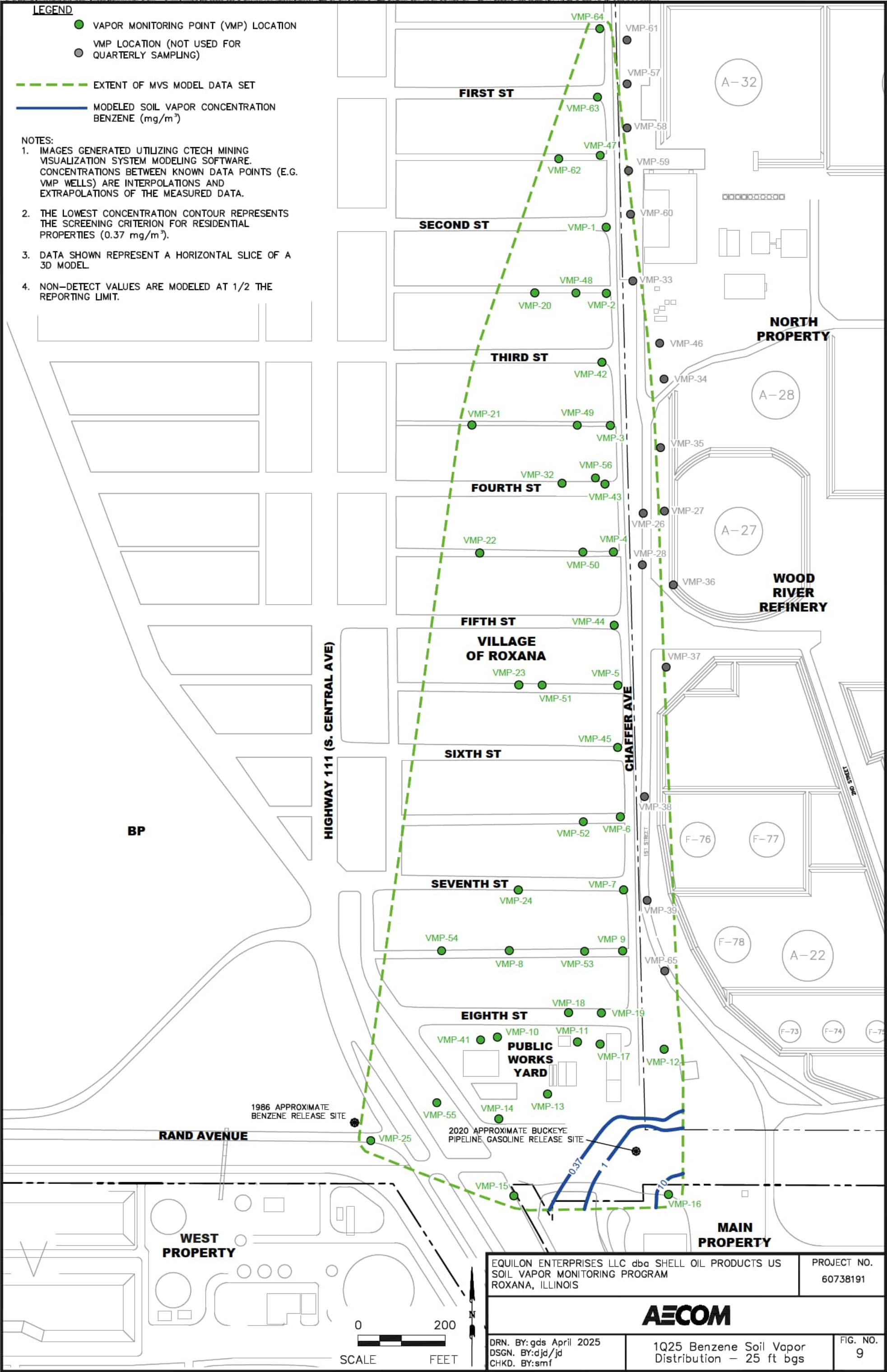


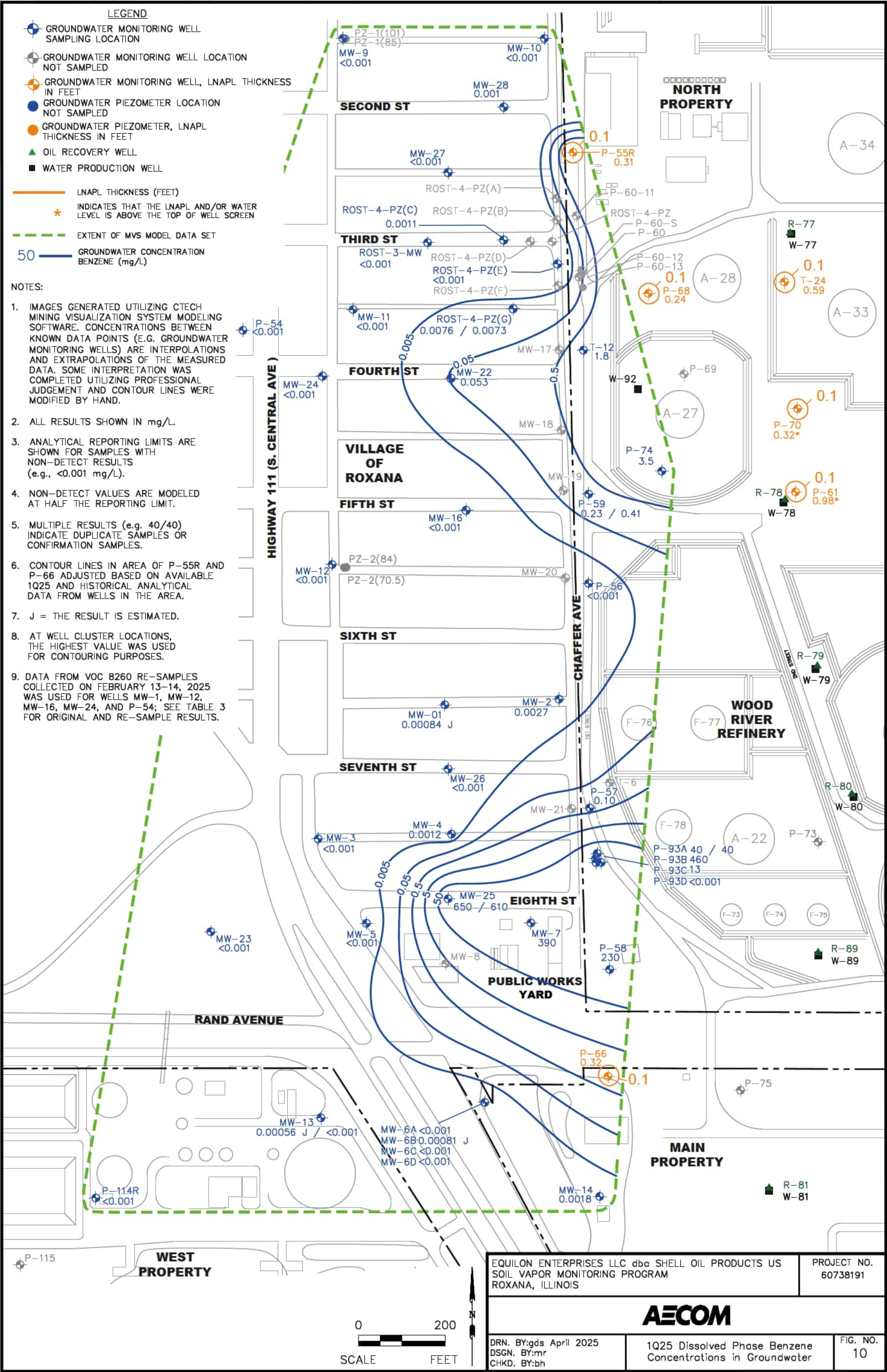
FILE: Q:\USERS\ALZAMORA\PROJECTS\ROXANA\1025\1025 CROSS-SECTION WITH BENZENE SOIL VAPOR ANALYTICAL RESULTS.DWG DATE: 04/11/25 4:08 PM BY: JHARRINGTON/ALZAMORA

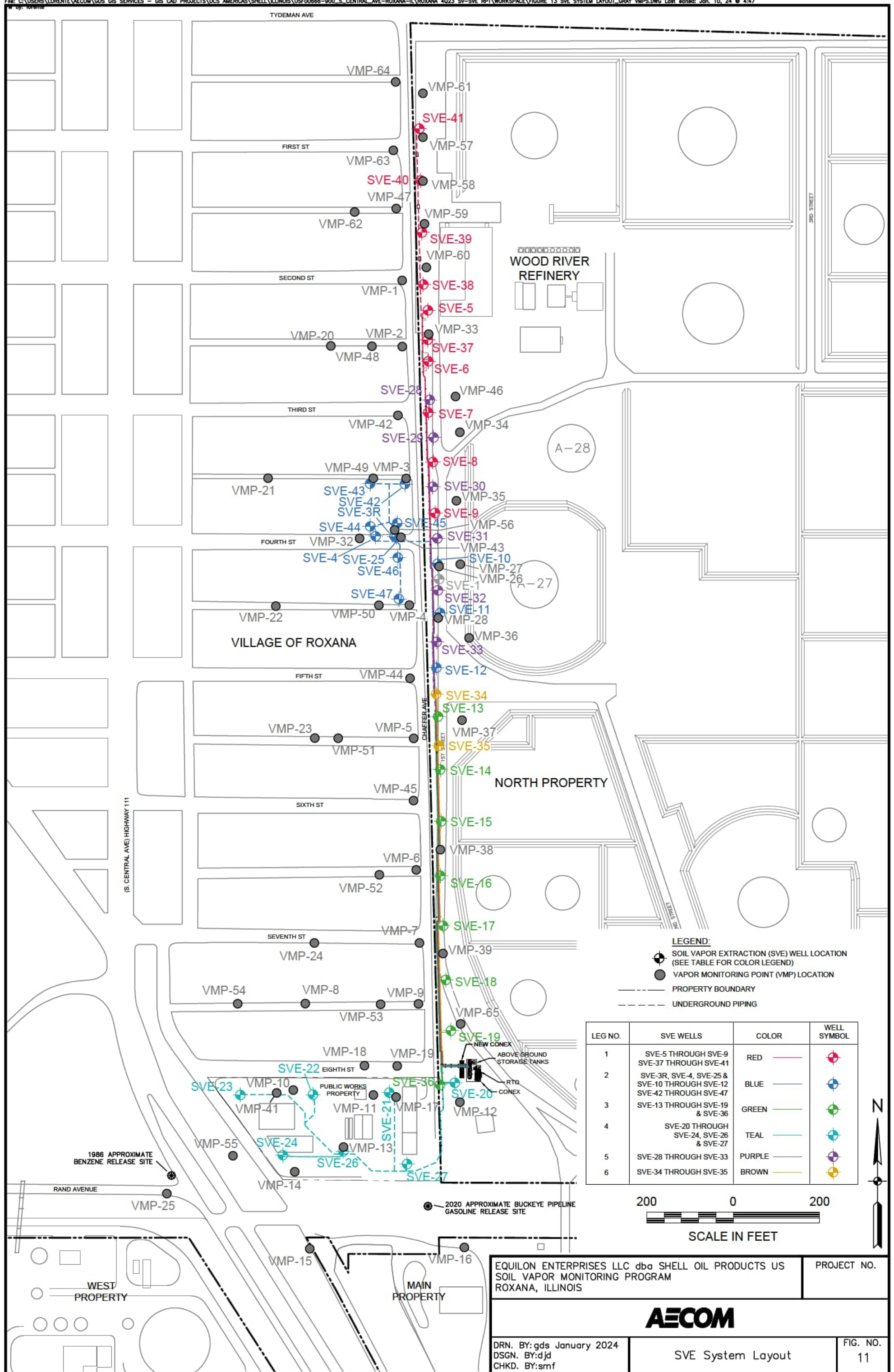


EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60738191
AECOM		
DRN. BY: gds April 2025 DSGN. BY: djd CHKD. BY: smf	1025 Cross-Section with Benzene Soil Vapor Analytical Results - Chaffer Avenue	FIG. NO. 6









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.

APPENDIX A

SITE BACKGROUND AND REGULATORY HISTORY

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

AECOM, on behalf of 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.

On March 13, 2023, the IEPA issued a letter approving several of AECOM's recent standard operating procedures (SOP) submittals. The letter included conditions that affect some of the SOPs, including the SOP for soil vapor sampling (IEPA, 2023a). On May 26, 2023, AECOM, on behalf of Shell, submitted Standard Operating Procedure (SOP) revisions outlined in the 3/13/2023 IEPA SOP approval letter with comments. The IEPA letter approved several previously submitted SOPs and requested some specific revisions to selected SOPs as well as a new SOP related to Investigative Derived Waste (IDW) management.

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-

APPENDIX A SITE BACKGROUND AND REGULATORY HISTORY

line by November 2013. Details associated with this system extension were documented in the SVE System Construction Completion Report Addendum No. 2, dated January 2014 (URS, 2014). During 3Q14 and 4Q14, AECOM designed and constructed an extension to the WFL portion of the SVE system on Shell-owned properties adjacent to 4th Street and Chaffer Avenue in Roxana, IL. Six additional SVE wells (SVE wells 42 through 47) were brought on-line in November 2014.

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

SEE System

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.

On December 16, 2022, AECOM, on behalf of Shell, submitted the *Old Public Works Yard Steam Enhanced Extraction Final Design Report & Construction Work Plan* (FDRCP)(AECOM, 2022c). The FDRCP contained responses to the IEPA's 8/22/2022 letter, as well as items required in Phase II of the IEPA Corrective Measures Program. A letter was issued by the IEPA on May 5, 2023, approving the FDRCP with monitoring and reporting conditions (IEPA, 2023b). On August 3, 2023, AECOM, on behalf of Shell, submitted a response to the 5/5/2023 IEPA letter (AECOM, 2023a). On September 22, 2023, AECOM on behalf of Shell, submitted the *Former Public Works Yard Steam Enhanced Extraction – Additional Information to Final Design Report and Construction Work Plan (Area C)*(AECOM, 2023b) as a supplement to the FDRCP. The 9/22/2023 submittal included information on an additional treatment area added to the steam enhanced extraction system, along with other information requested by IEPA. On November 29, 2023, AECOM on behalf of Shell, submitted the *Former Public Works Yard Steam Enhanced Extraction – Additional Information to Final Design Report and Construction Work Plan (SEE System Startup Plan)*(AECOM, 2023c) as a supplement to the FDRCP. The 11/29/2023 submittal described the anticipated startup schedule of the SEE System.

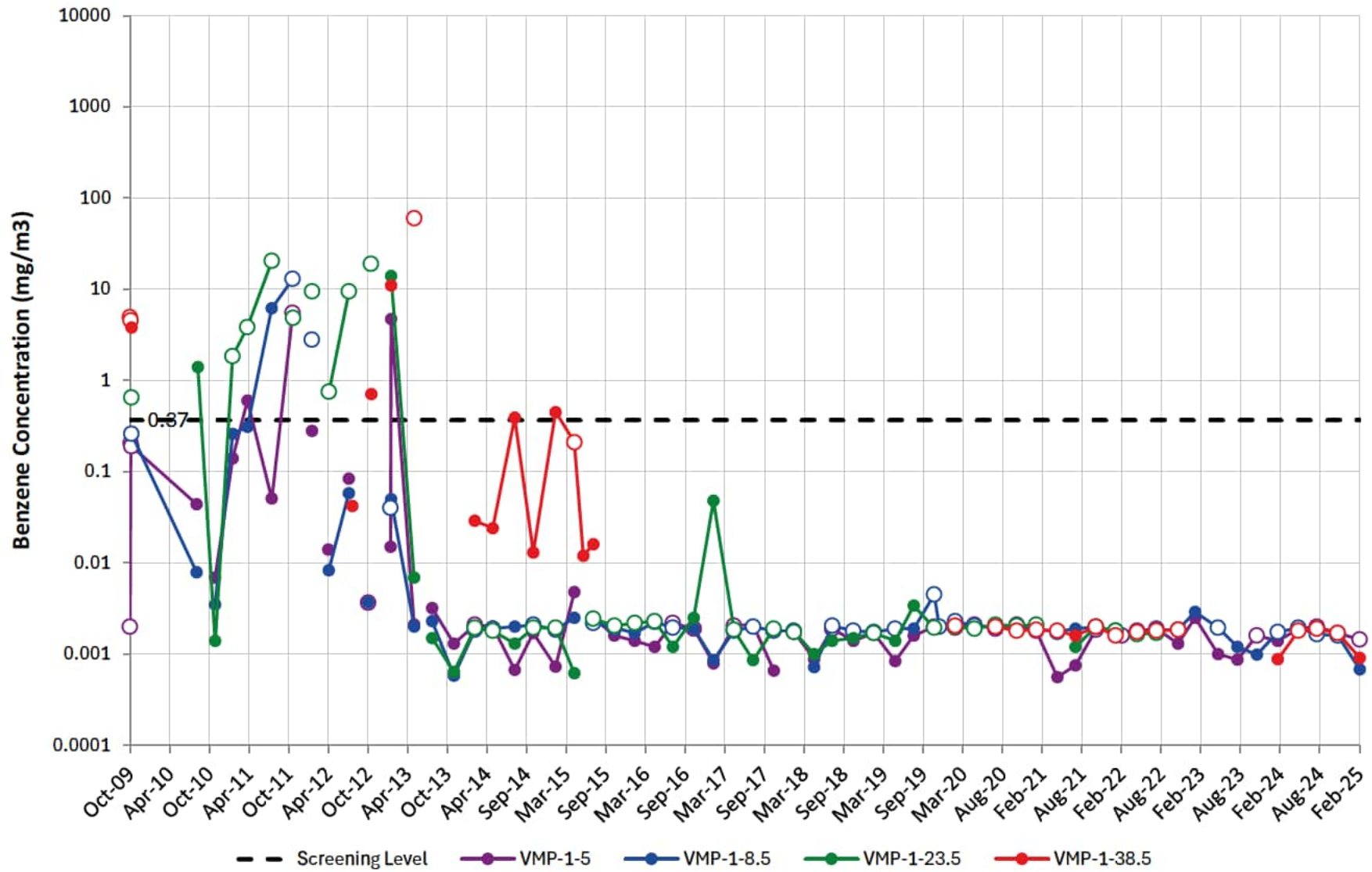
On January 26, 2024 the IEPA issued a letter that conditionally approved the AECOM FPWY SEE-related submittals dated 8/3/2023, 9/22/2023 and 11/29/2023 (IEPA, 2024a). On February 23, 2024 AECOM, on behalf of Shell, submitted a *Former Public Works Yard Steam Enhanced Extraction - Response to 1/26/2024 IEPA Letter* (AECOM, 2024a). On March 4, 2024 AECOM, on behalf of Shell, submitted a *Former Public Works Yard Steam Enhanced Extraction – Pre-SEE Additional Sampling Results* that included sample results that were required by IEPA to be provided prior to SEE startup (AECOM, 2024b). On April 22, 2024 the IEPA issued a letter that conditionally approved the AECOM FPWY SEE-related submittals dated 2/23/2024 and 3/4/2024 (IEPA, 2024b). On December 13, 2024, AECOM on behalf of Shell, submitted the *Former Public Works Yard SEE System 2024-2025 Winter Operations Plan* (AECOM, 2024c). On December 17, 2024, AECOM on behalf of Shell submitted the *Former Public Works Yard SEE System Construction Completion Report* (AECOM, 2024d). On February 18, 2025, the IEPA issued a letter that conditionally approved the AECOM FPWY SEE 2024-2025 Winter Operations Plan (IEPA, 2025).

Appendix B

Benzene and Methane Charts

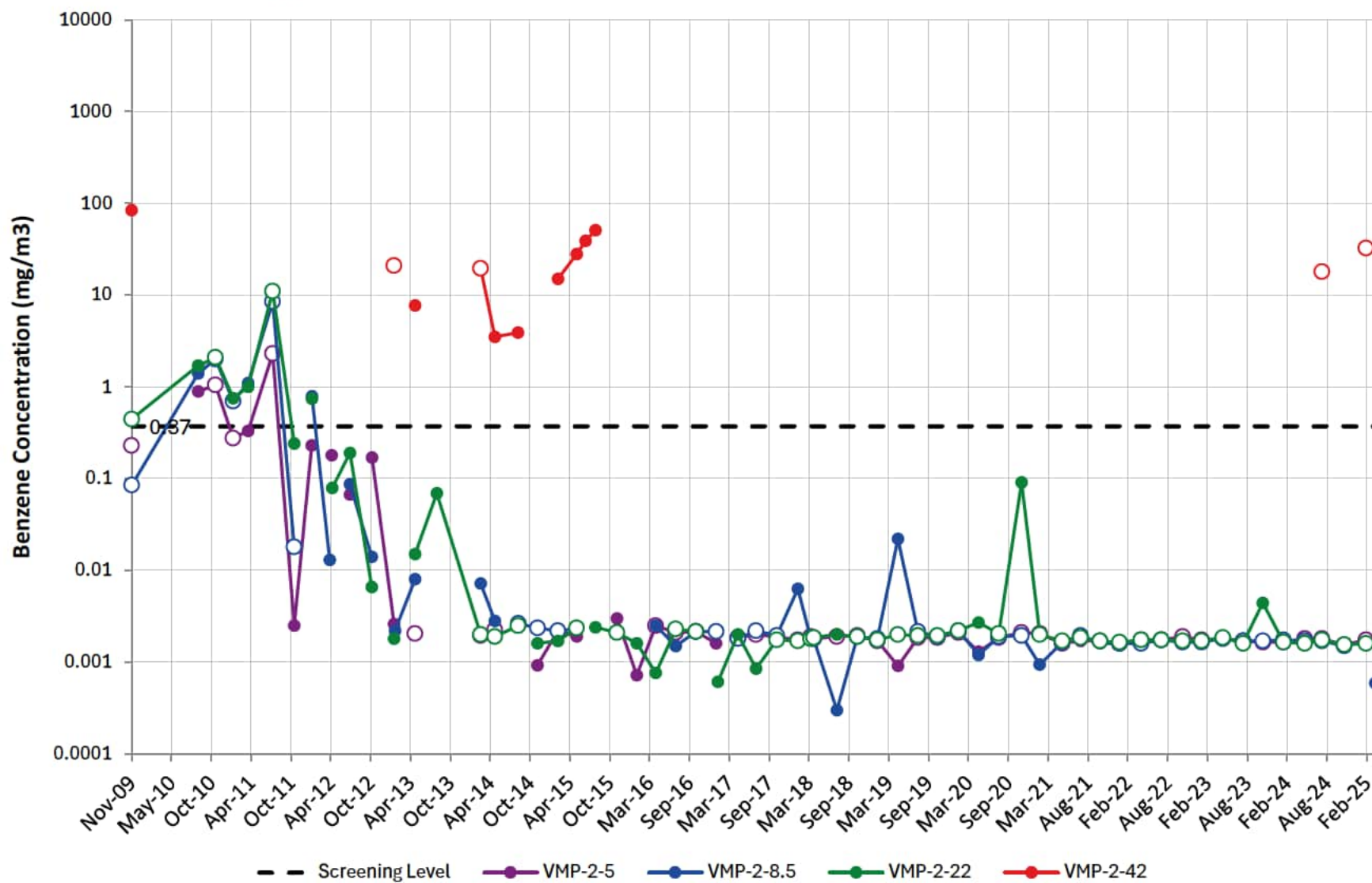
VMP-1

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



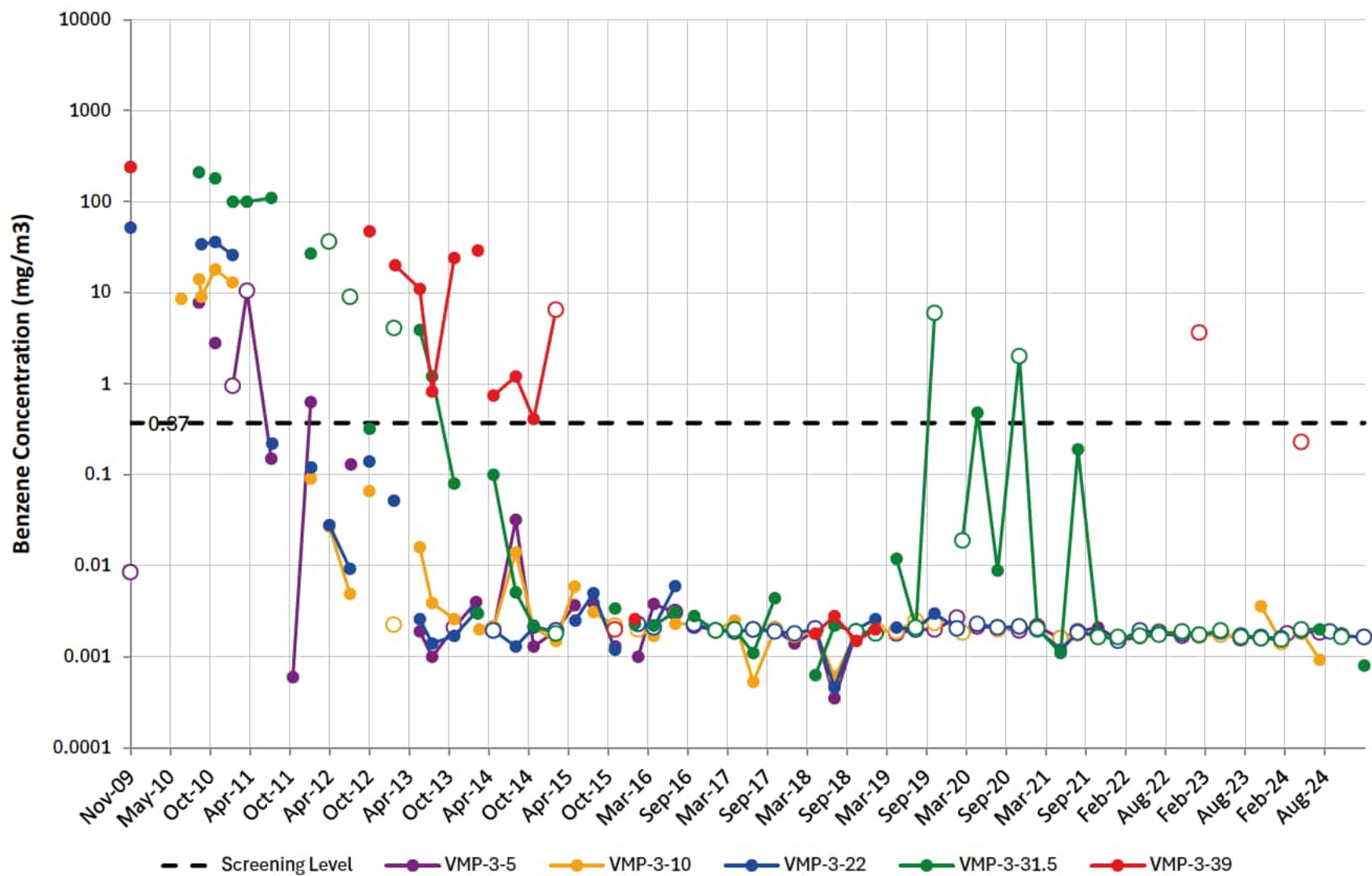
VMP-2

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



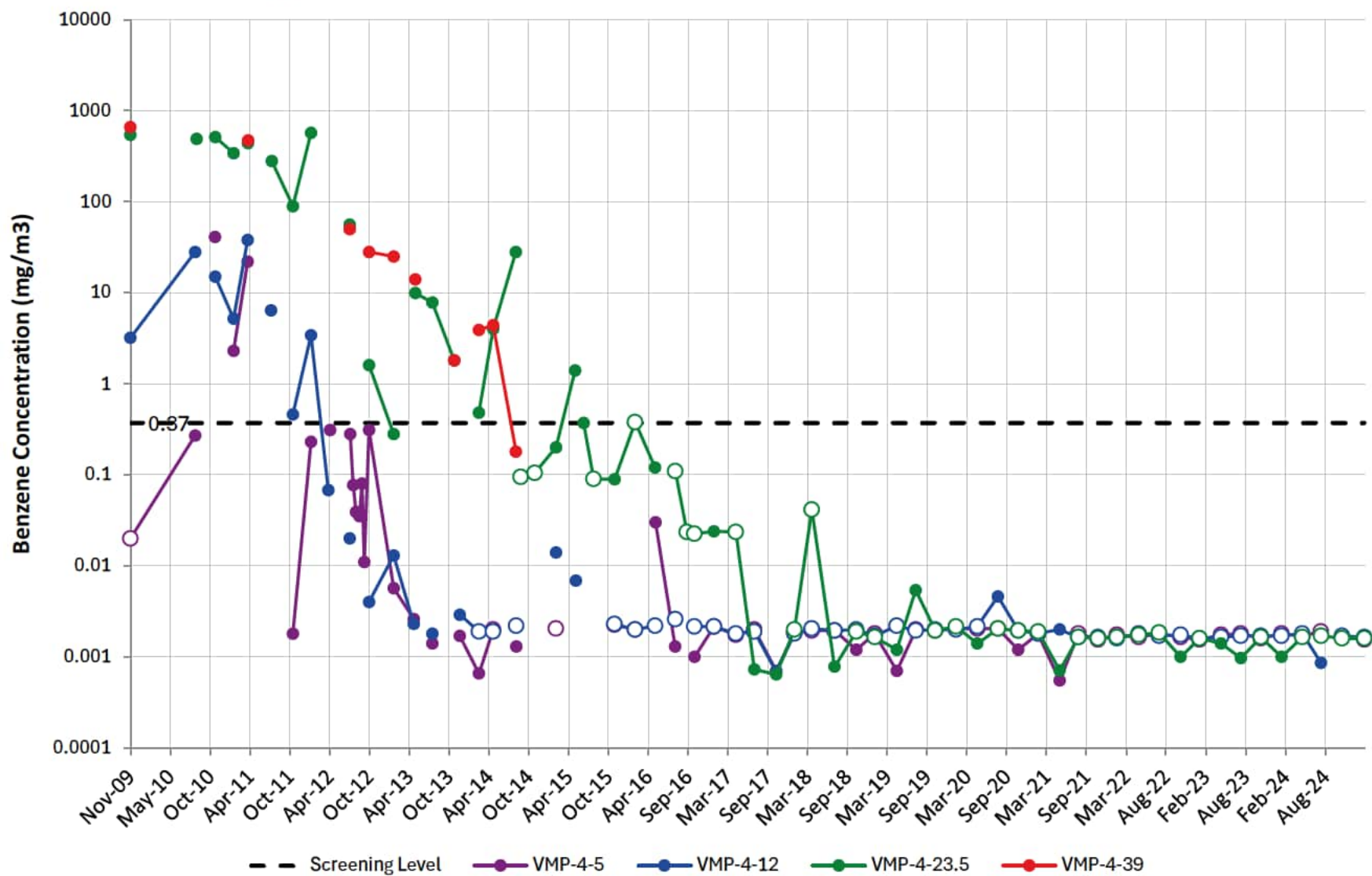
VMP-3

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



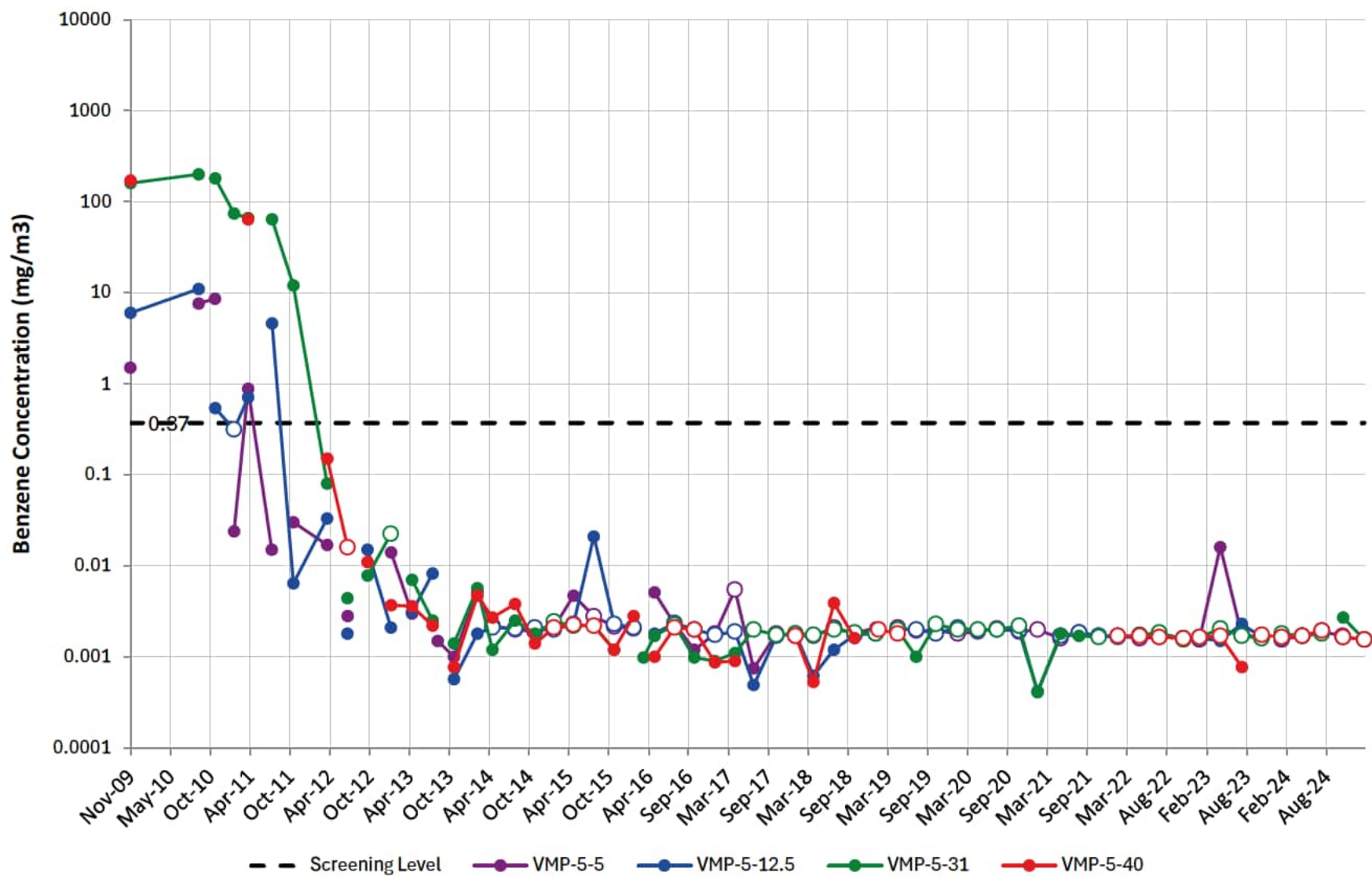
VMP-4

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



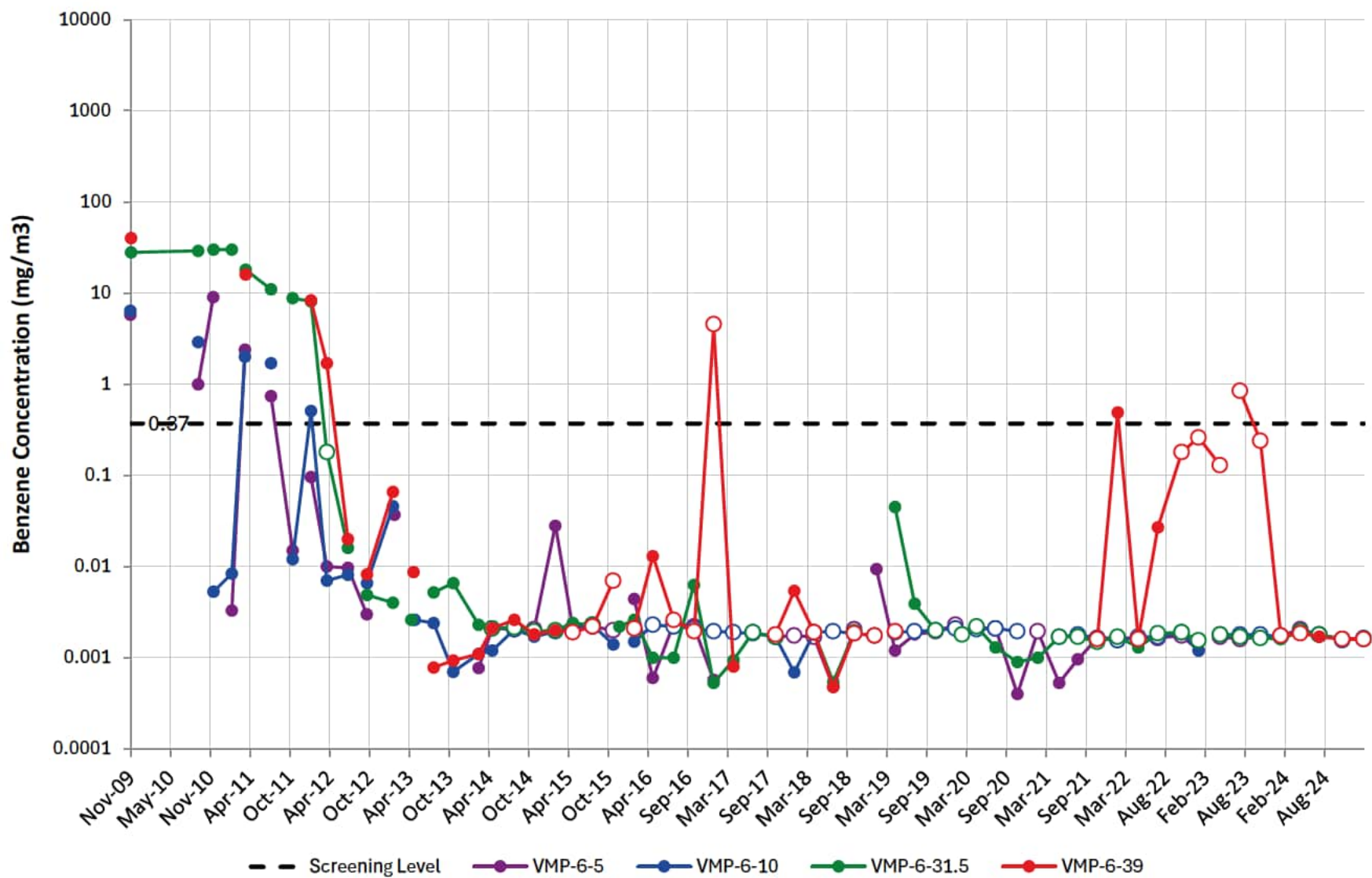
VMP-5

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



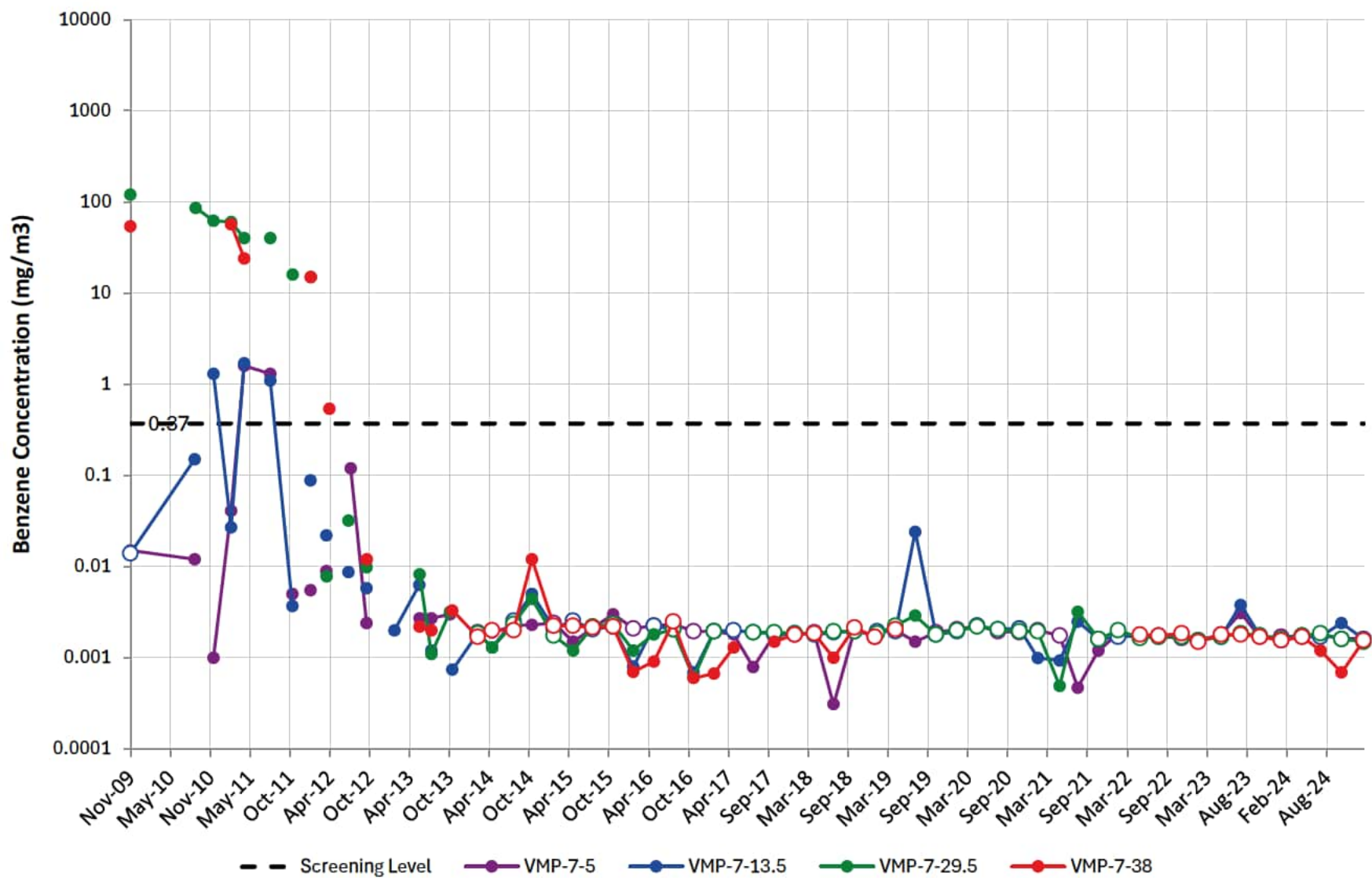
VMP-6

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



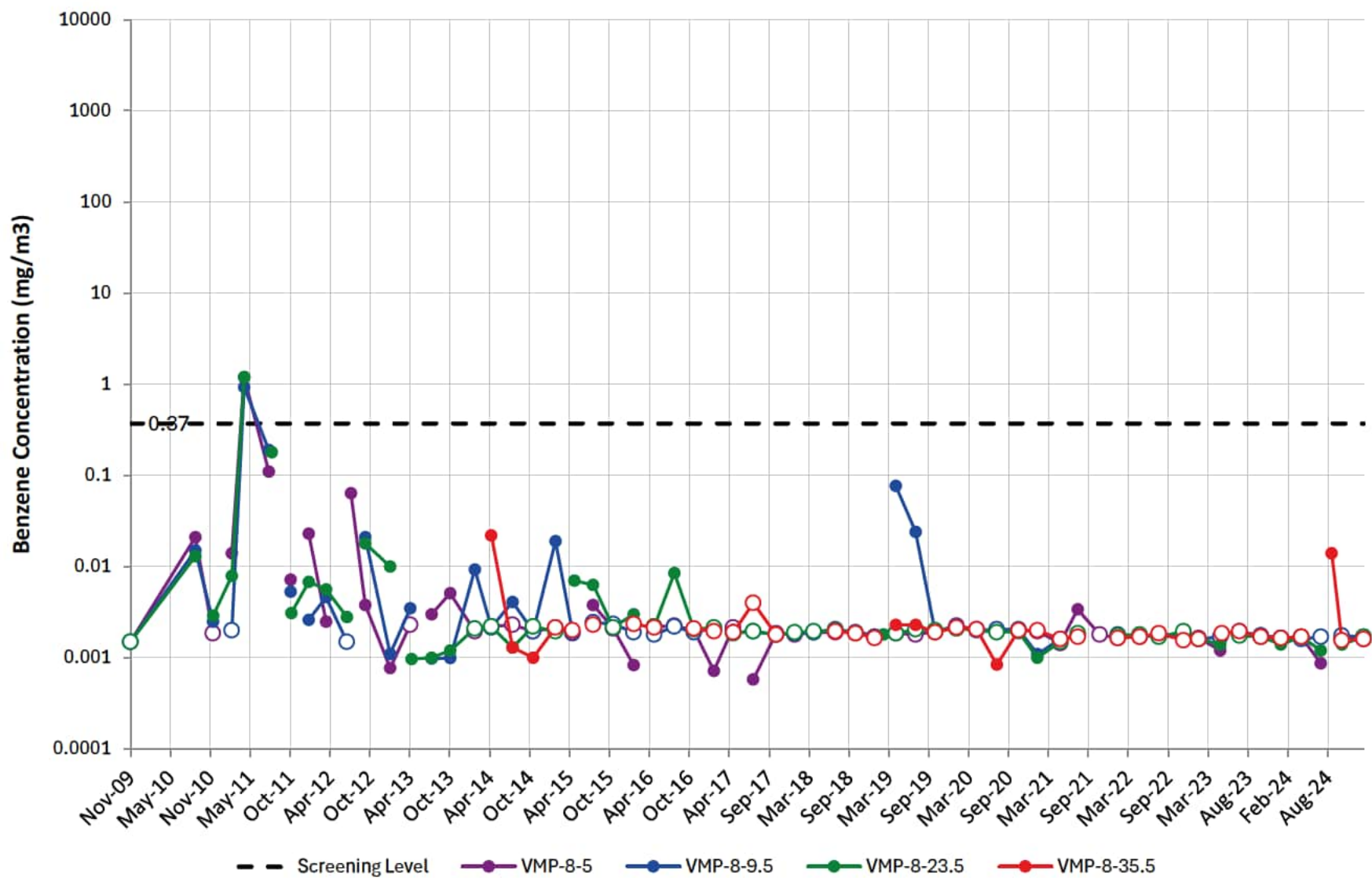
VMP-7

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



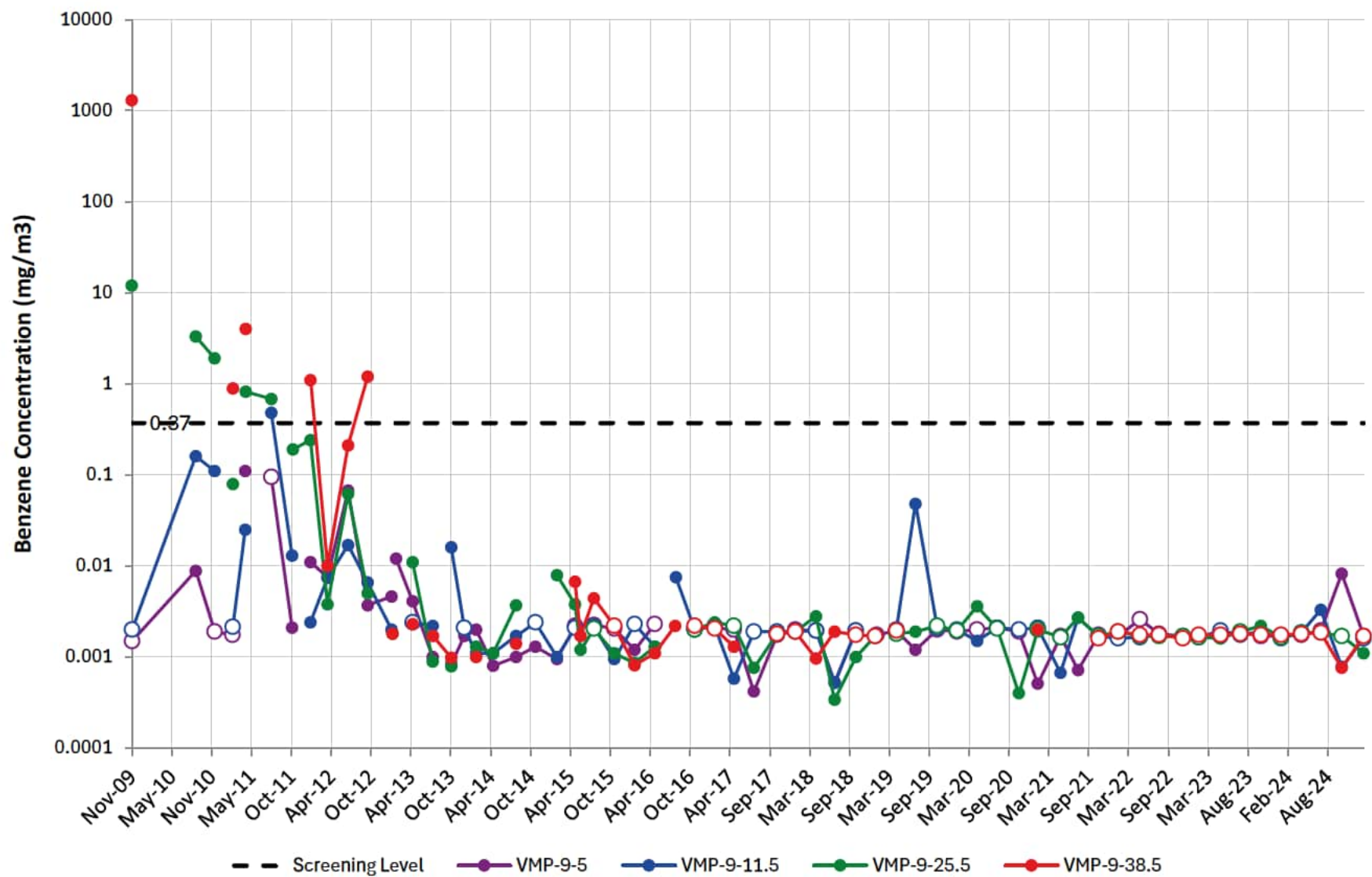
VMP-8

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



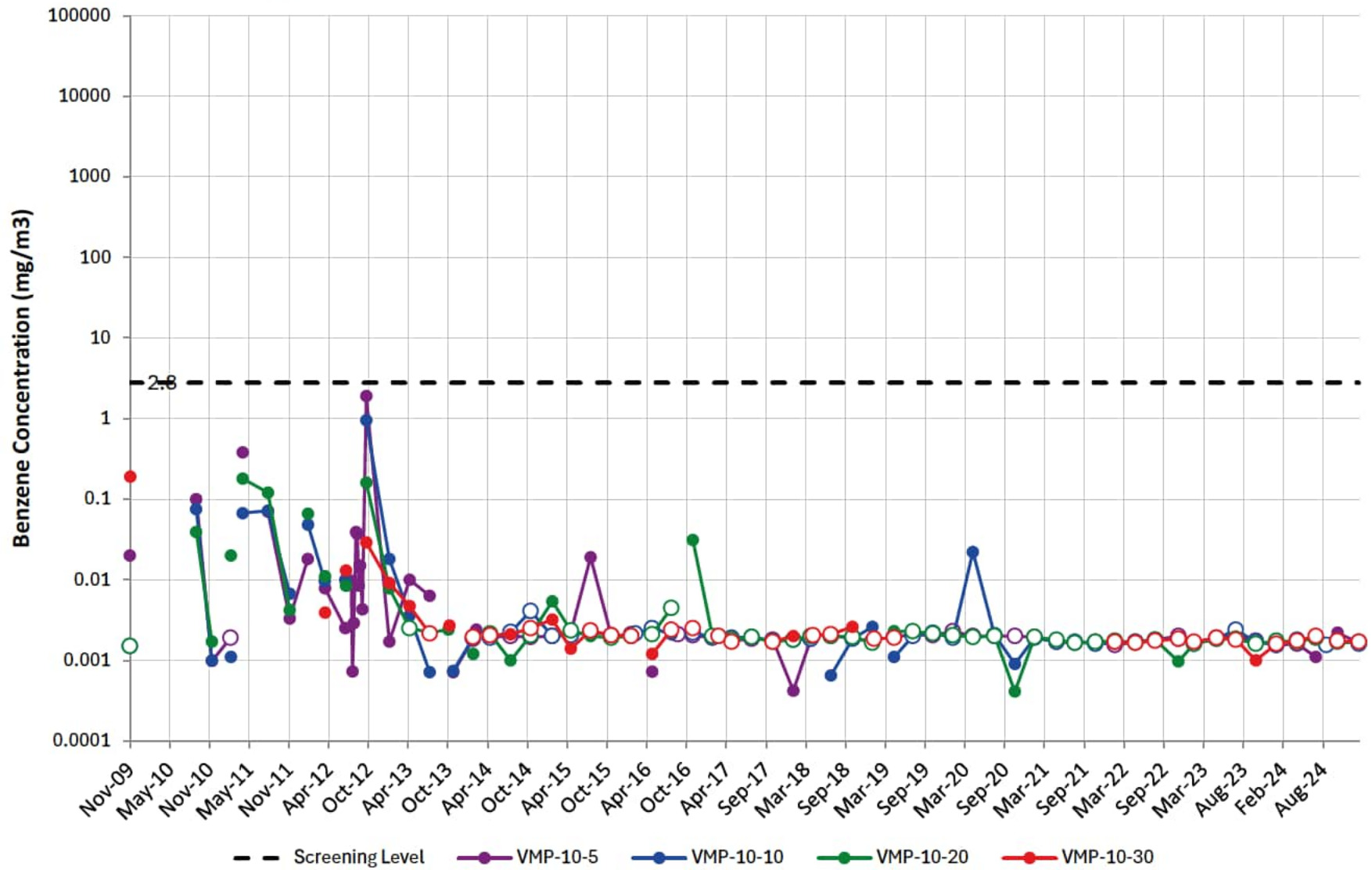
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Note: Open circles are non-detect results shown at $\frac{1}{2}$ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled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



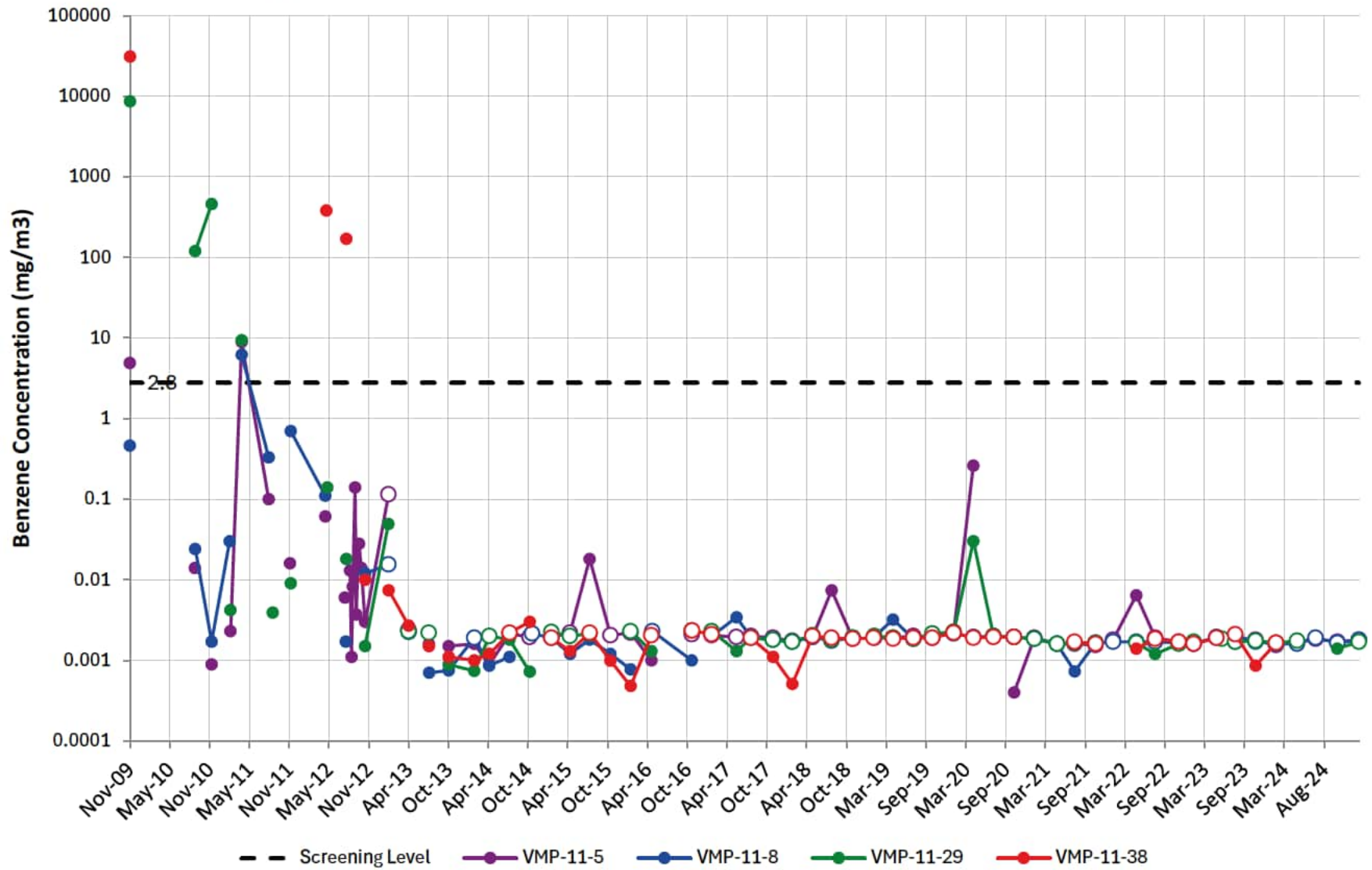
VMP-10

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



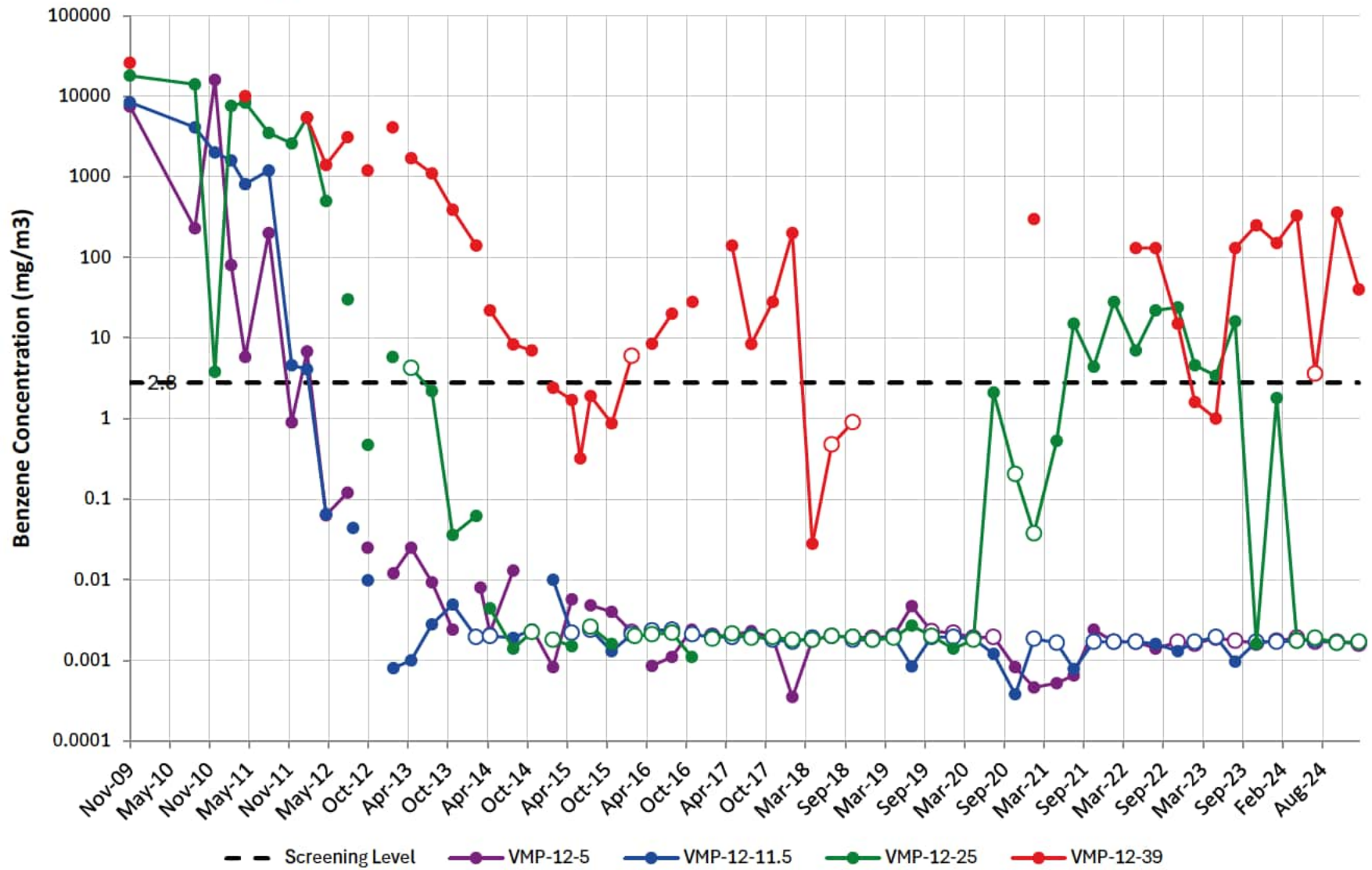
VMP-11

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



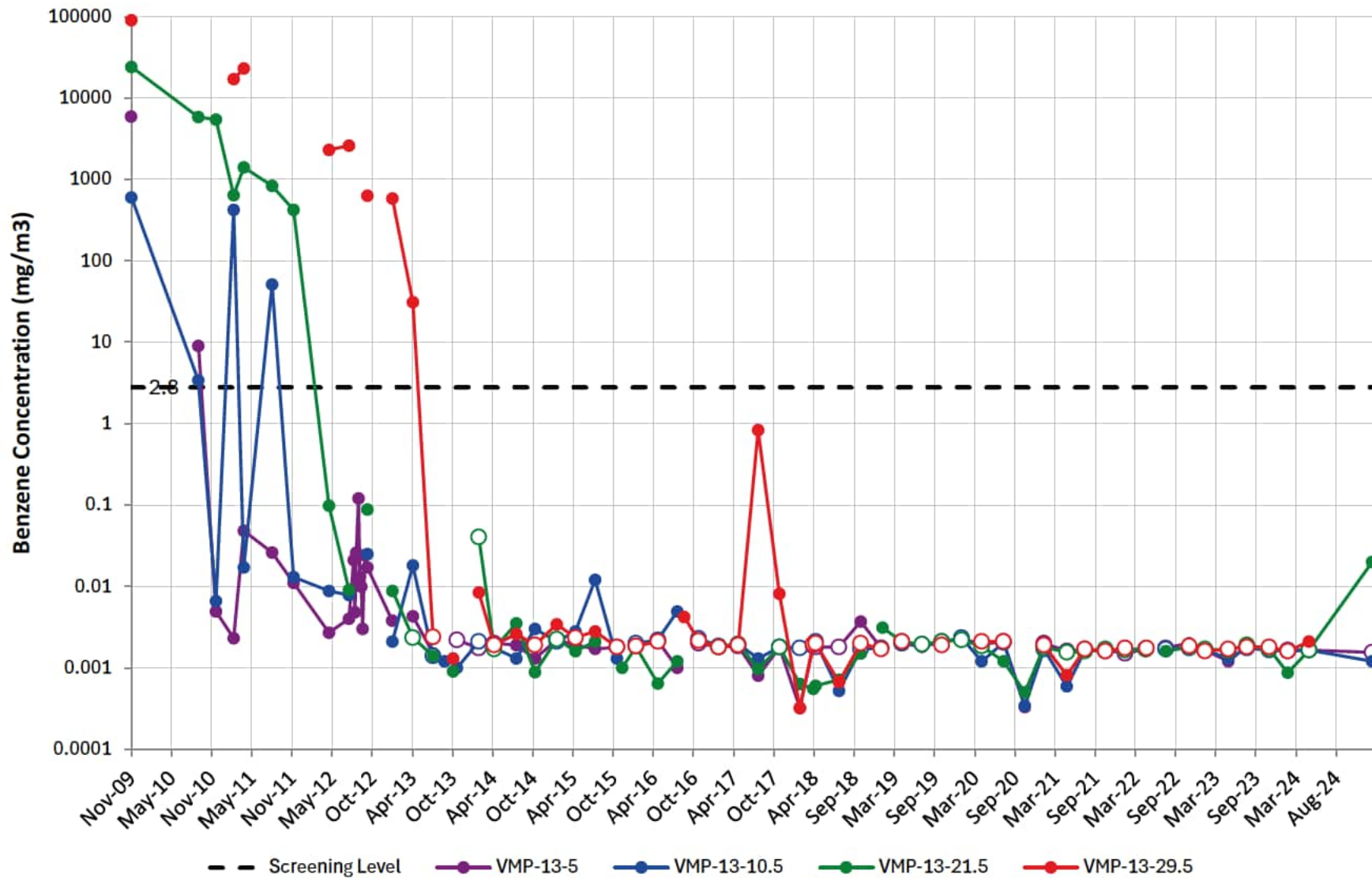
VMP-12

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



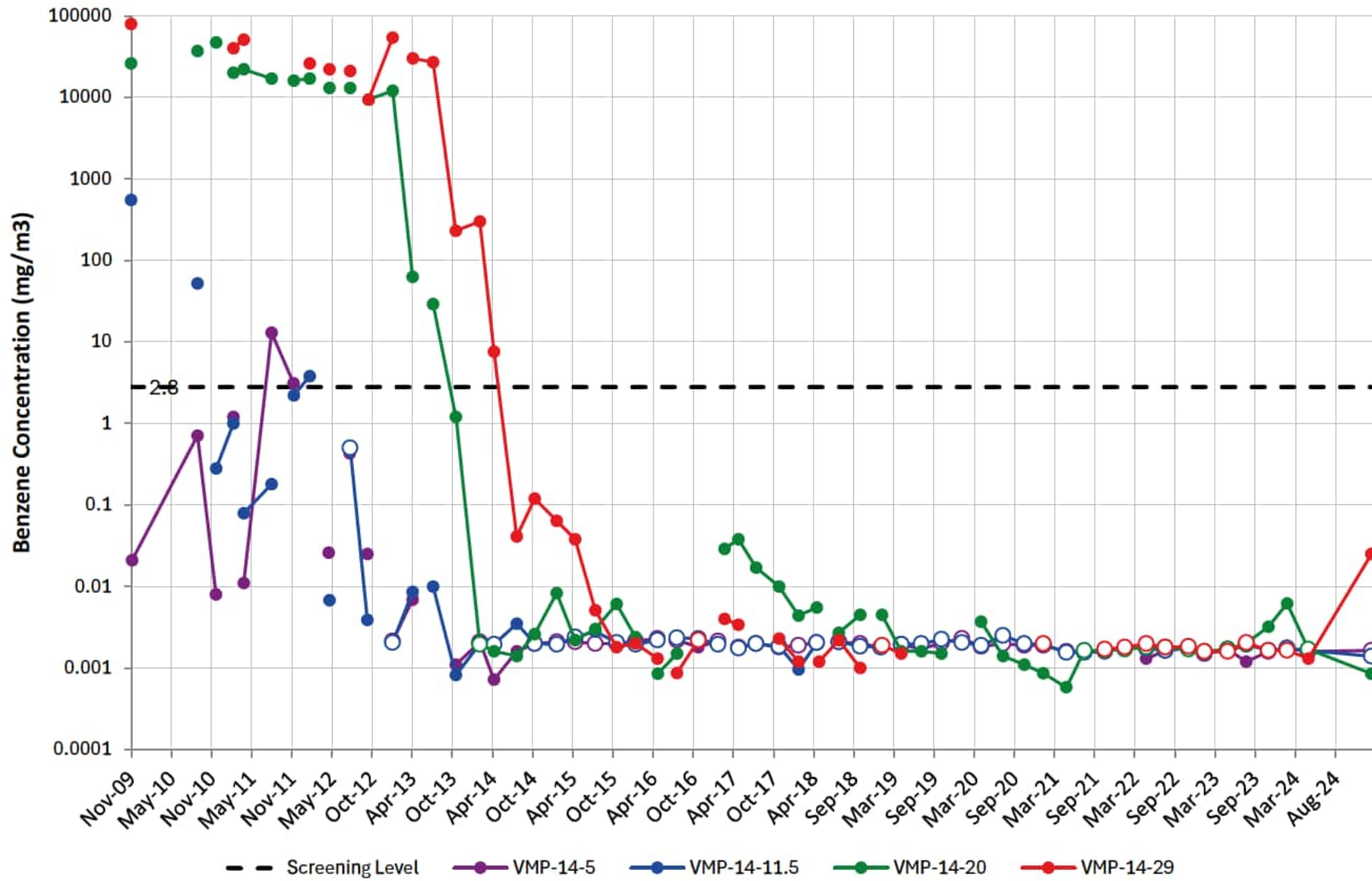
VMP-13

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



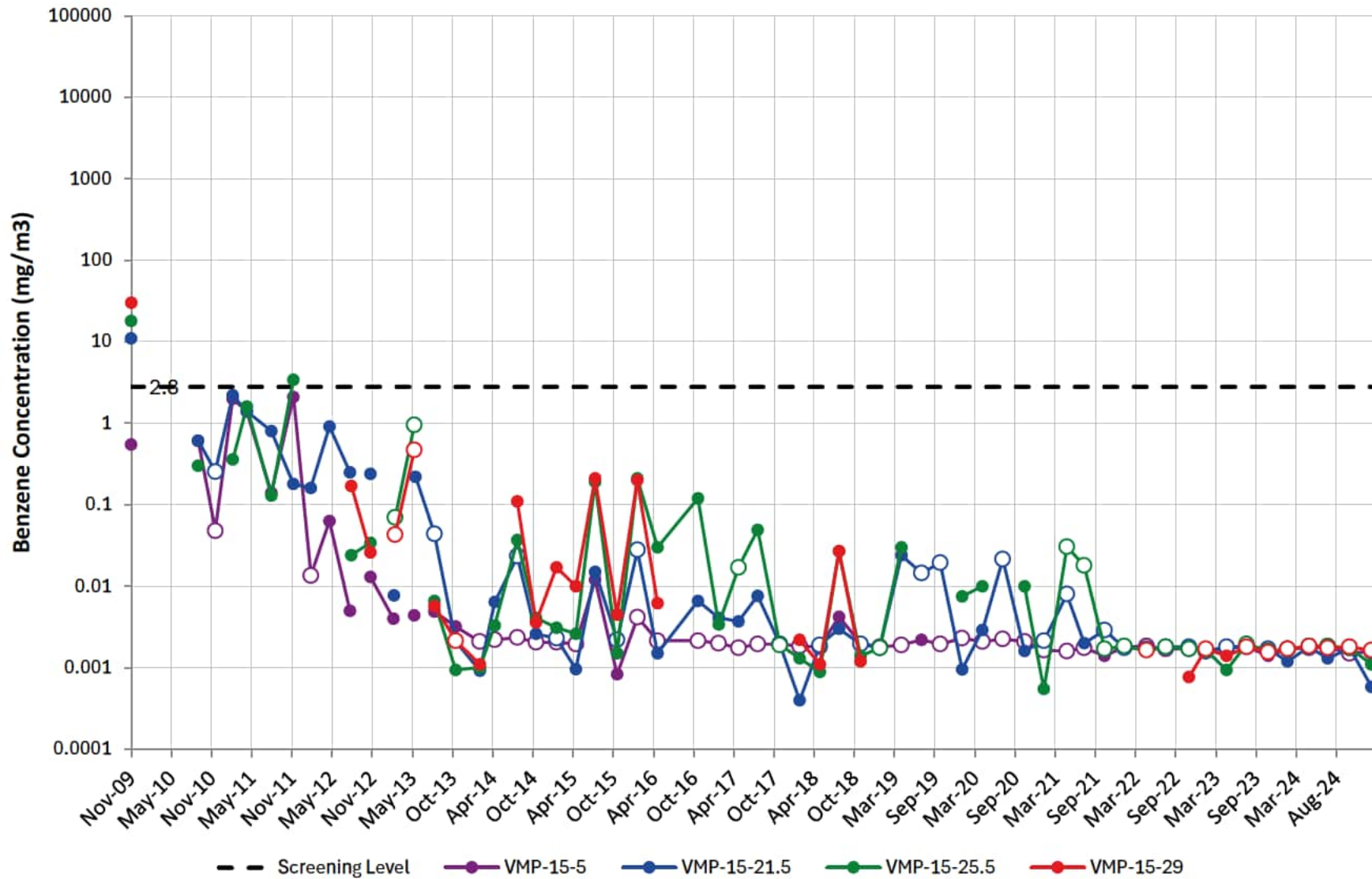
VMP-14

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



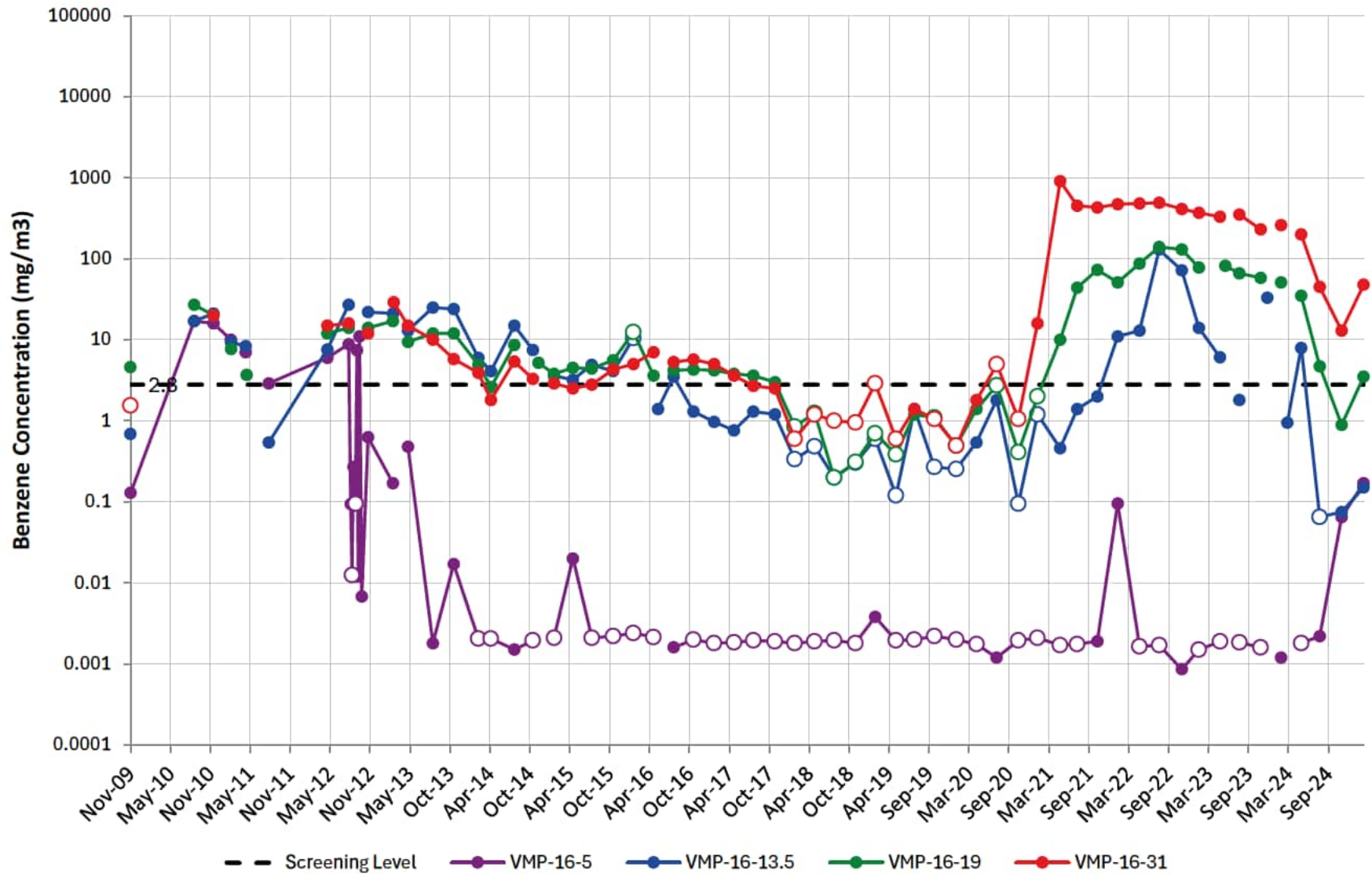
VMP-15

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



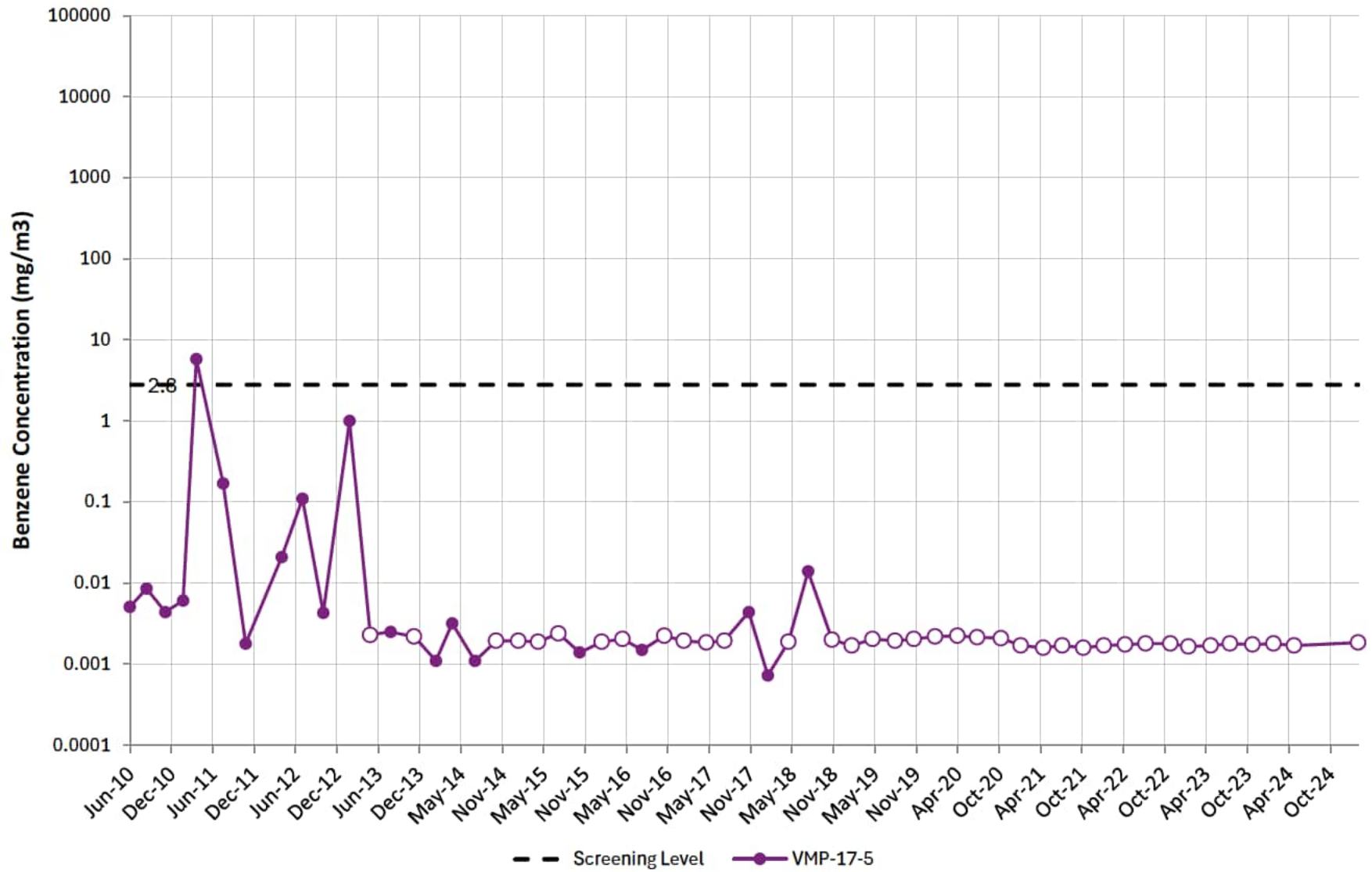
VMP-16

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



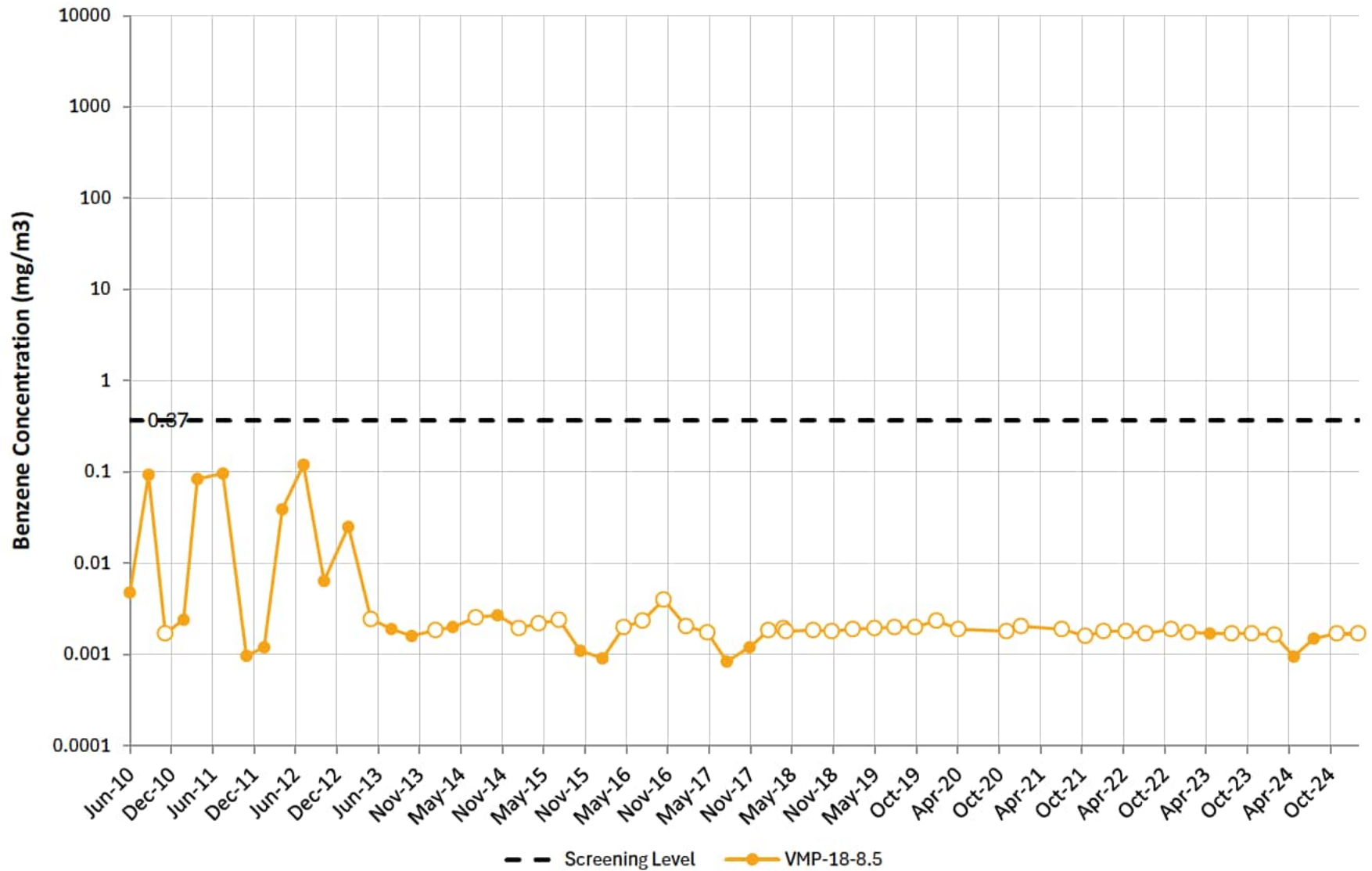
VMP-17

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



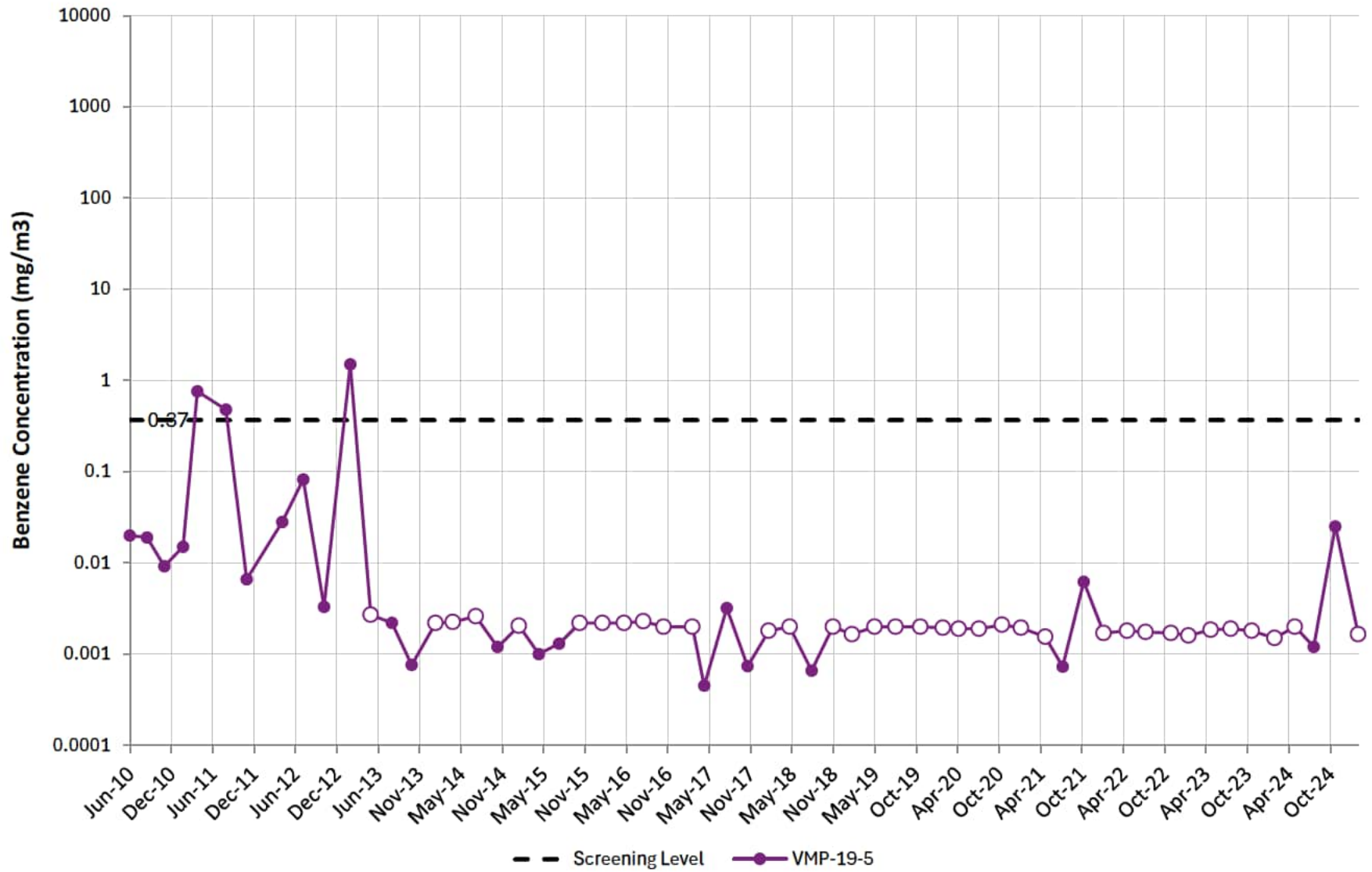
VMP-18

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



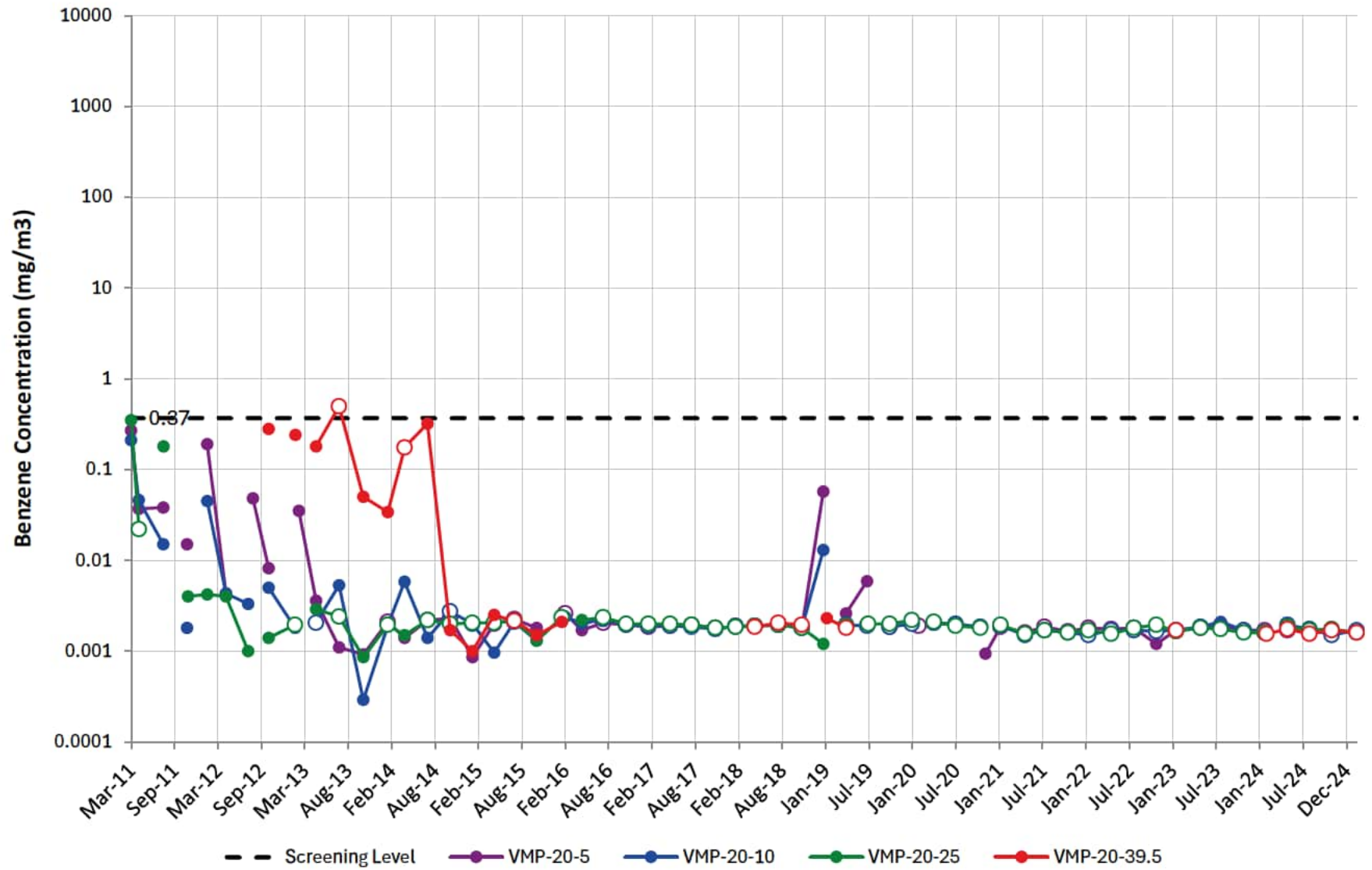
VMP-19

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



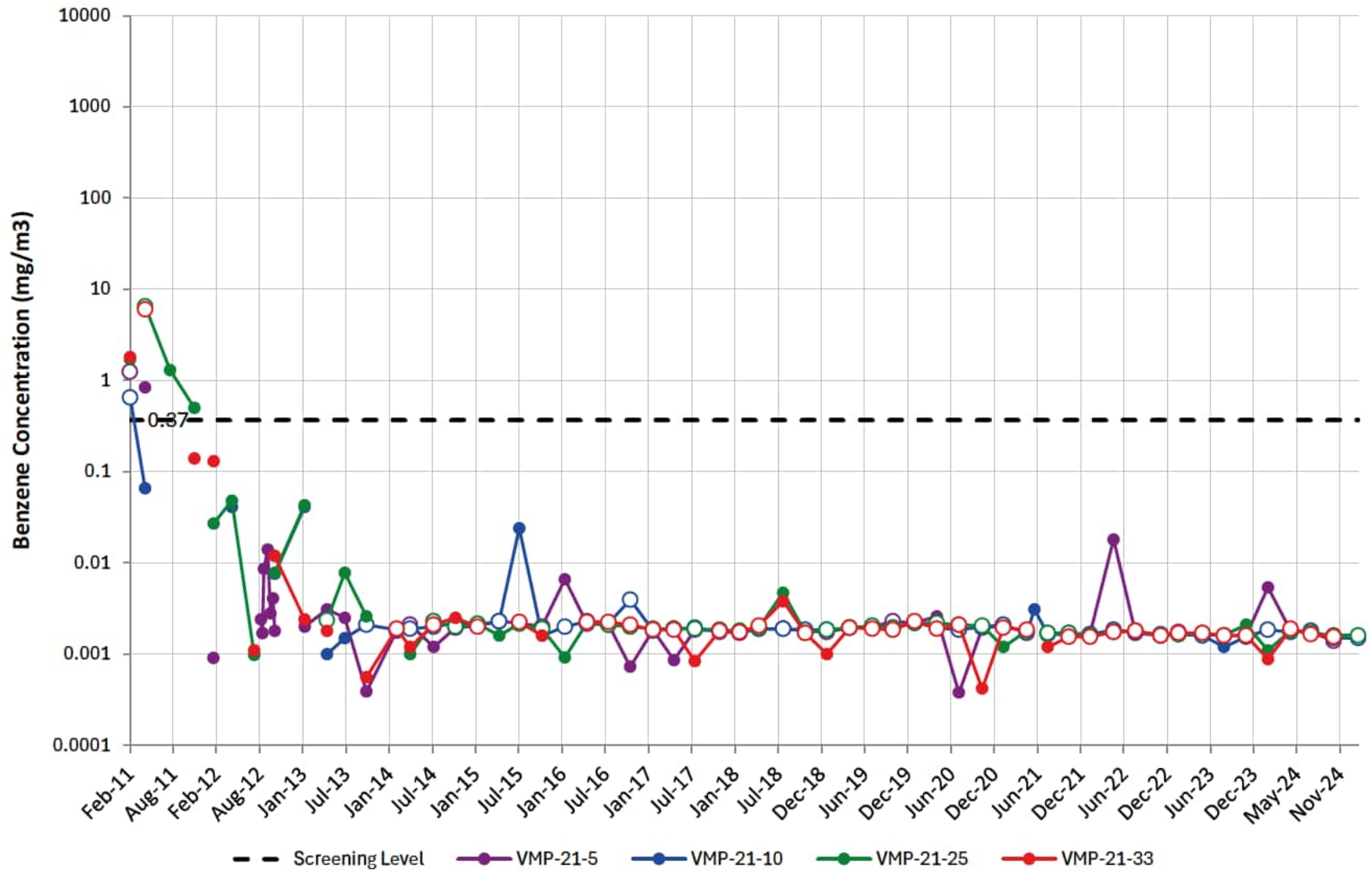
VMP-20

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



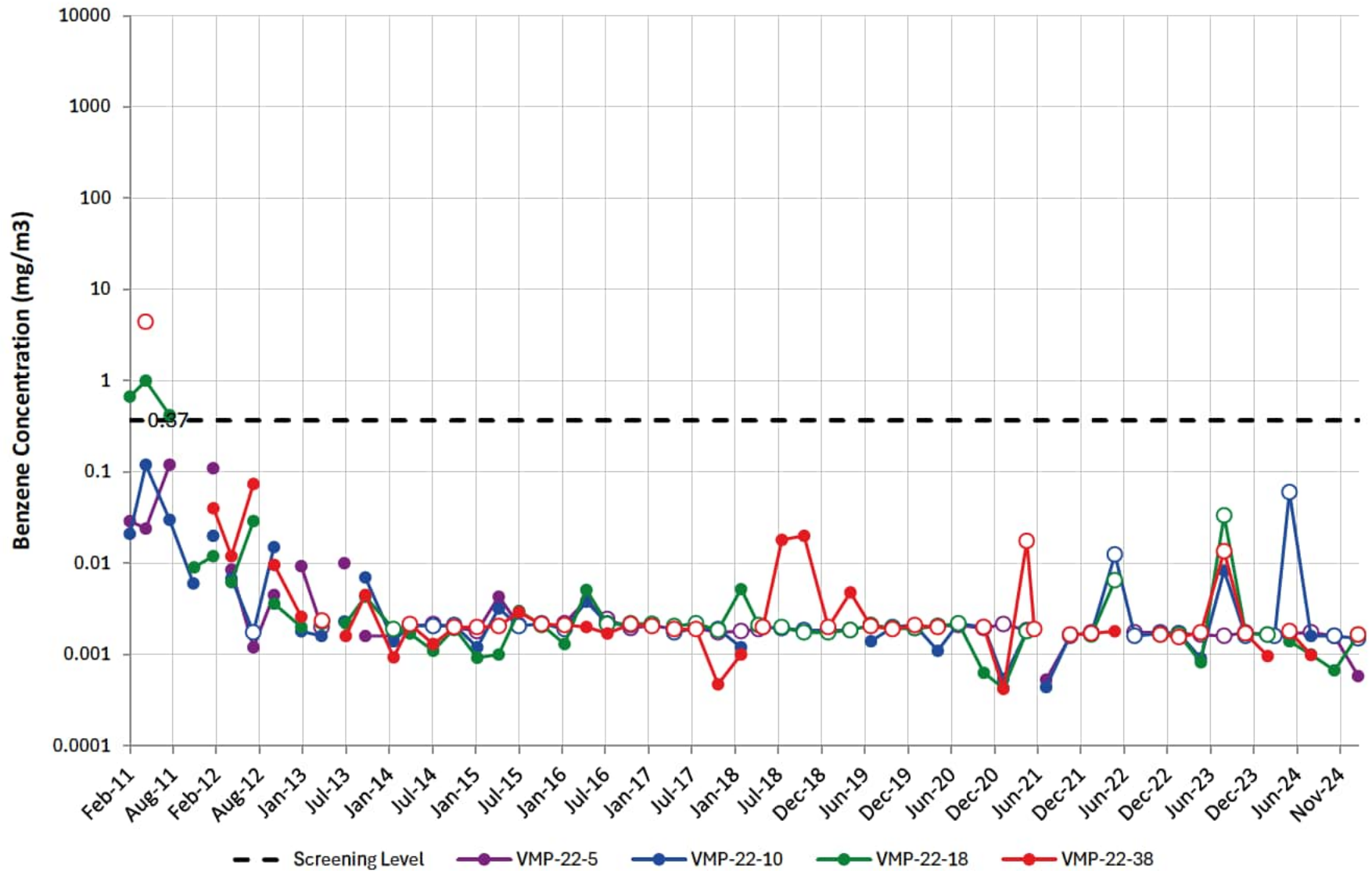
VMP-21

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



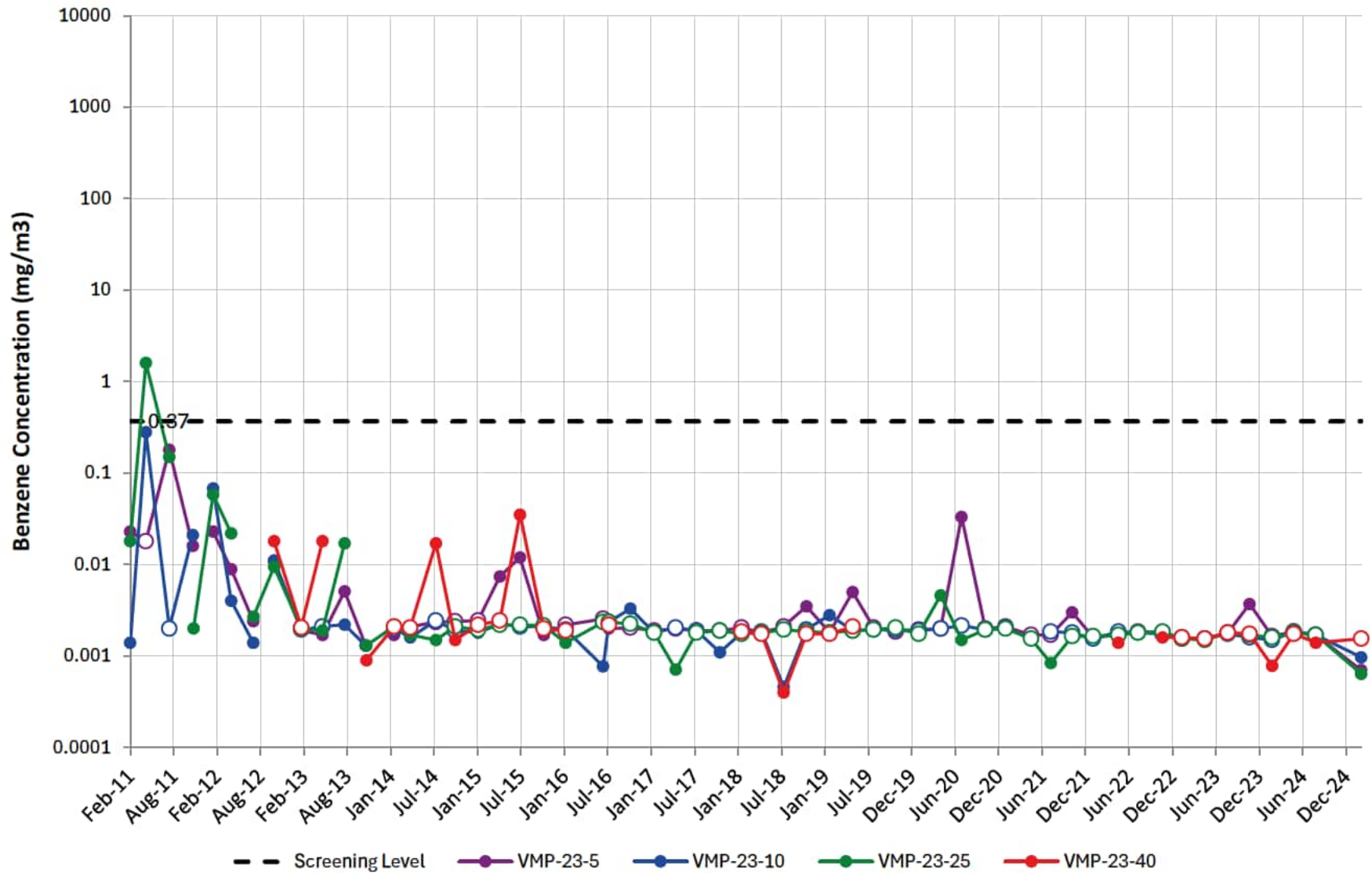
VMP-22

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



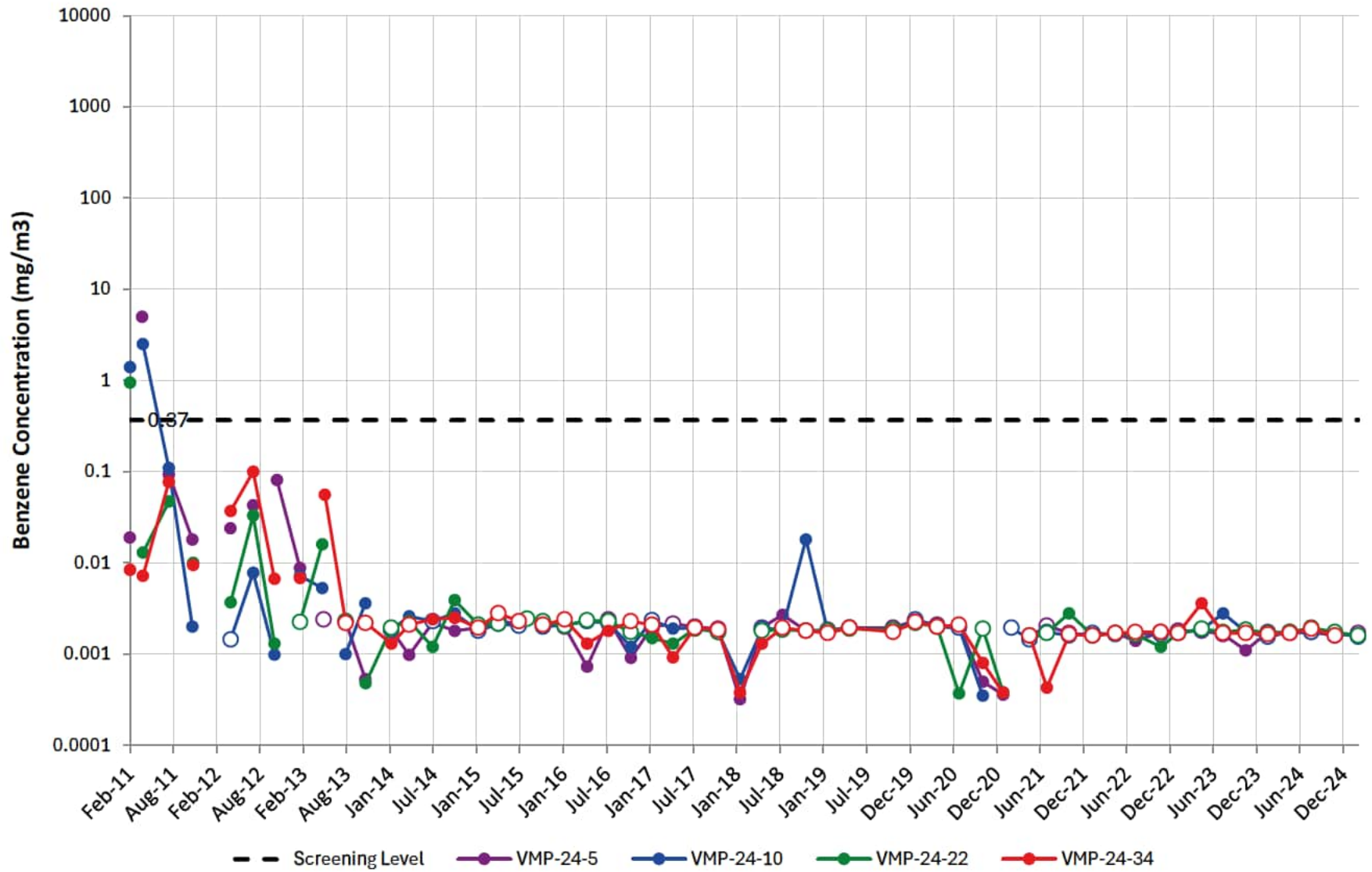
VMP-23

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



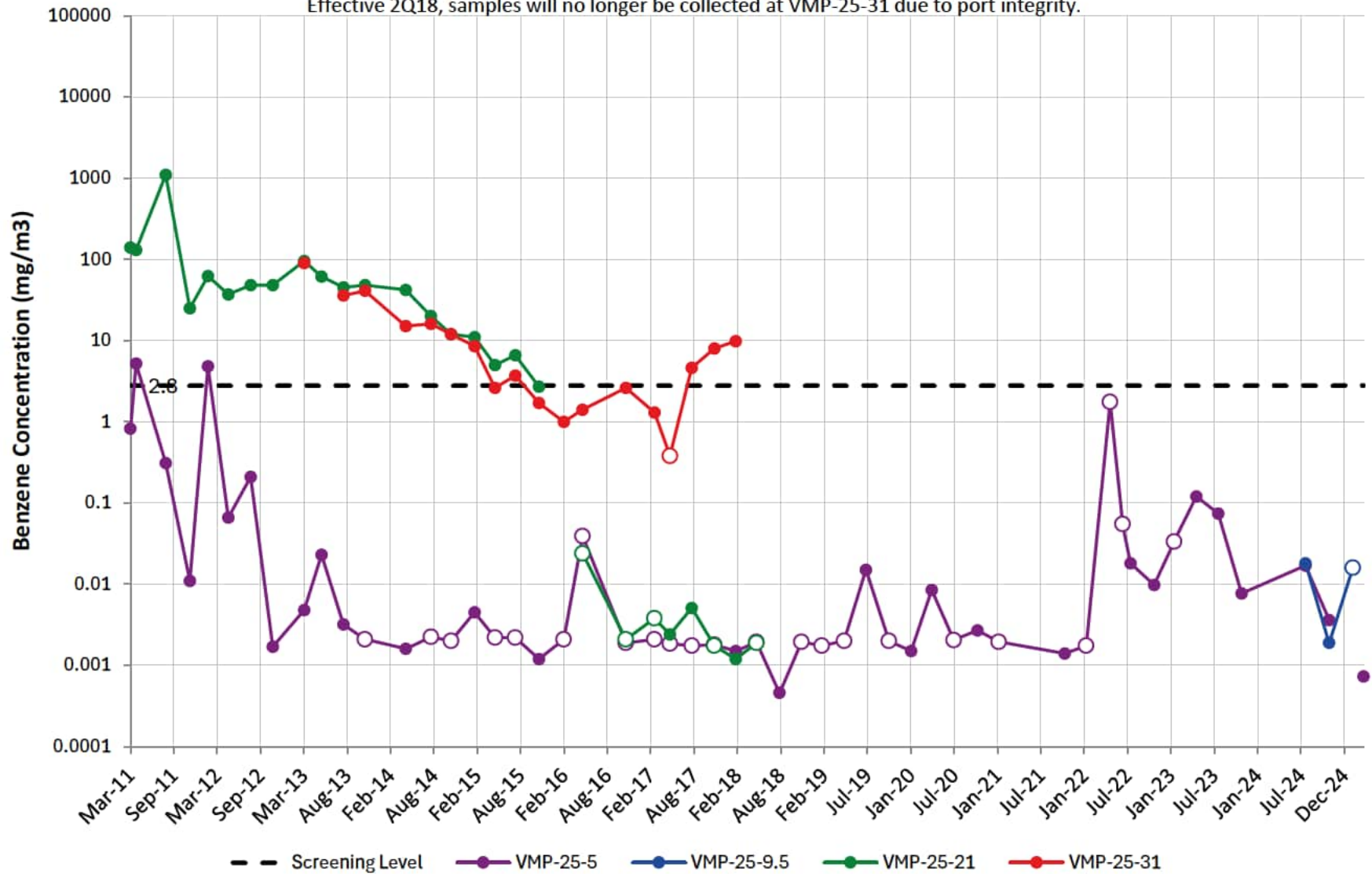
VMP-24

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



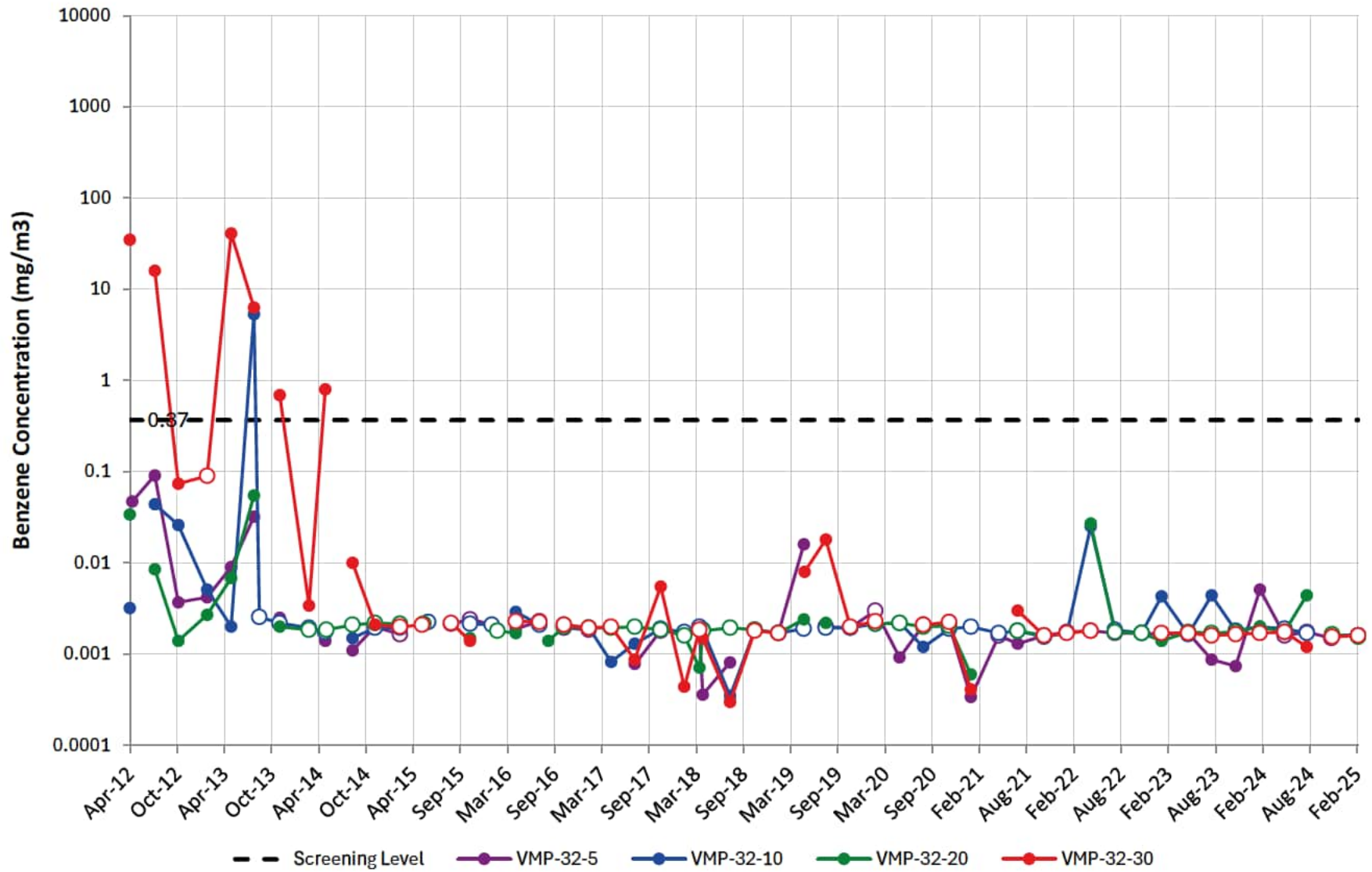
VMP-25

Note: Open circles are non-detect results shown at $\frac{1}{2}$ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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 Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



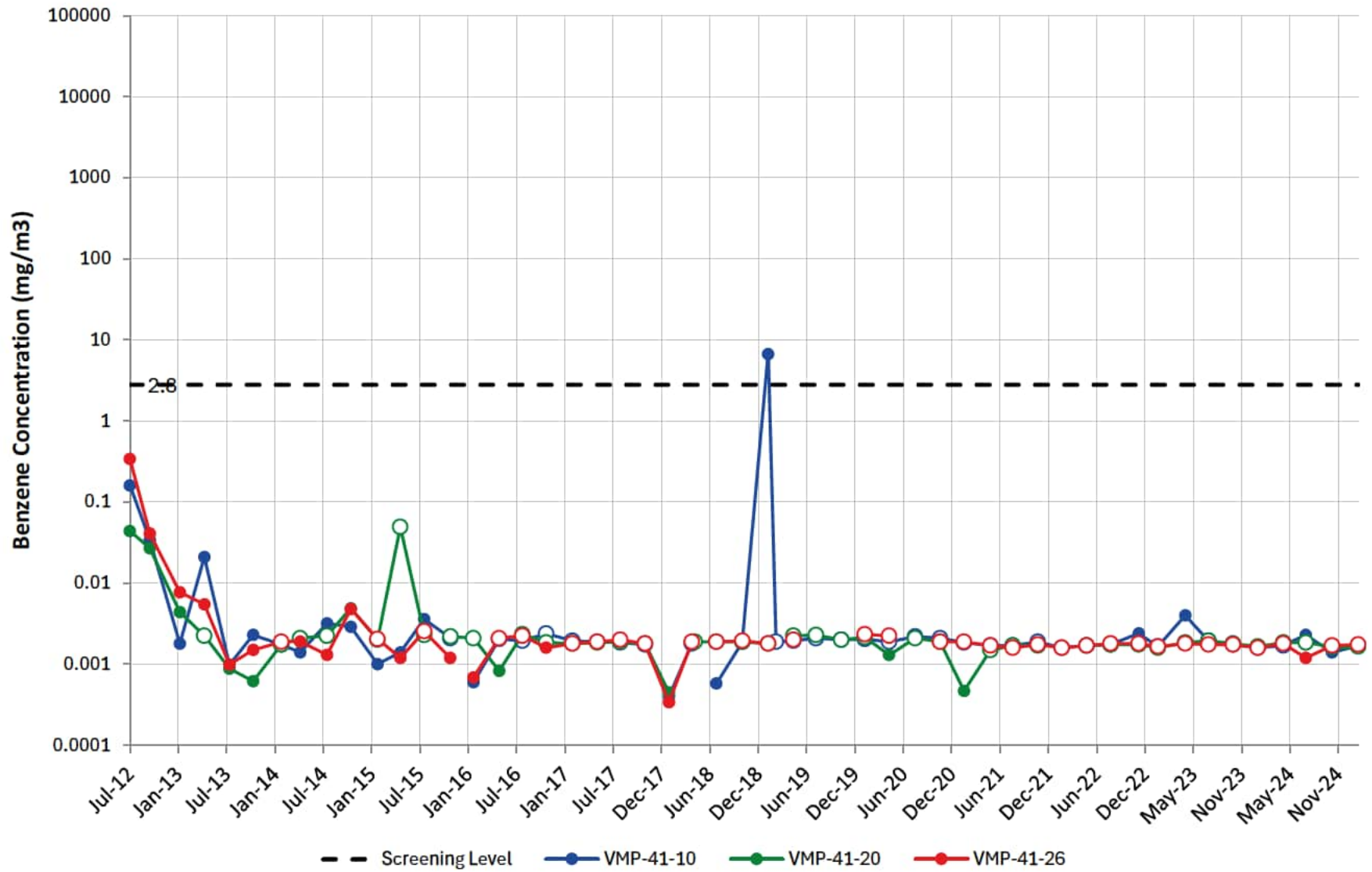
VMP-32

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



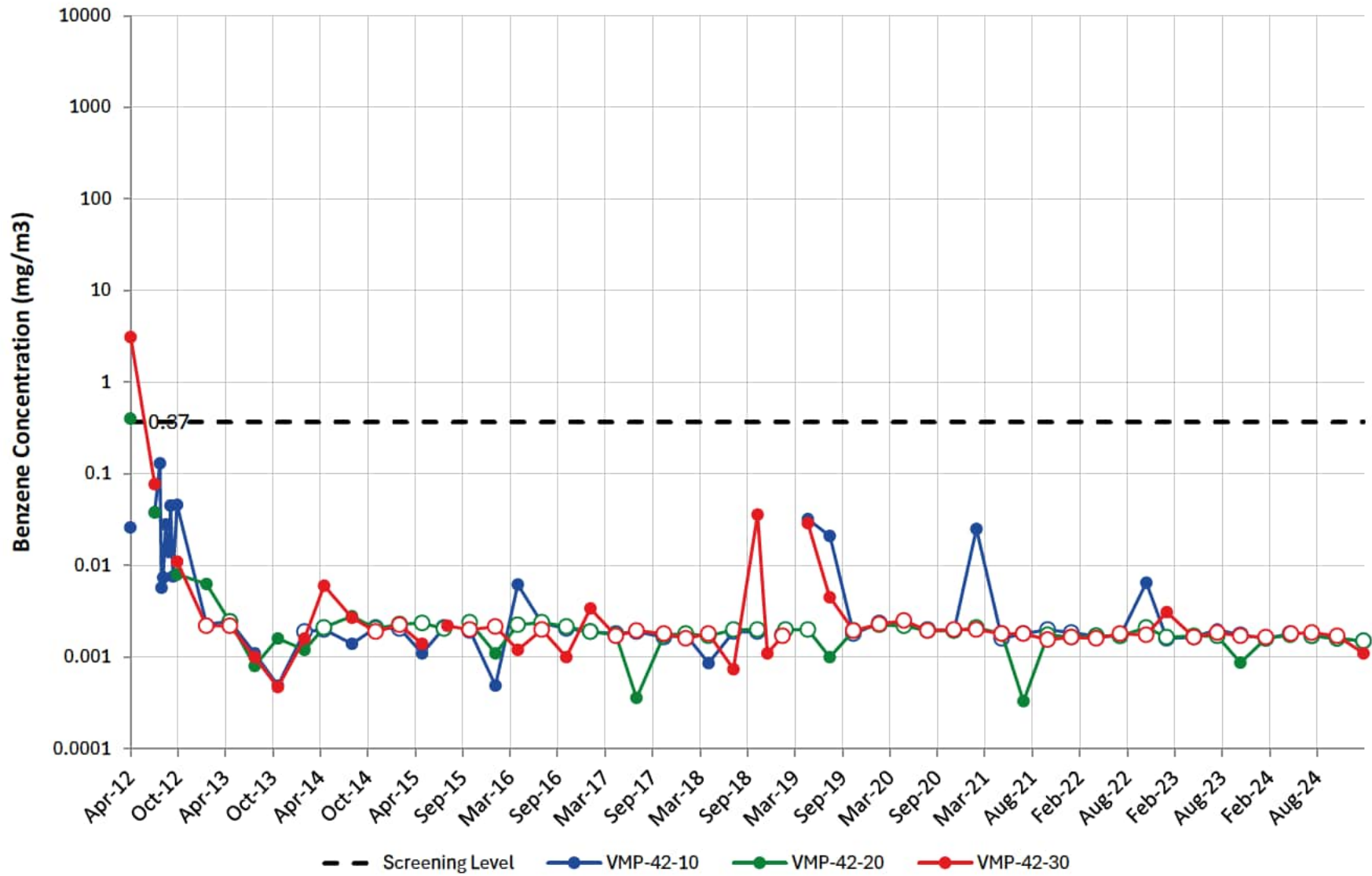
VMP-41

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



VMP-42

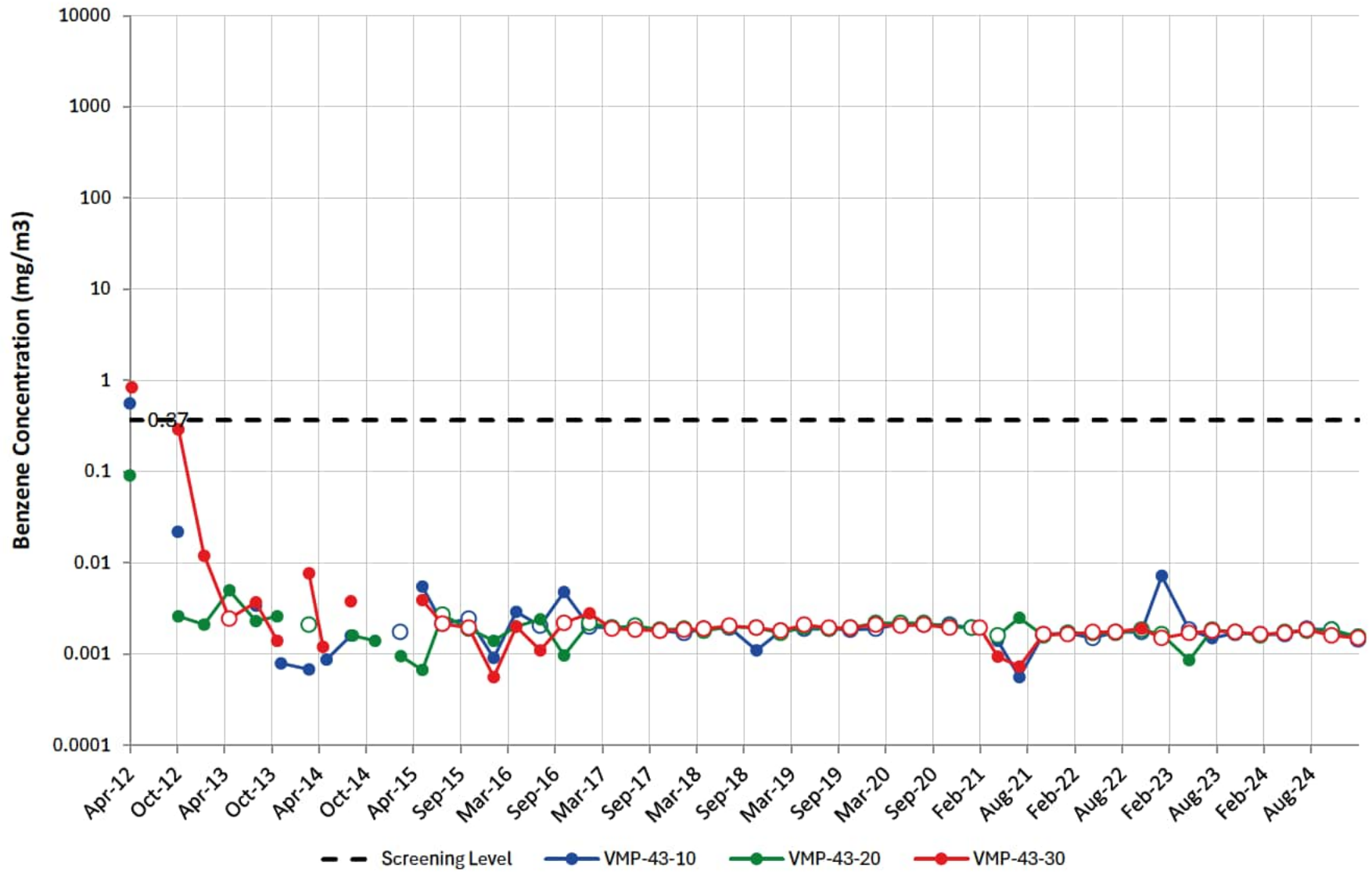
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Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.



VMP-43

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

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

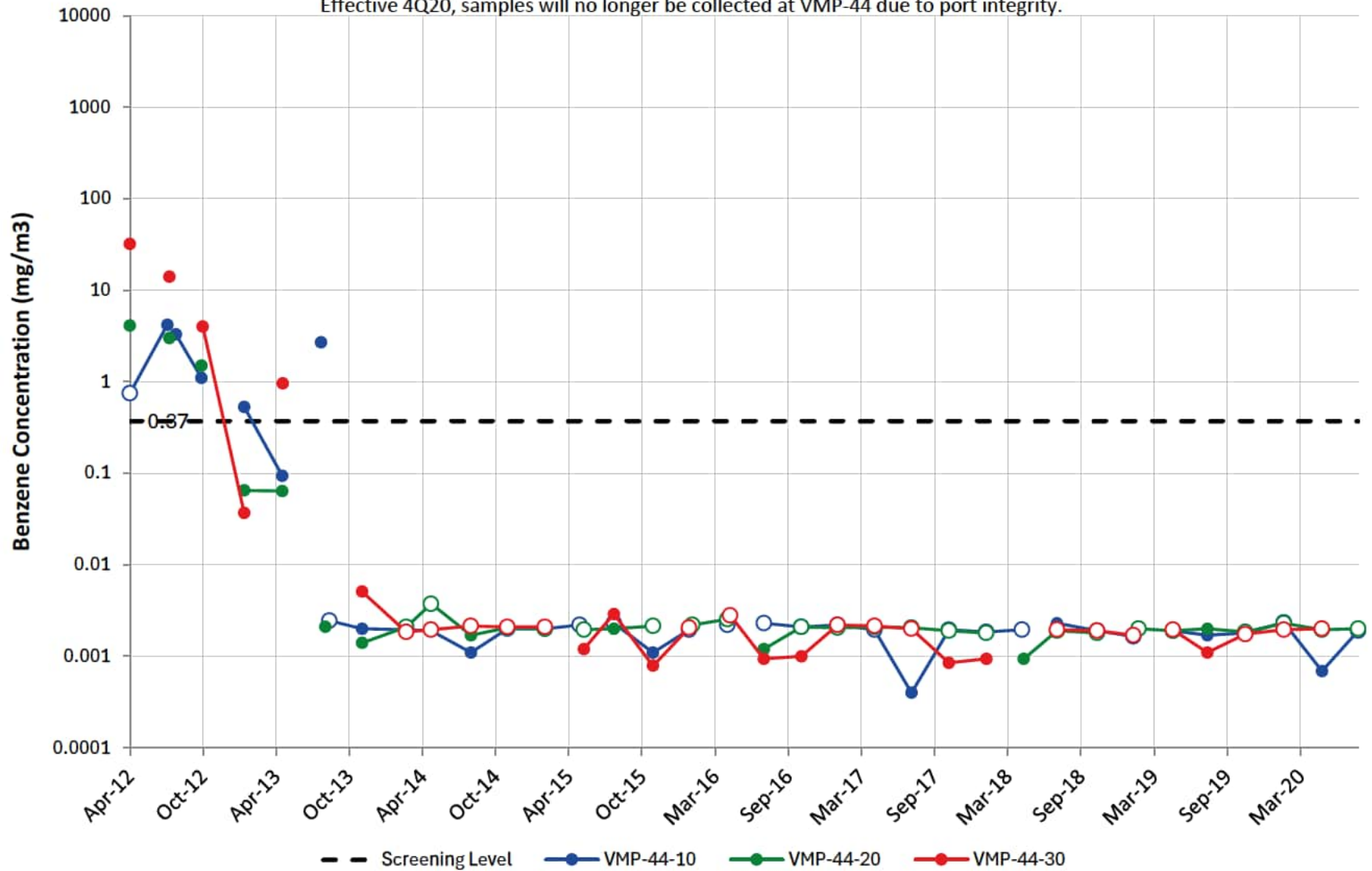


VMP-44

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

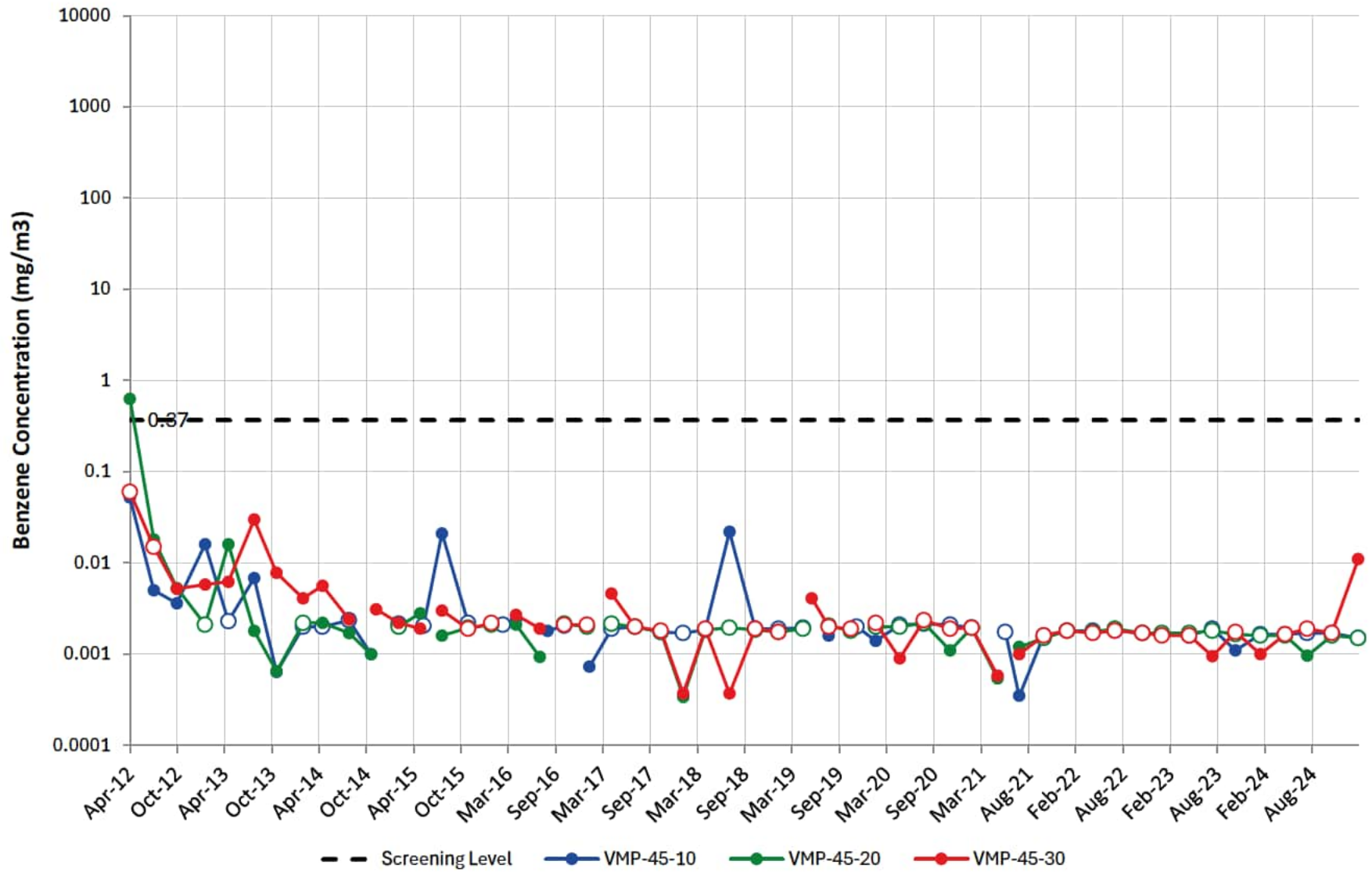
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

Effective 4Q20, samples will no longer be collected at VMP-44 due to port integrity.



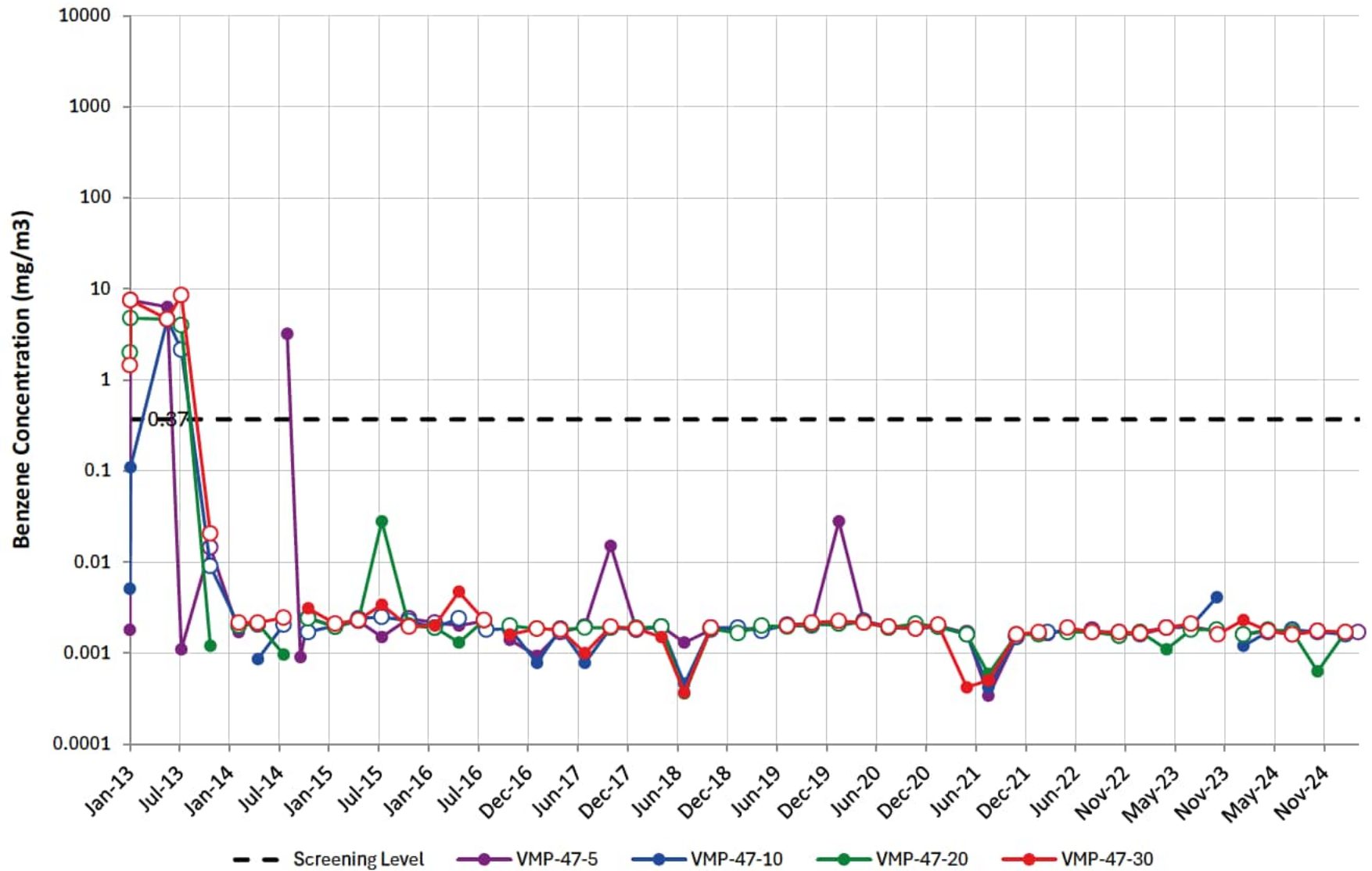
VMP-45

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



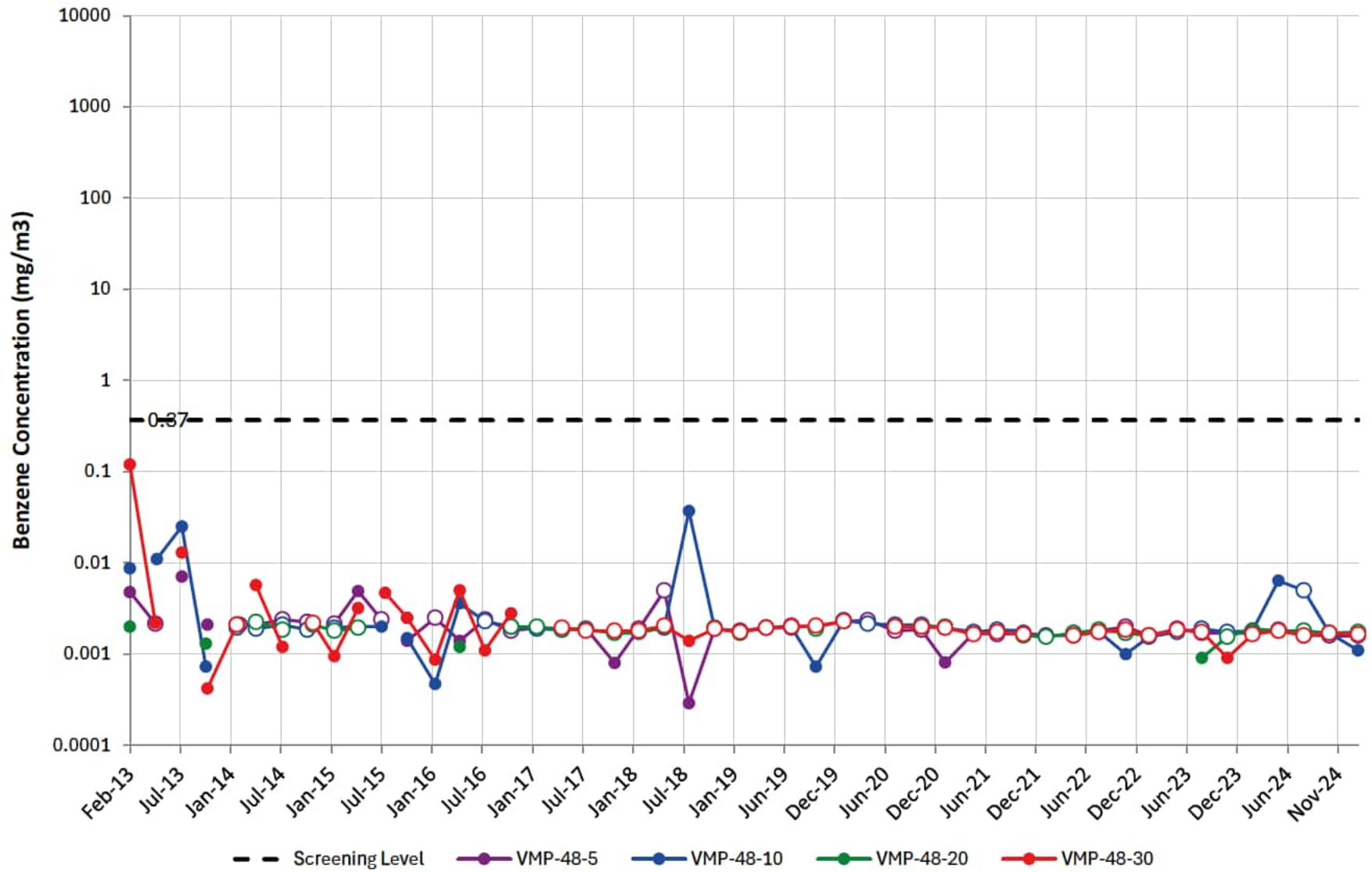
VMP-47

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



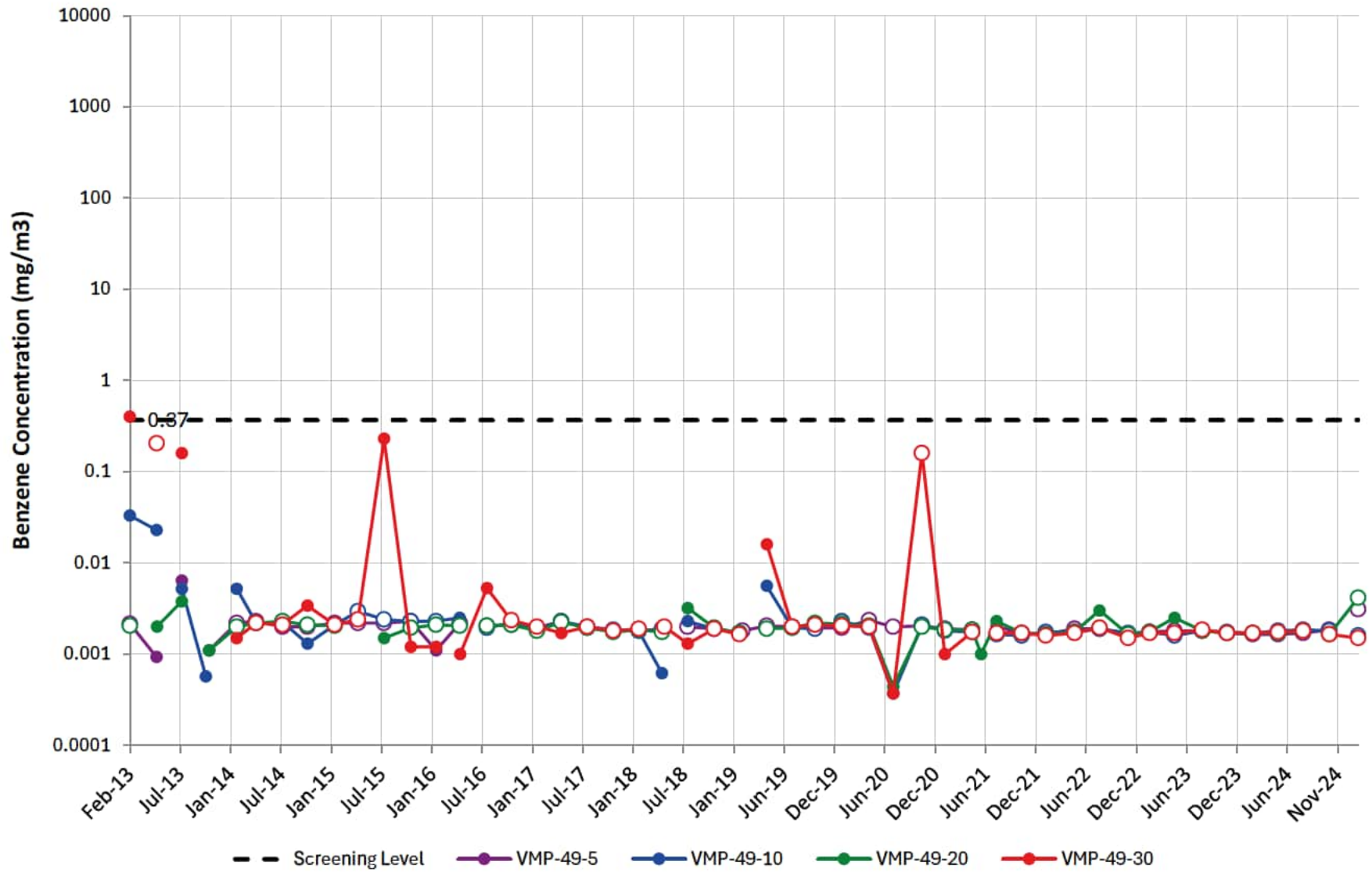
VMP-48

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



VMP-49

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

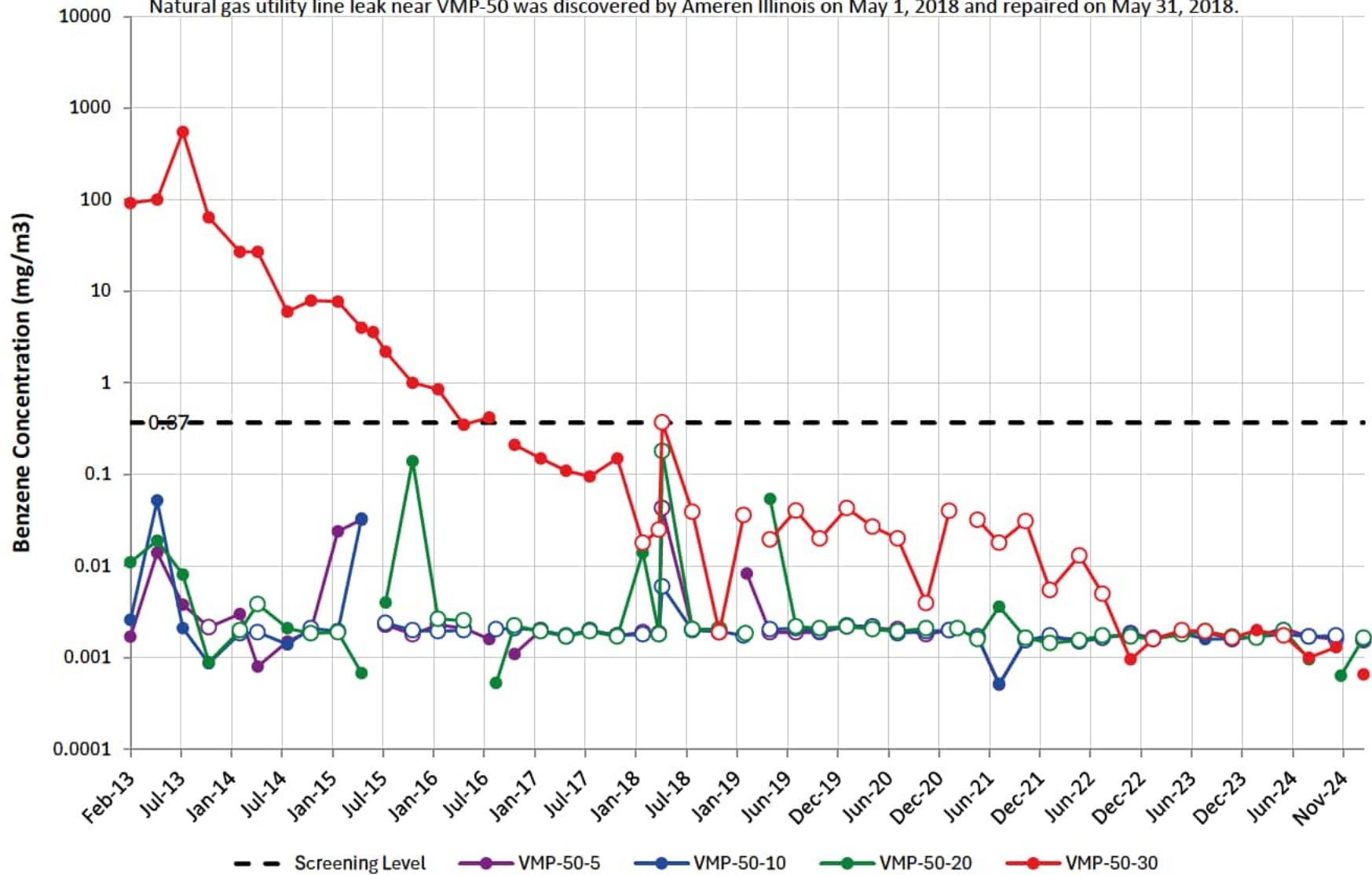


VMP-50

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

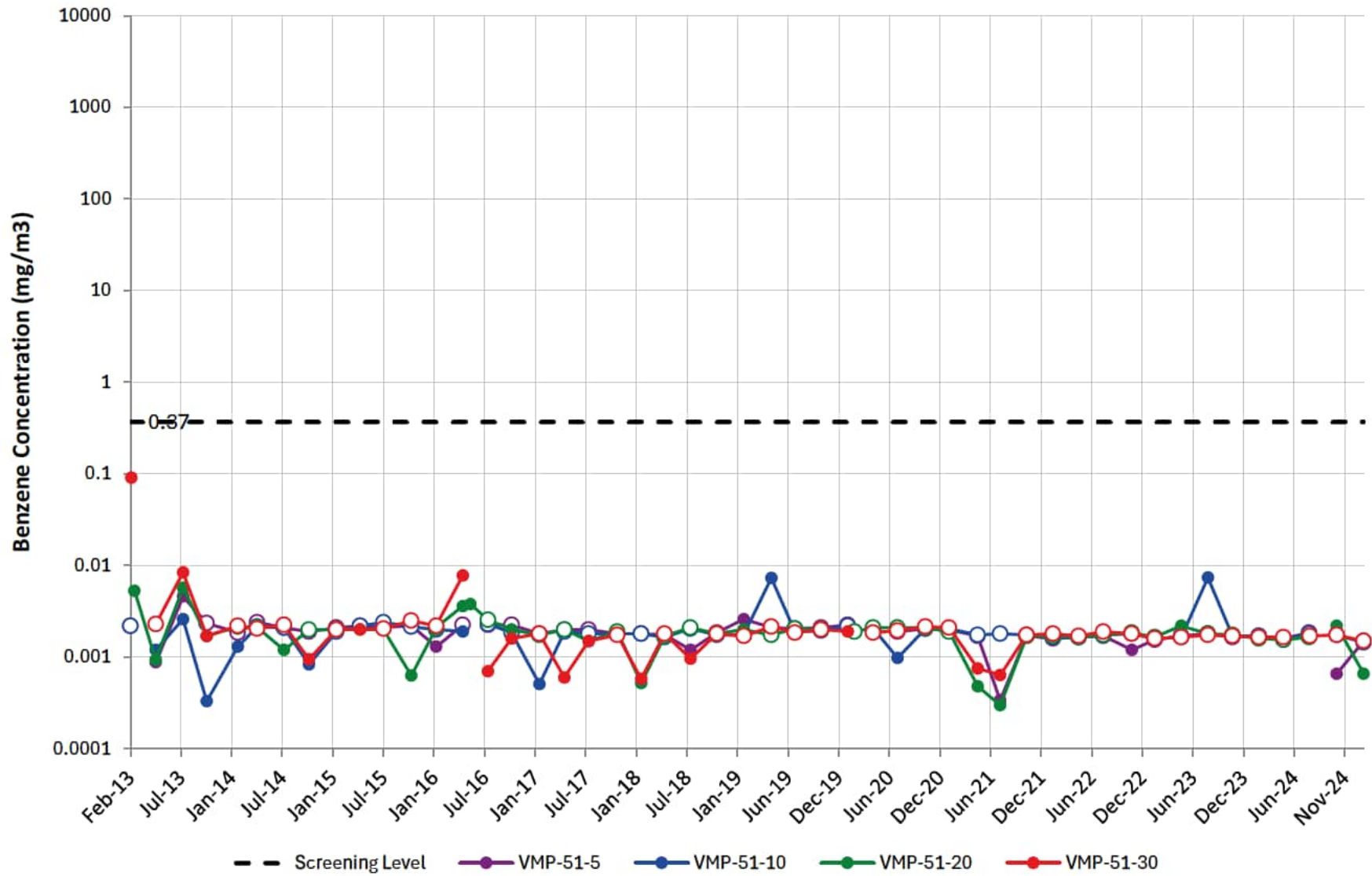
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

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



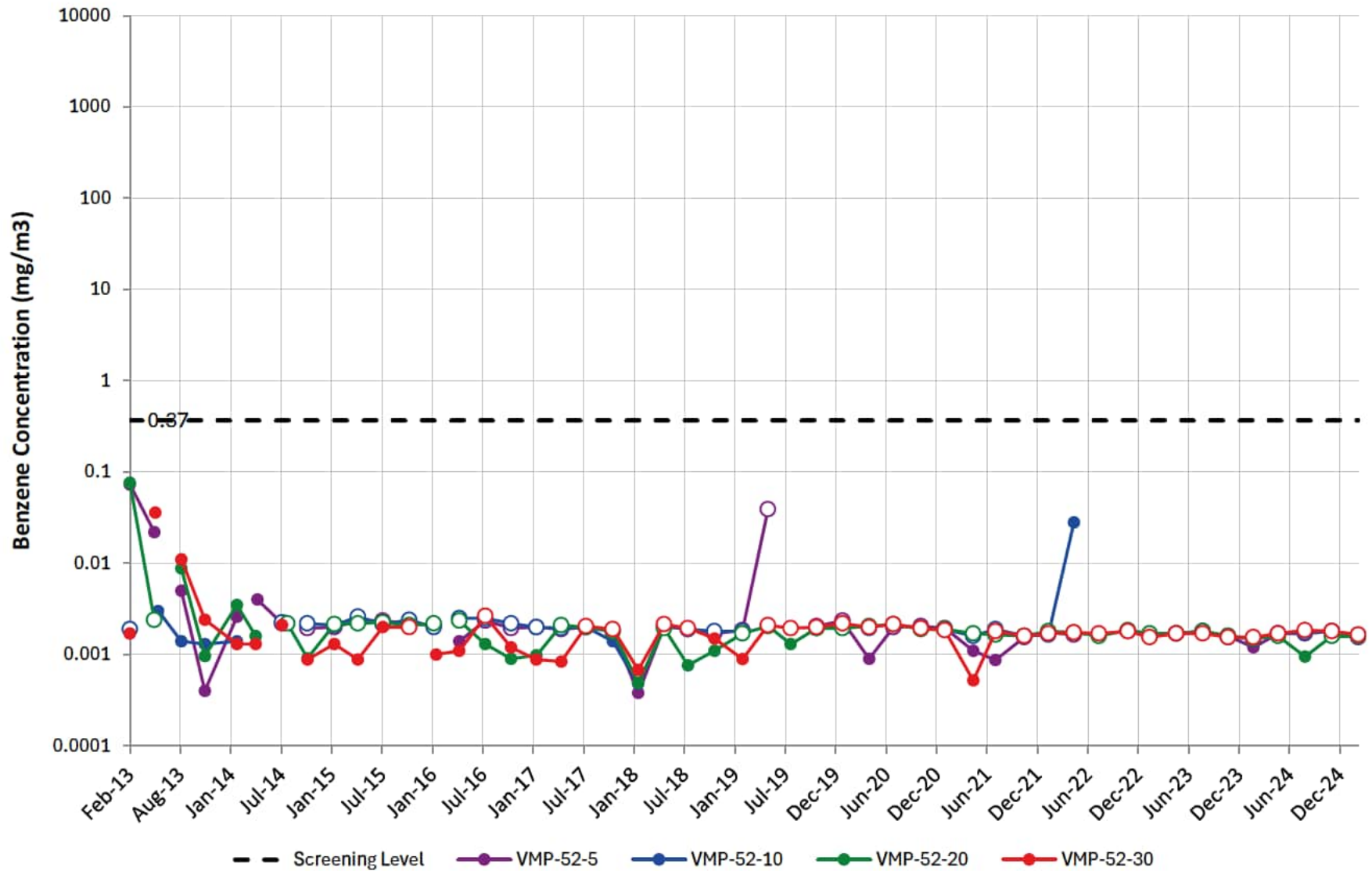
VMP-51

Note: Open circles are non-detect results shown at $\frac{1}{2}$ the reporting limit (PQL). Maximum result from parent/duplicate pair shown.
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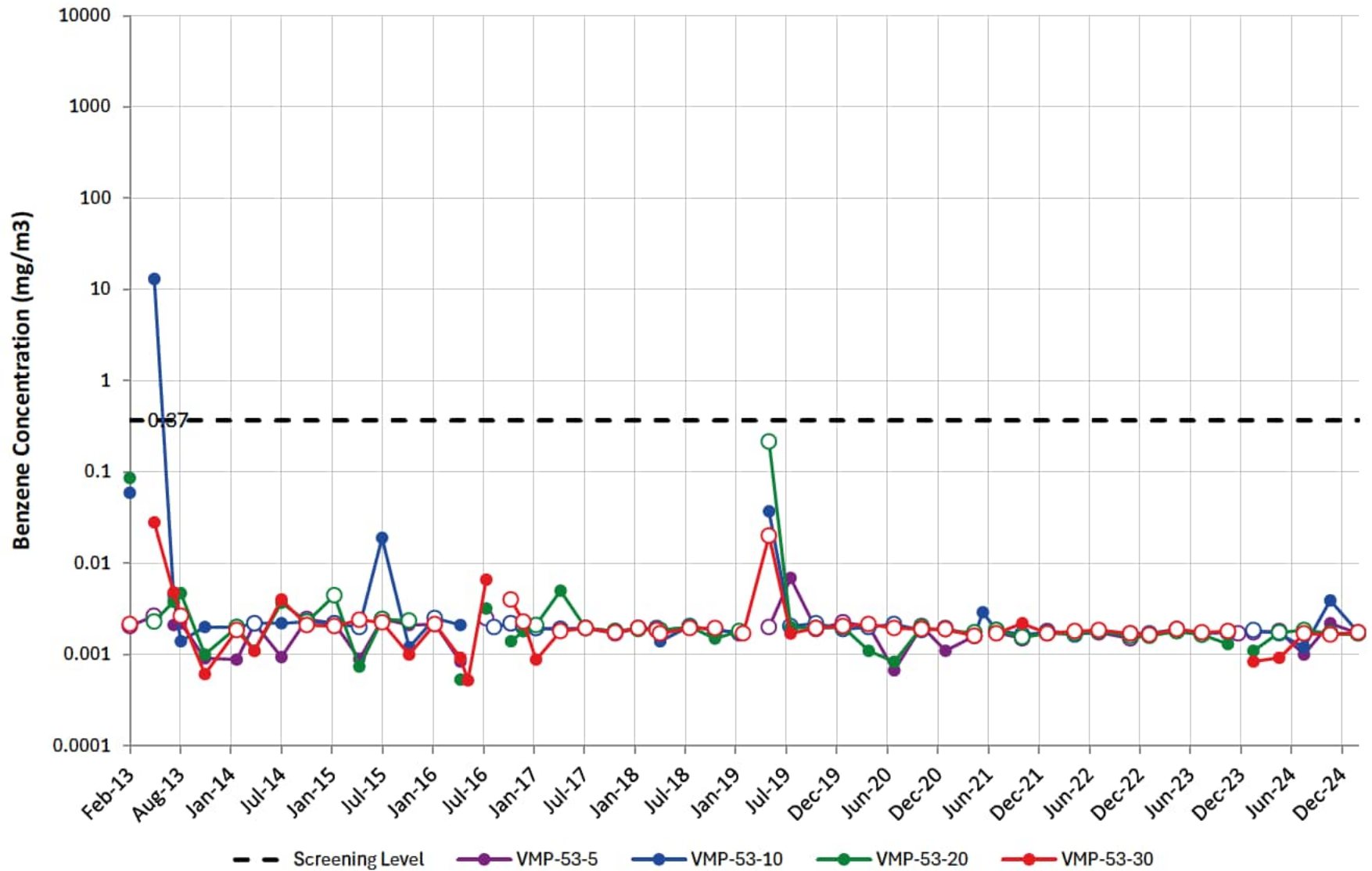
VMP-52

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



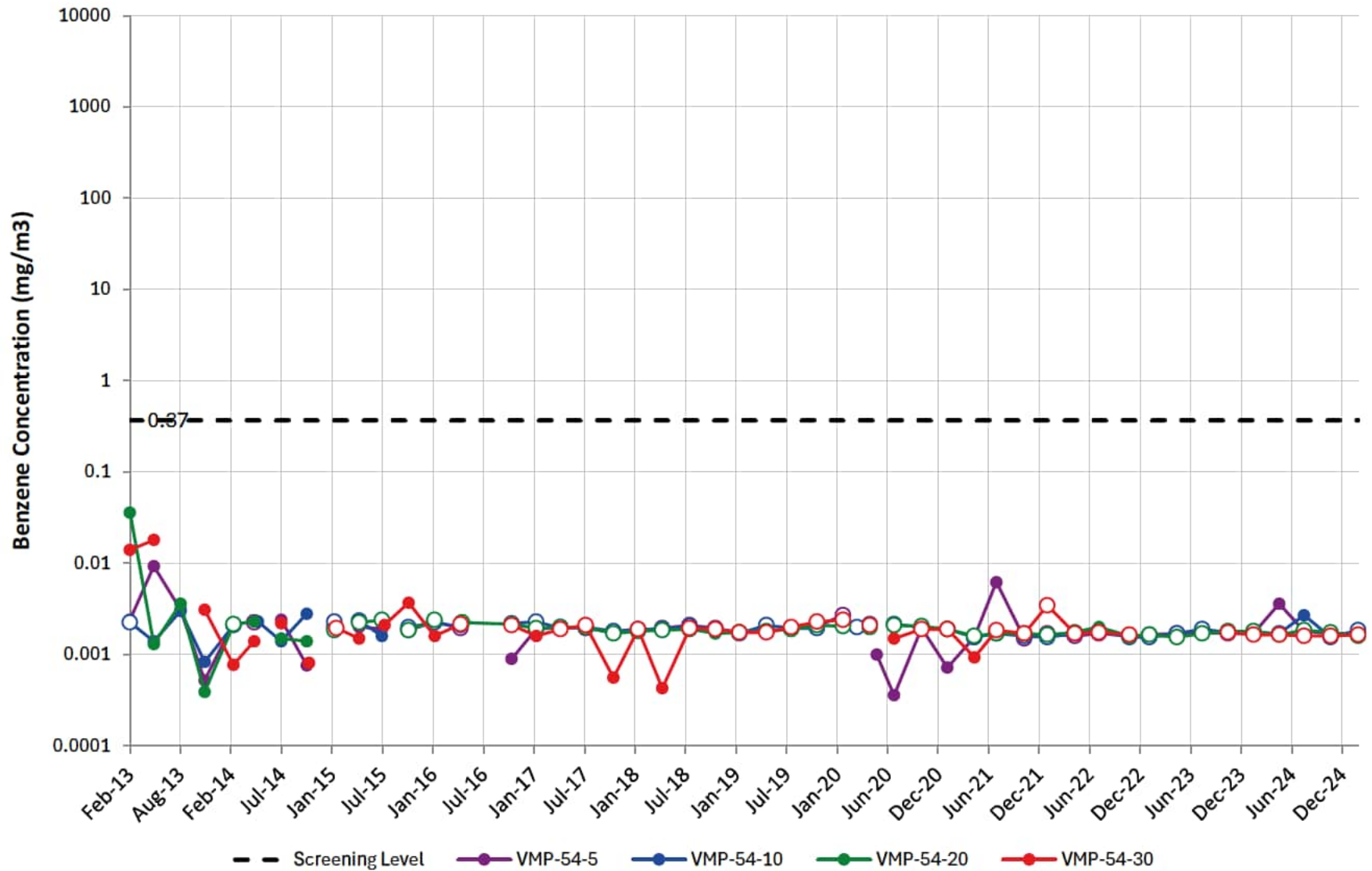
VMP-53

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



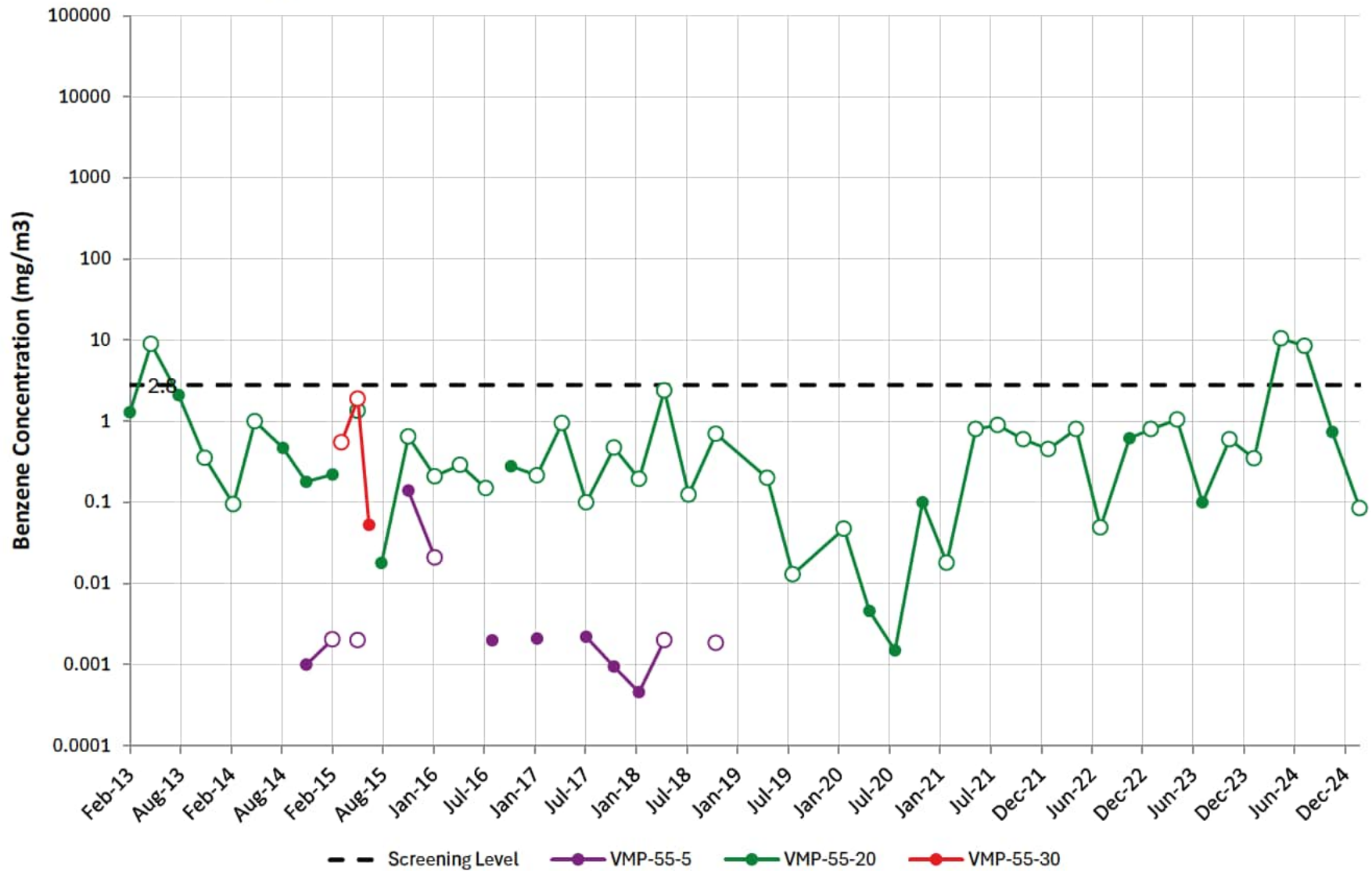
VMP-54

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



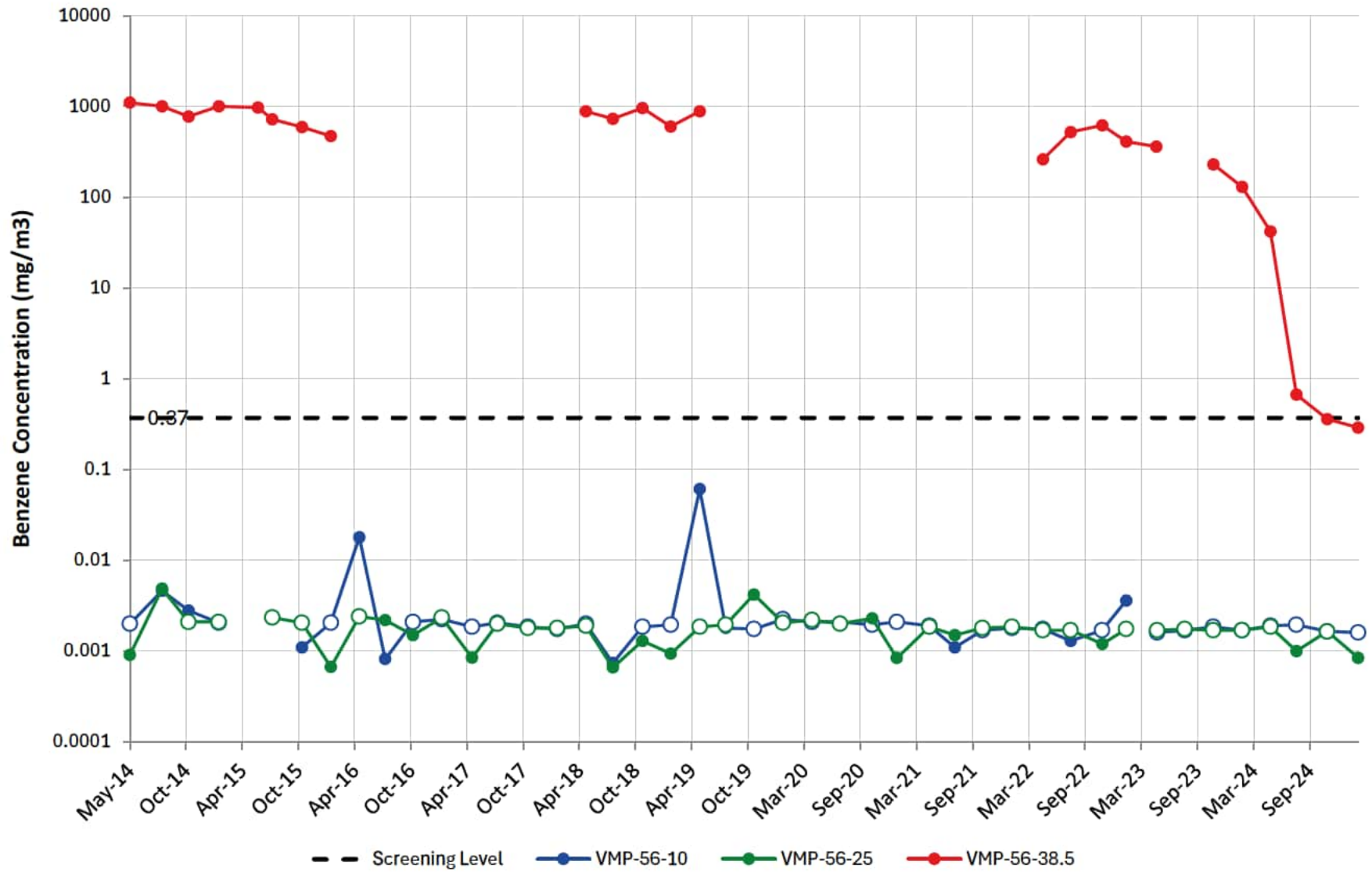
VMP-55

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



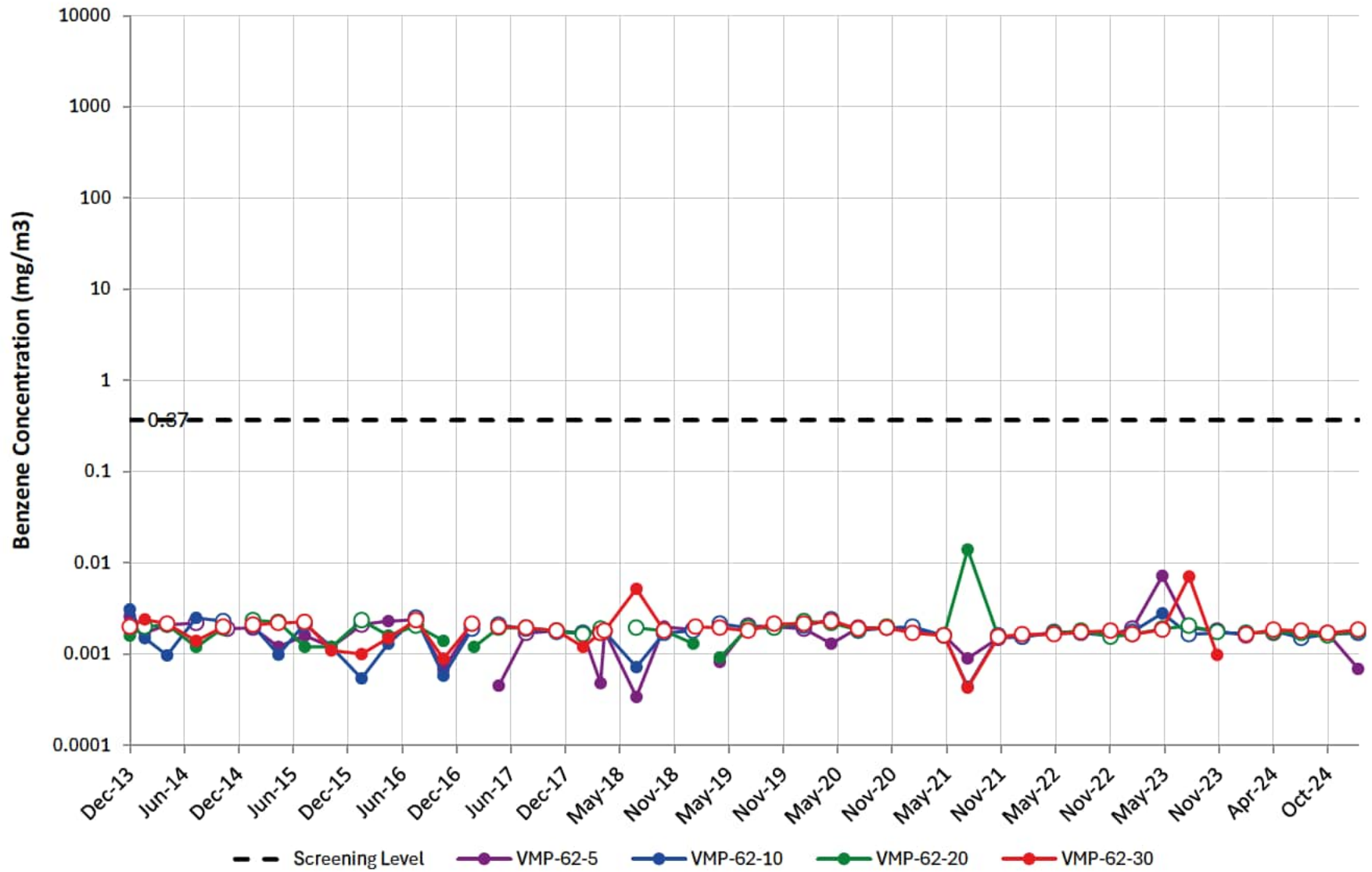
VMP-56

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



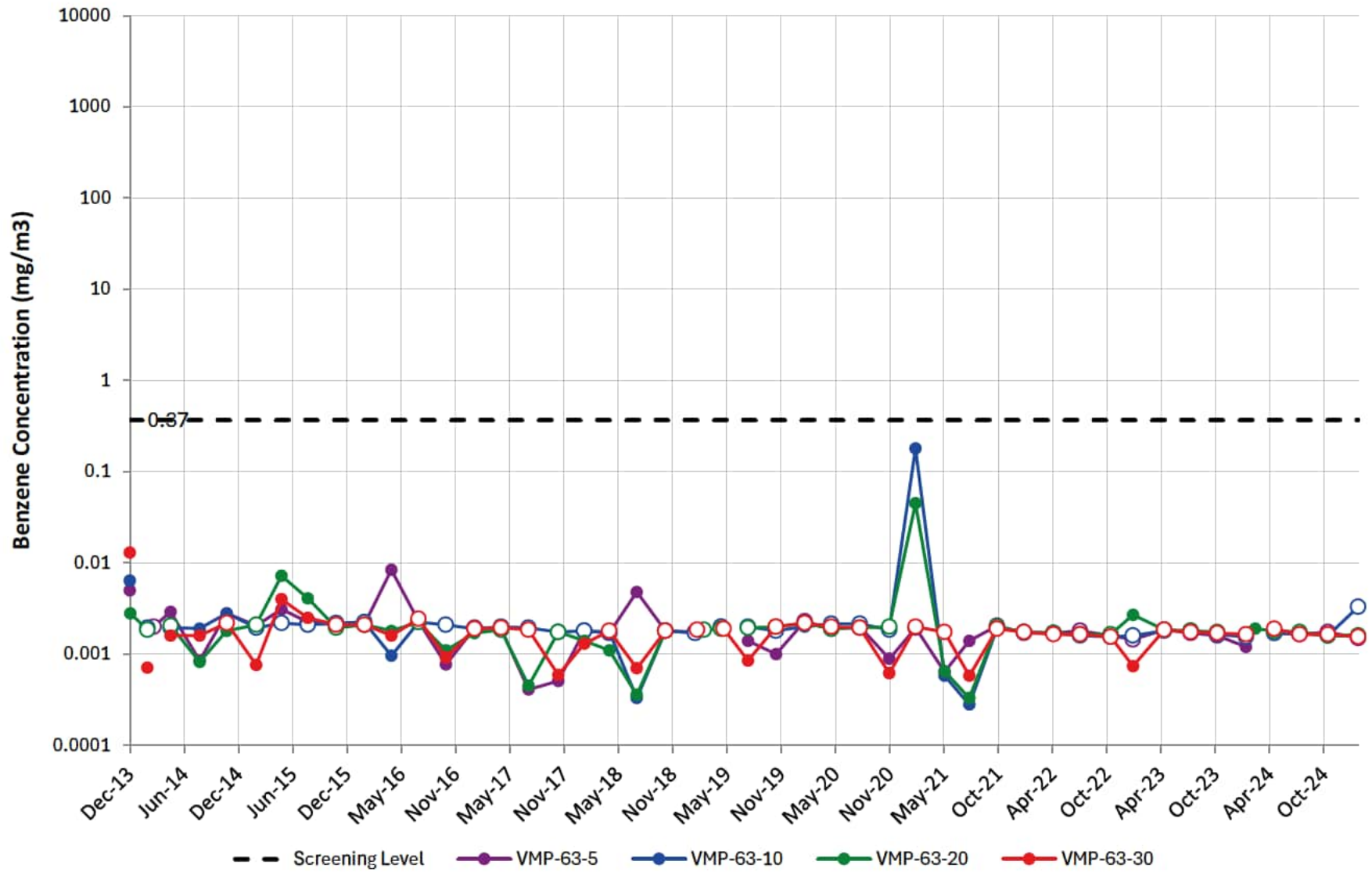
VMP-62

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



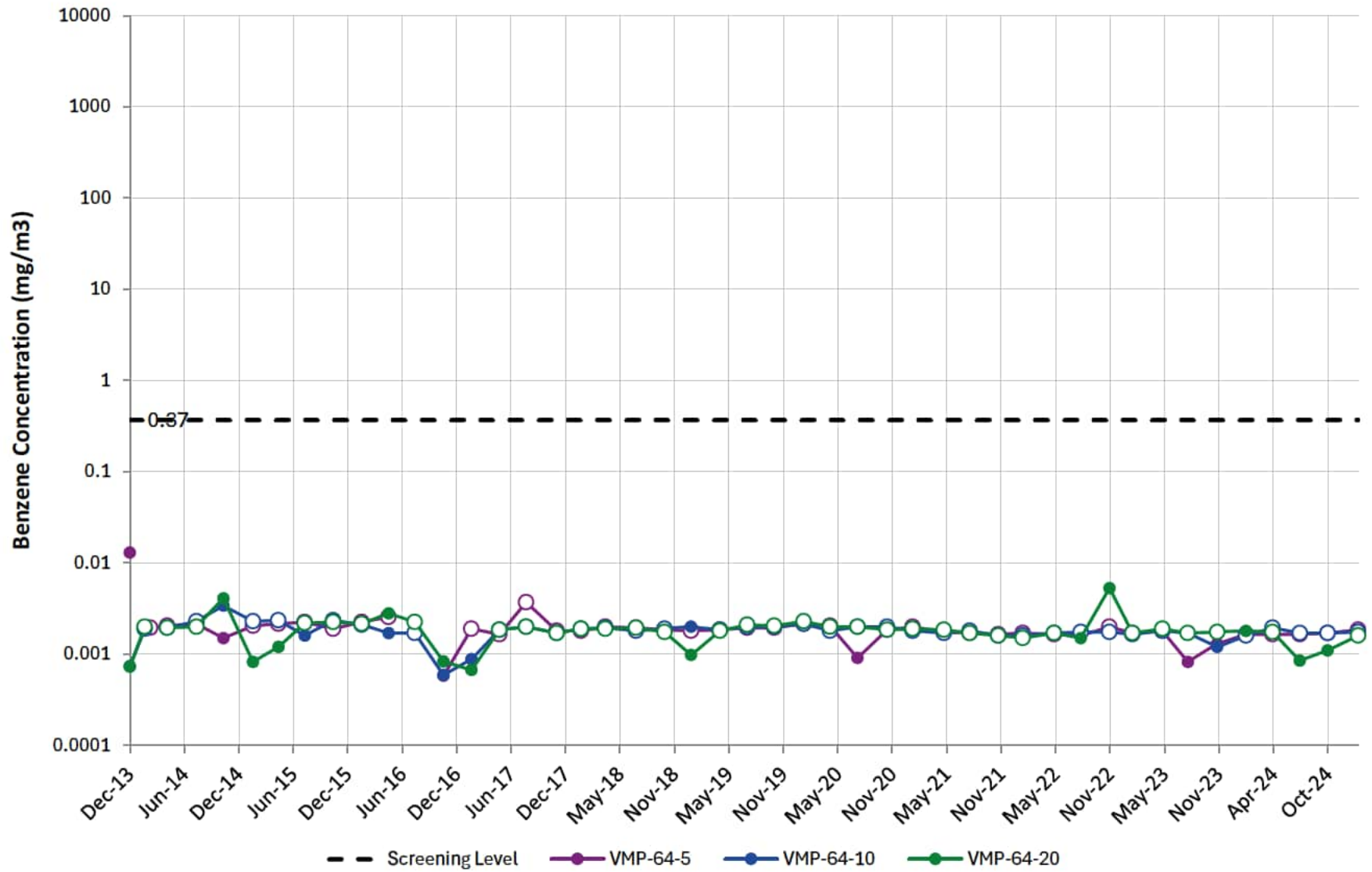
VMP-63

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



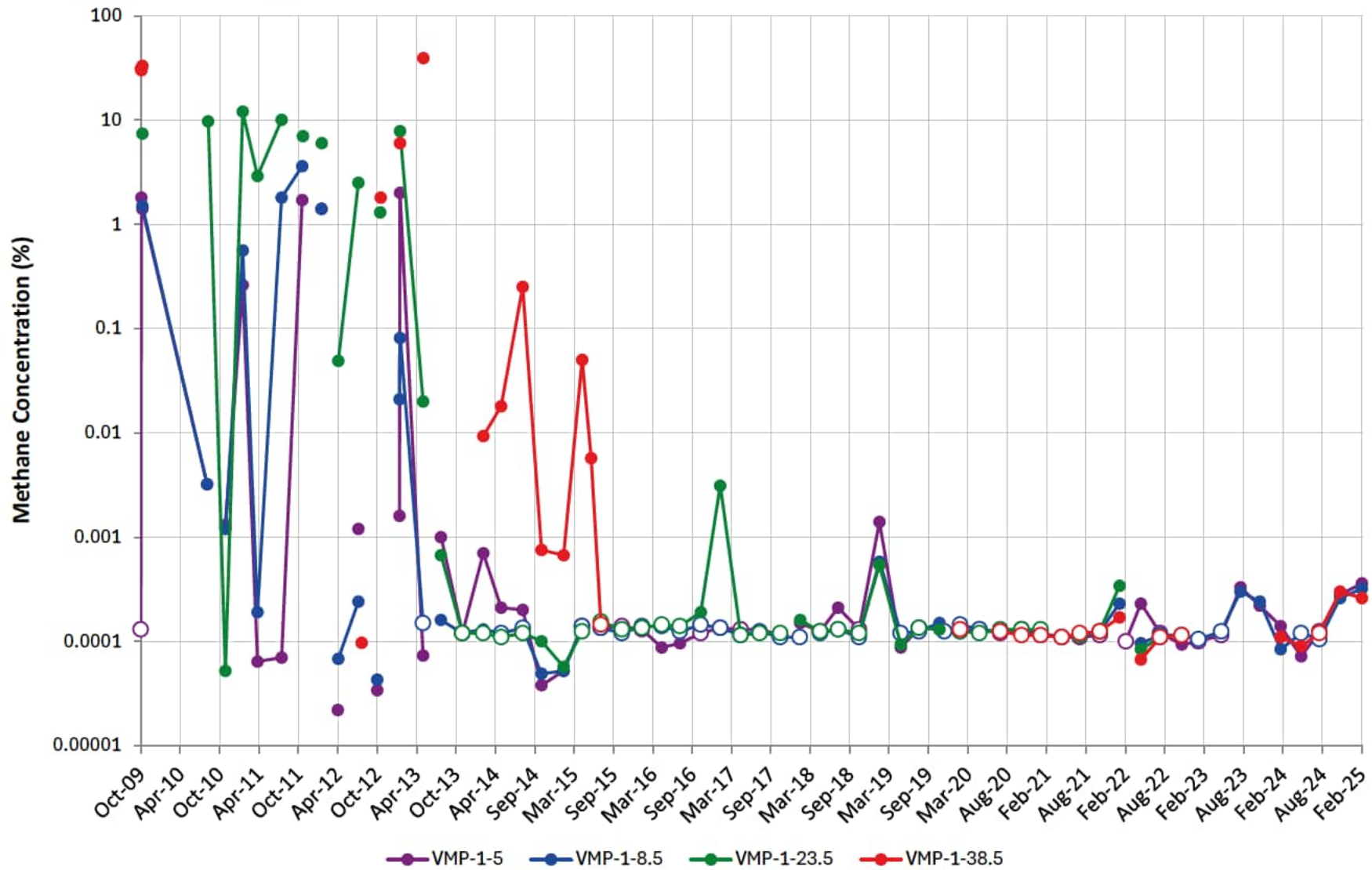
VMP-64

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



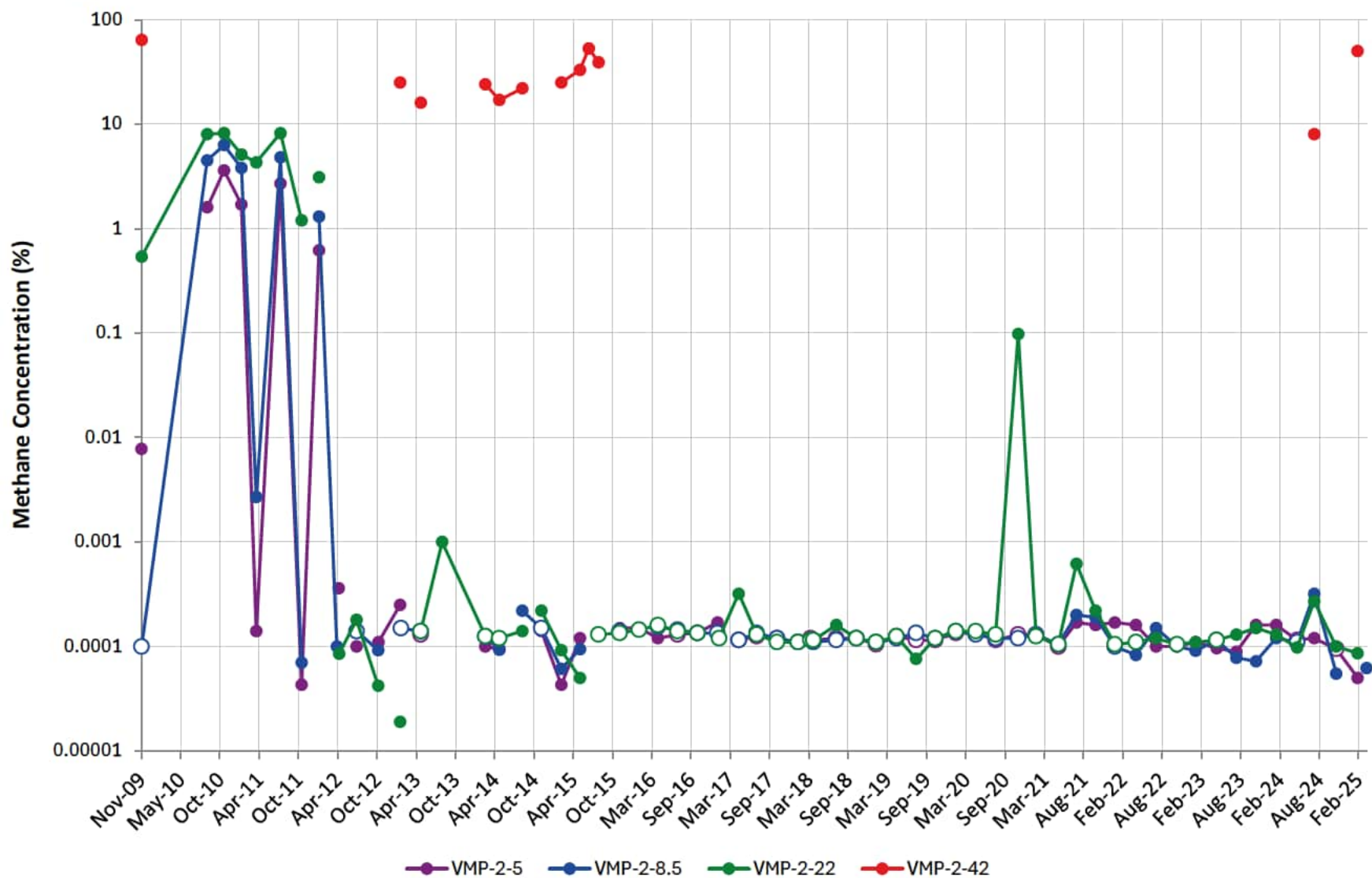
VMP-1

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



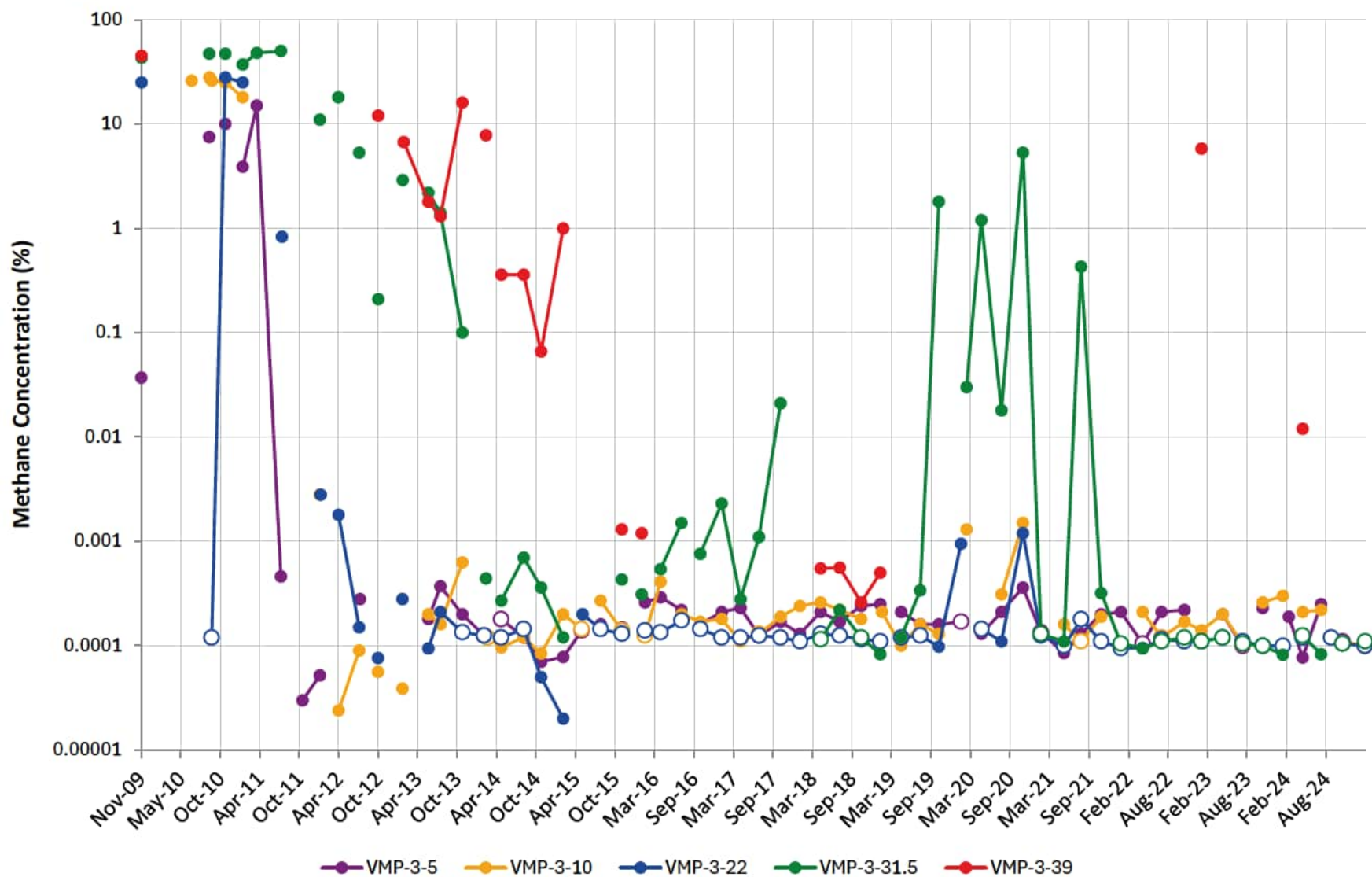
VMP-2

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



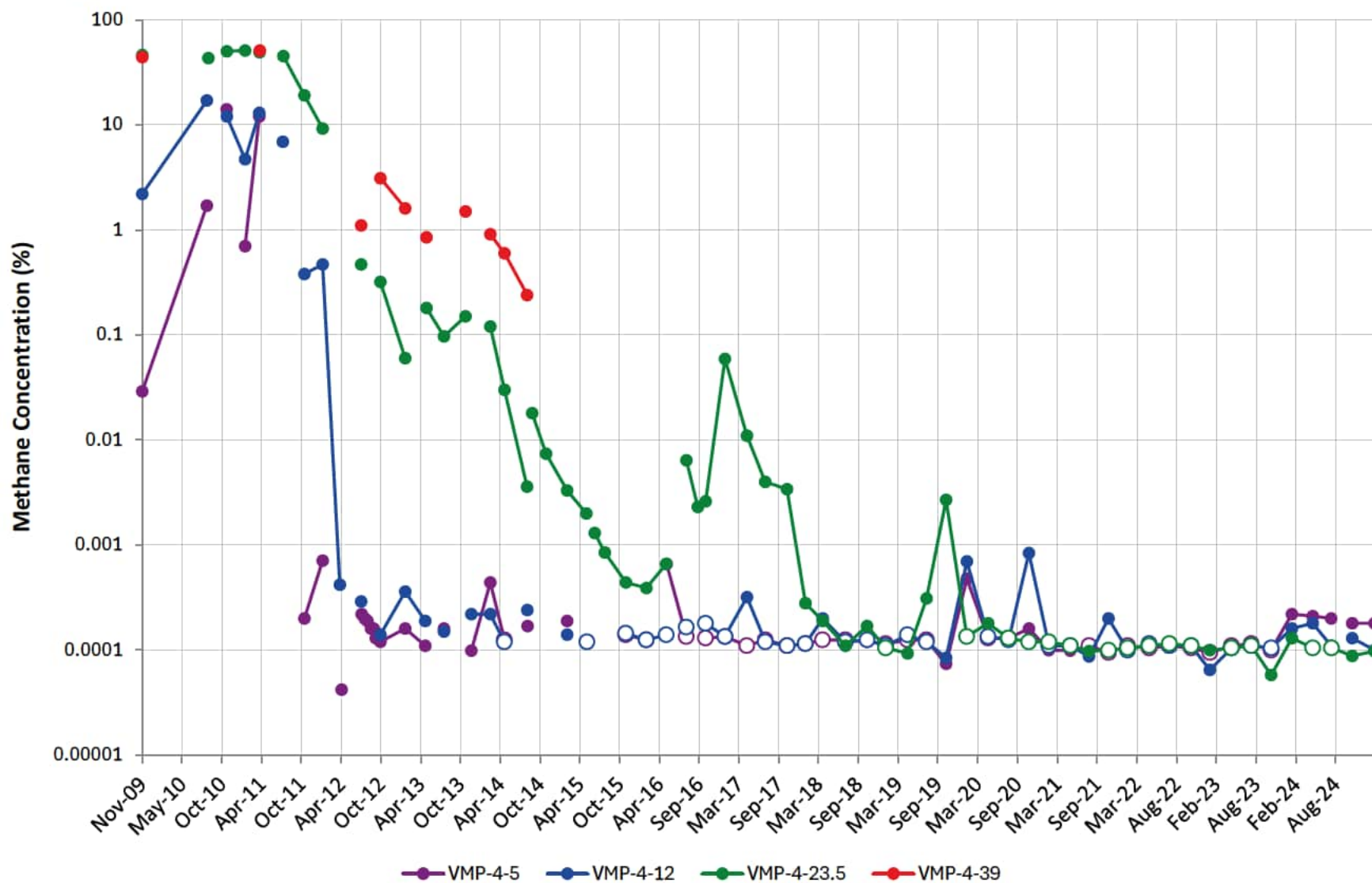
VMP-3

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



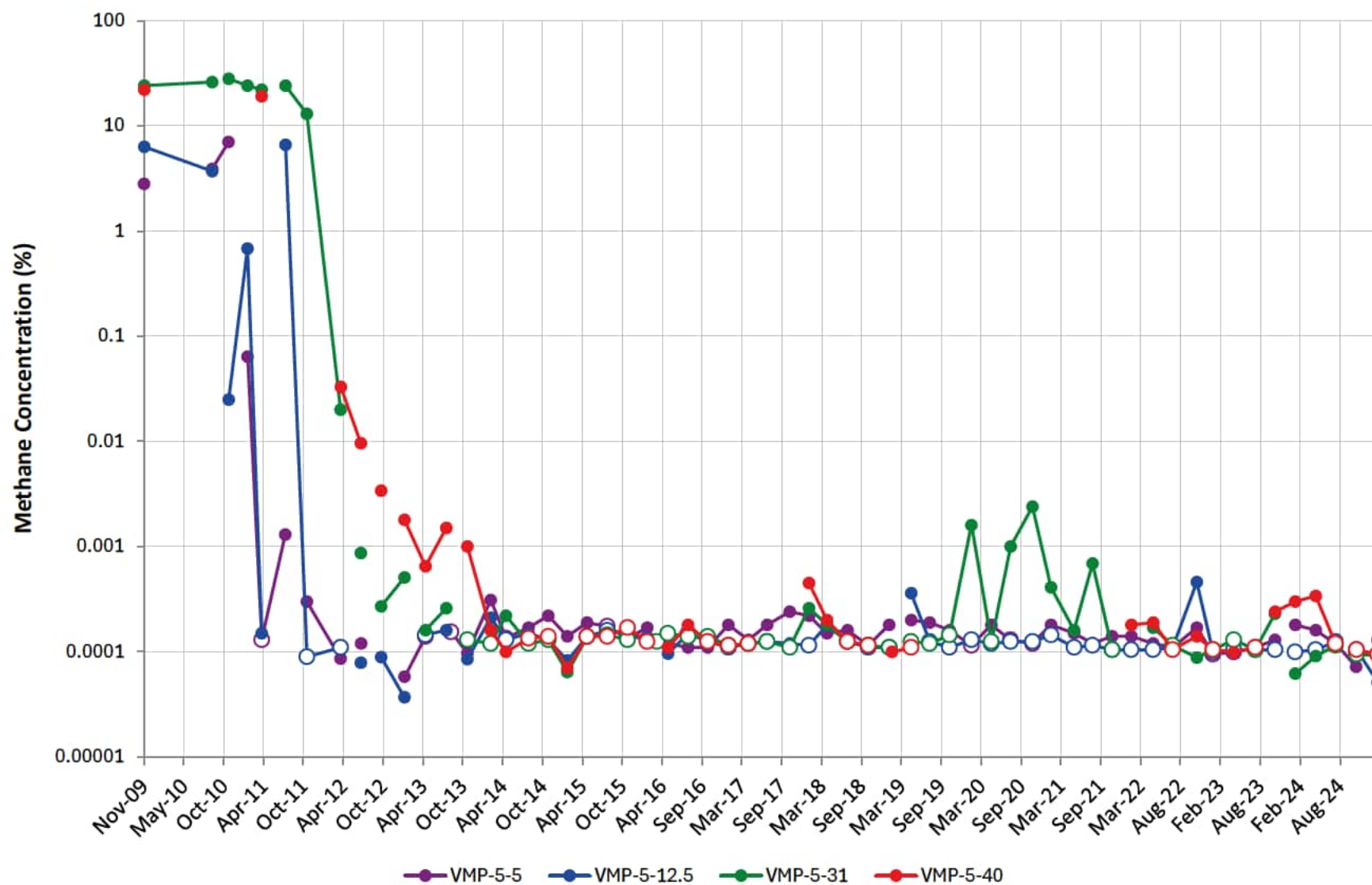
VMP-4

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



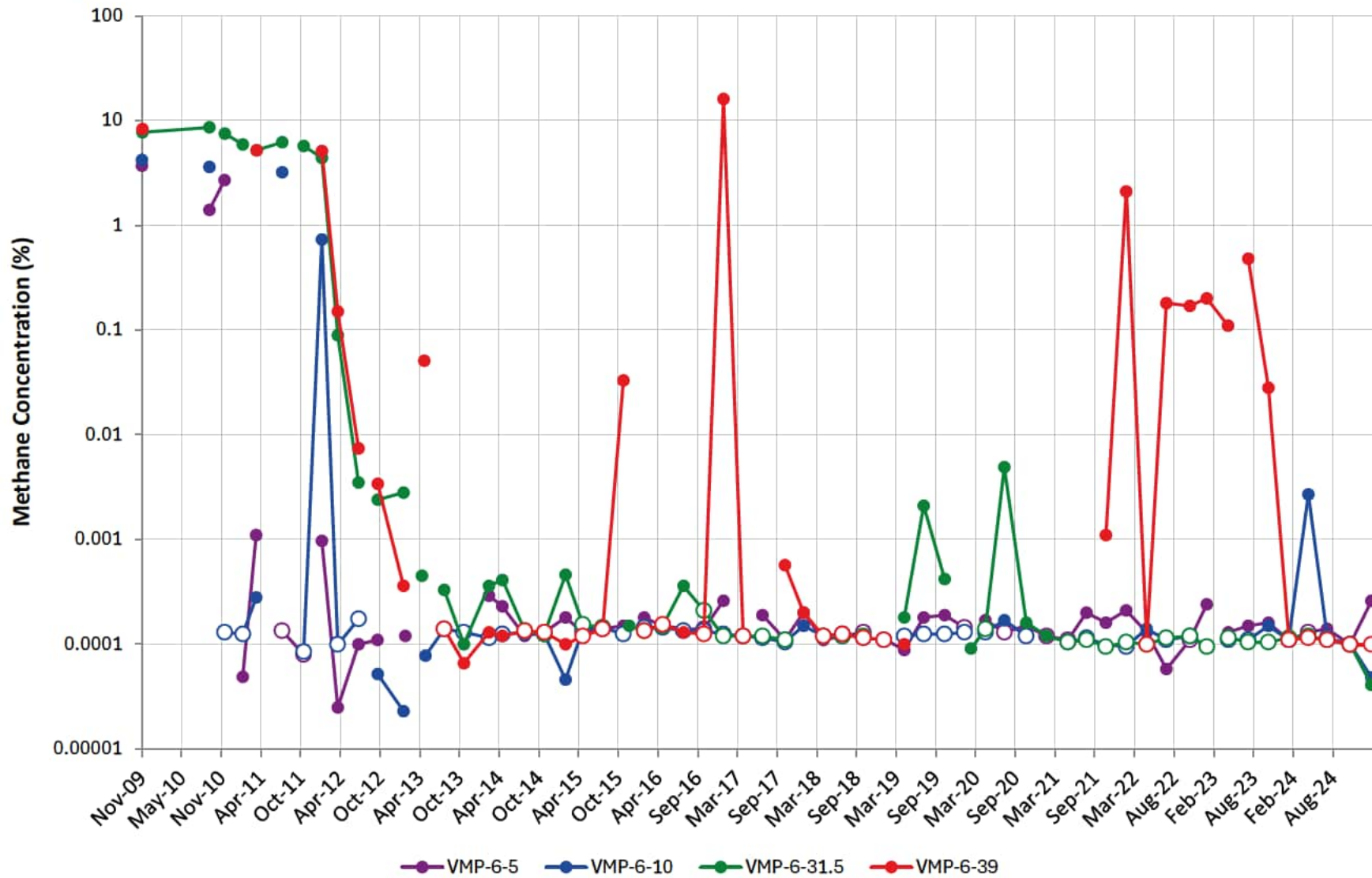
VMP-5

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



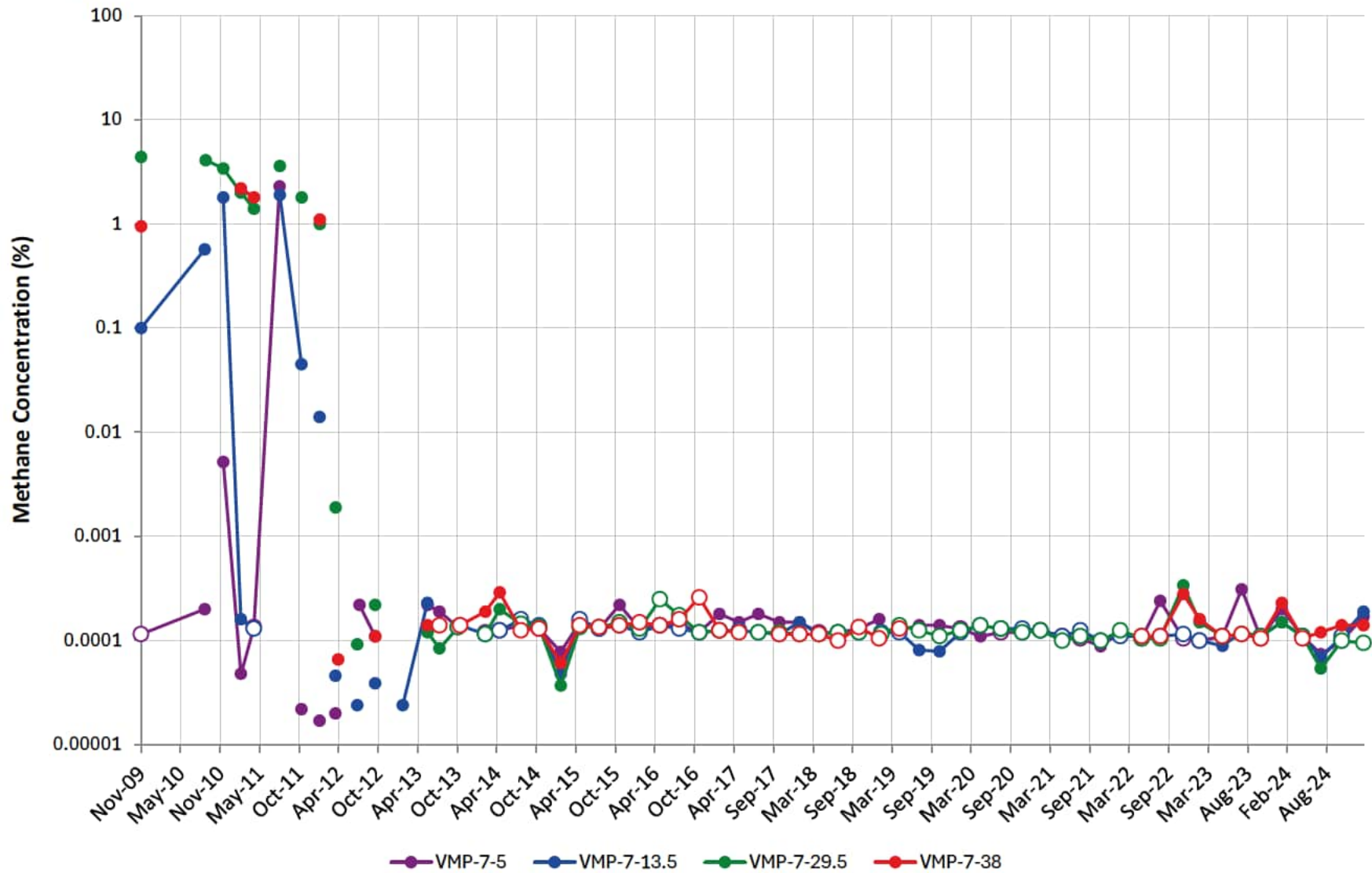
VMP-6

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



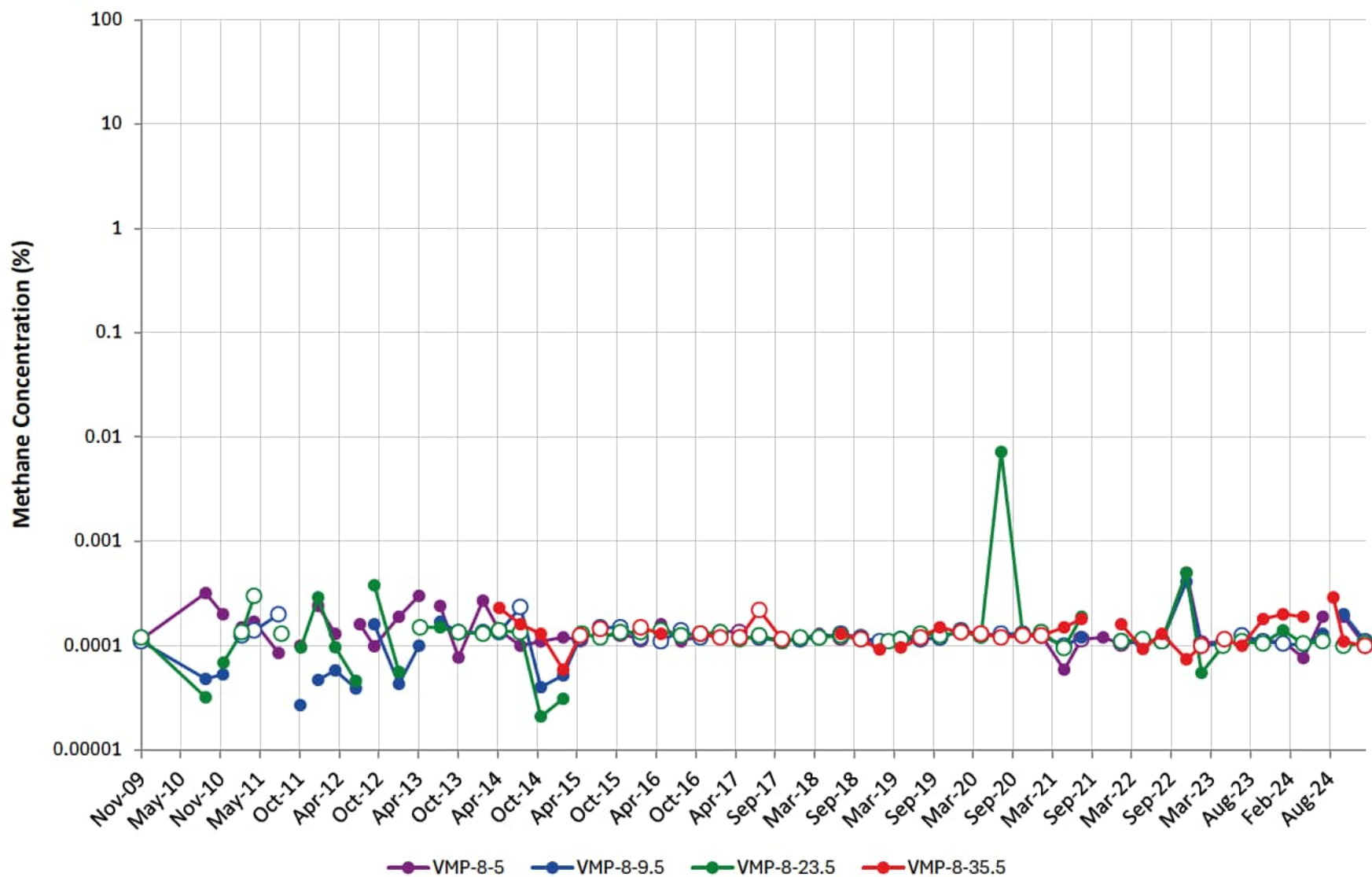
VMP-7

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



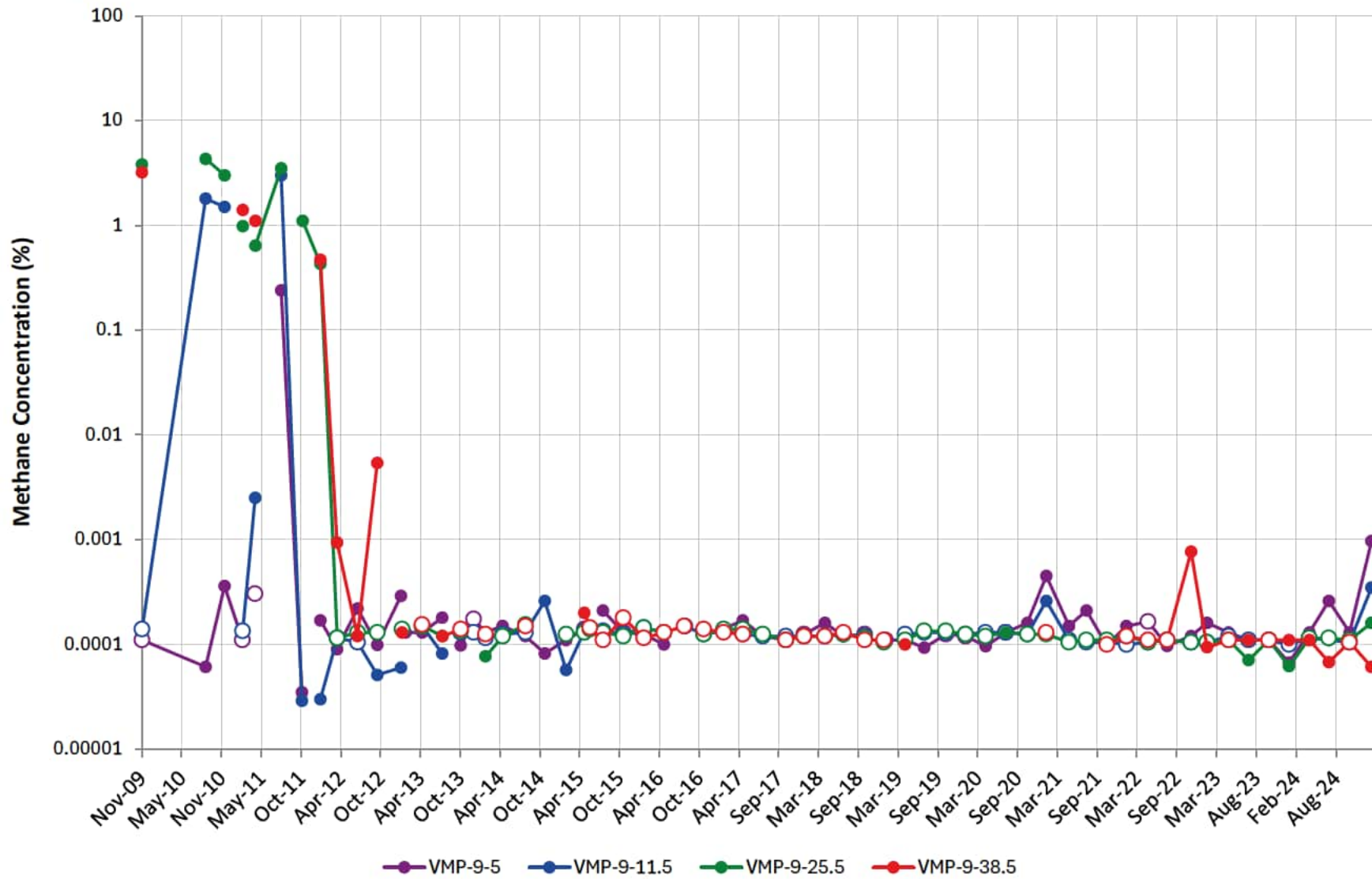
VMP-8

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



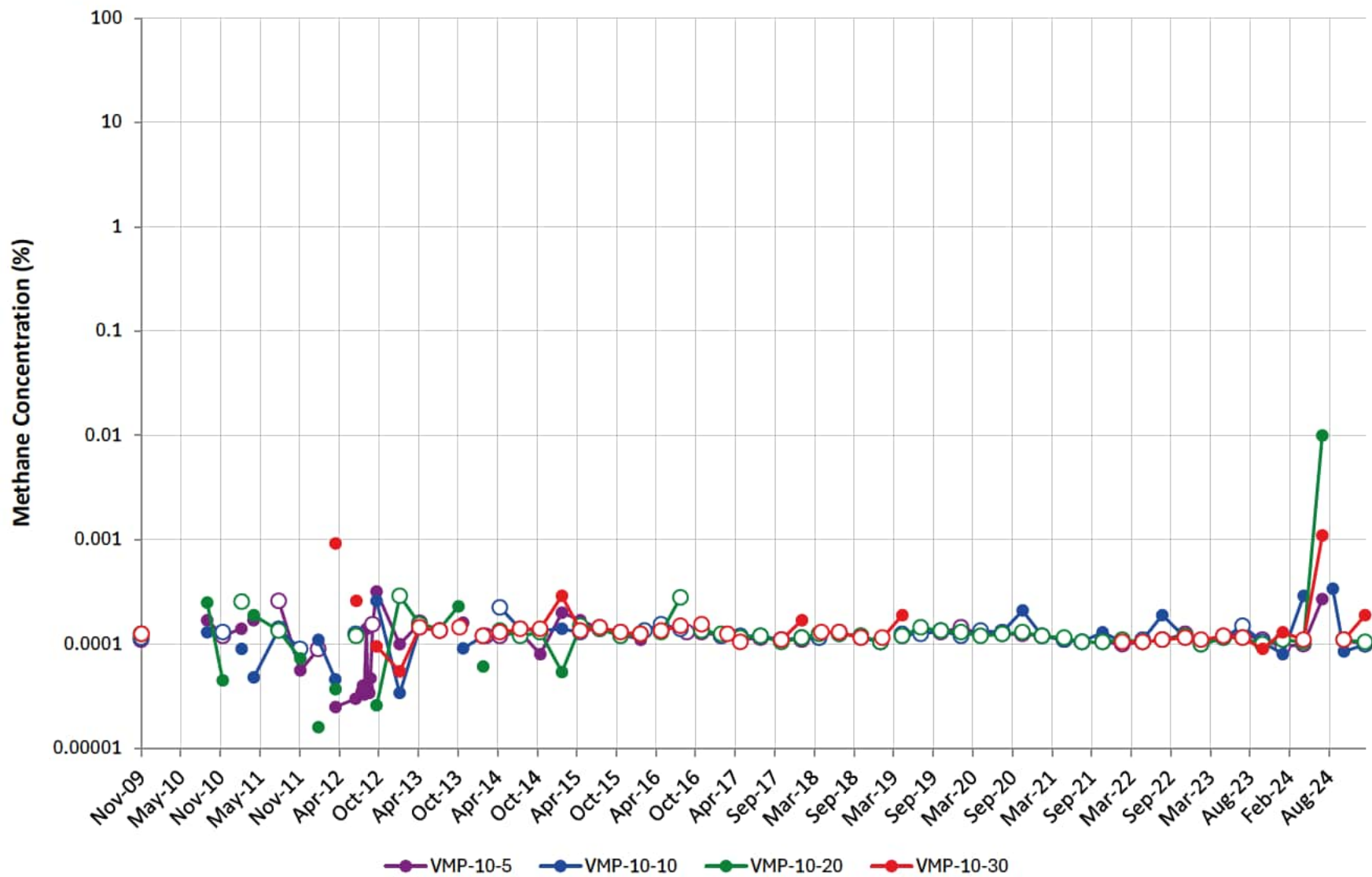
VMP-9

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



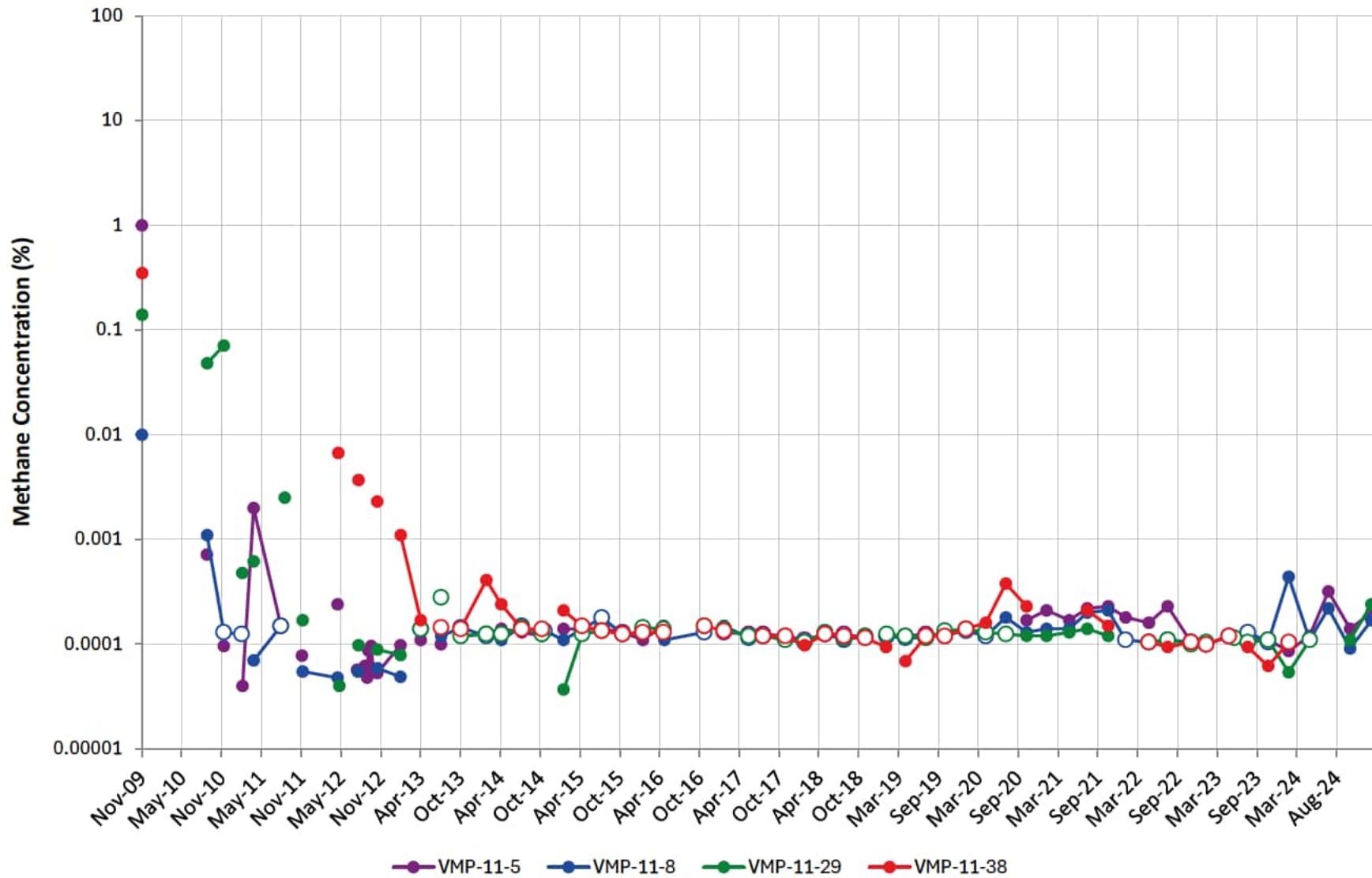
VMP-10

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



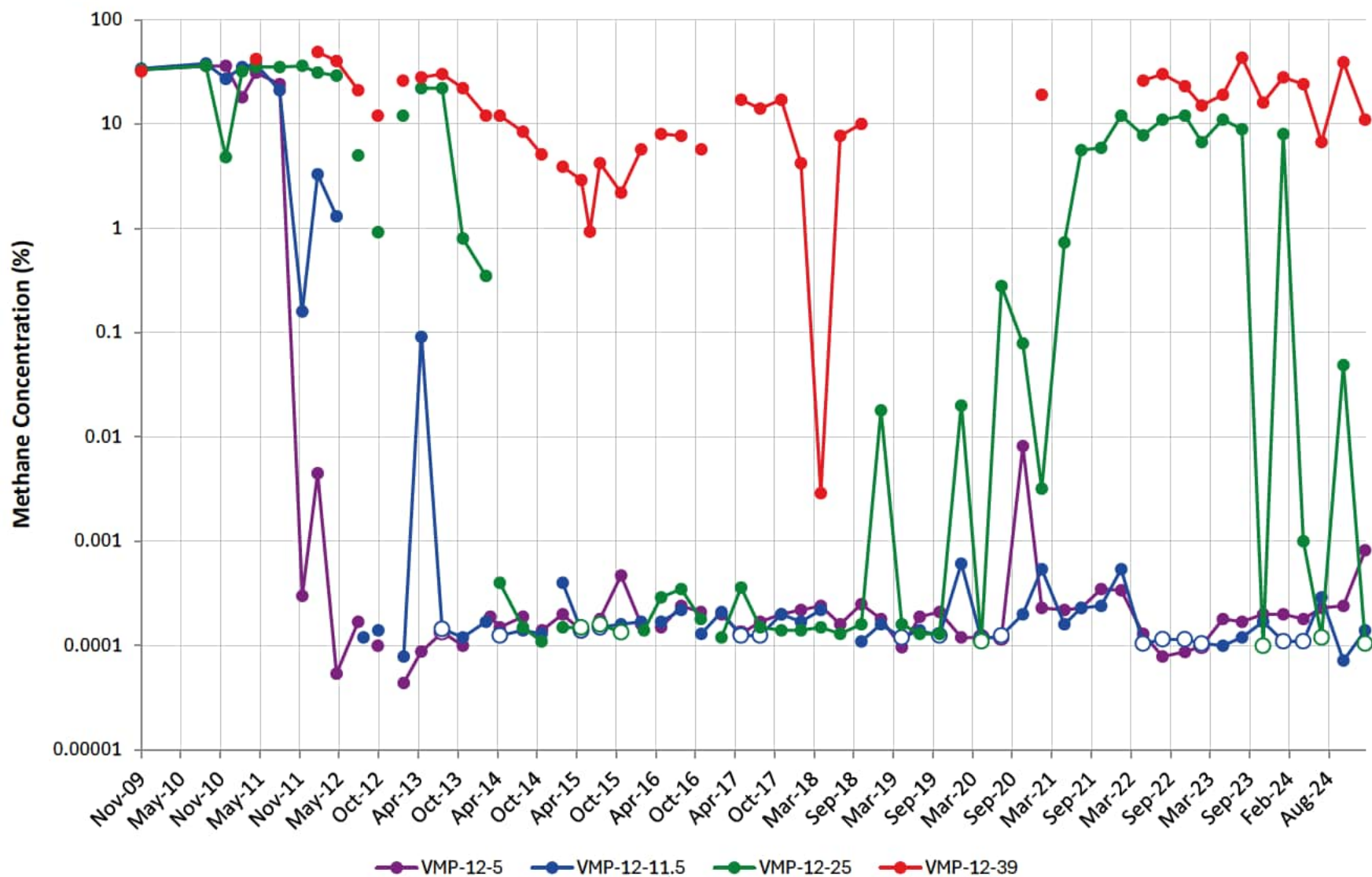
VMP-11

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



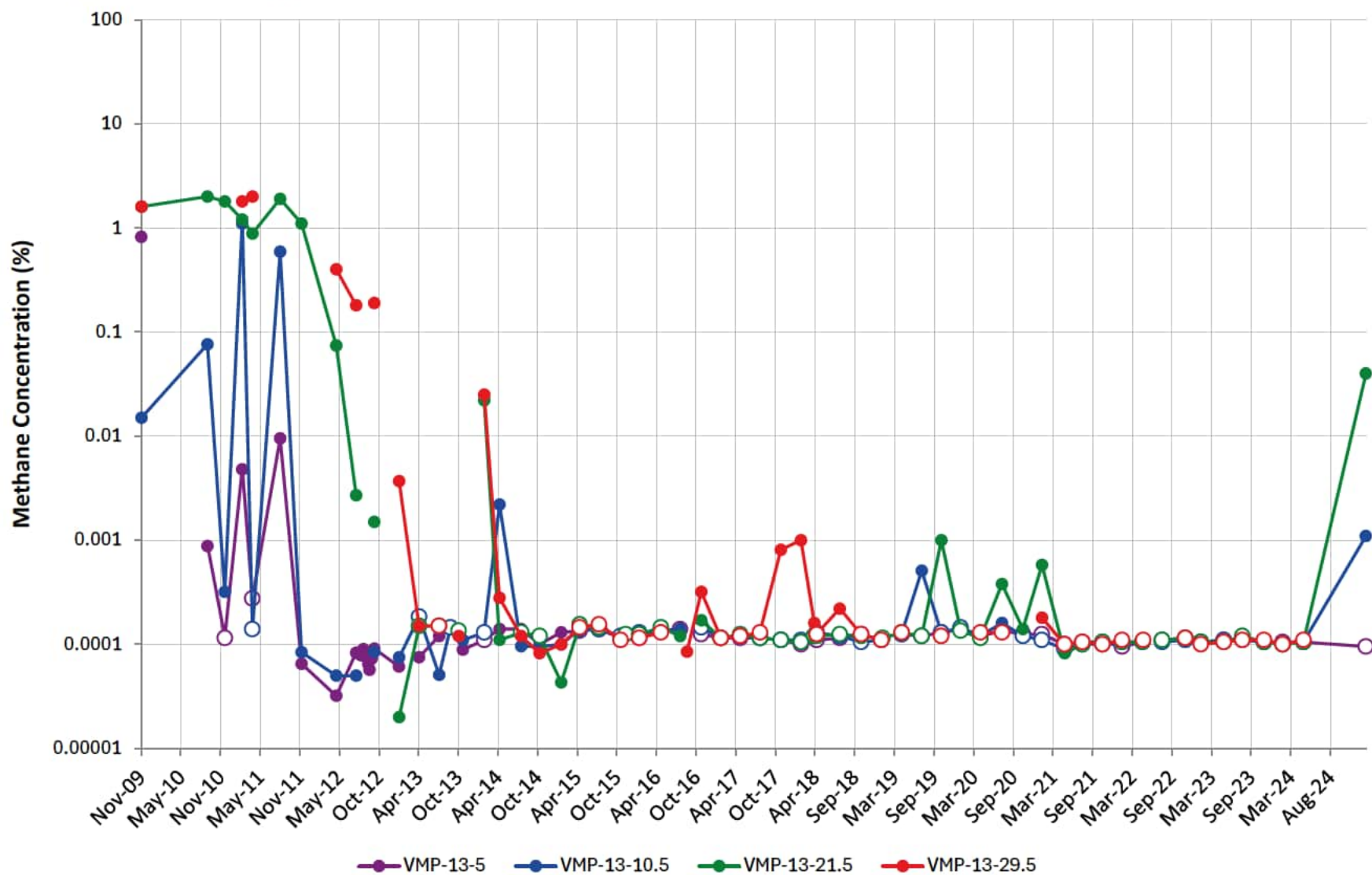
VMP-12

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



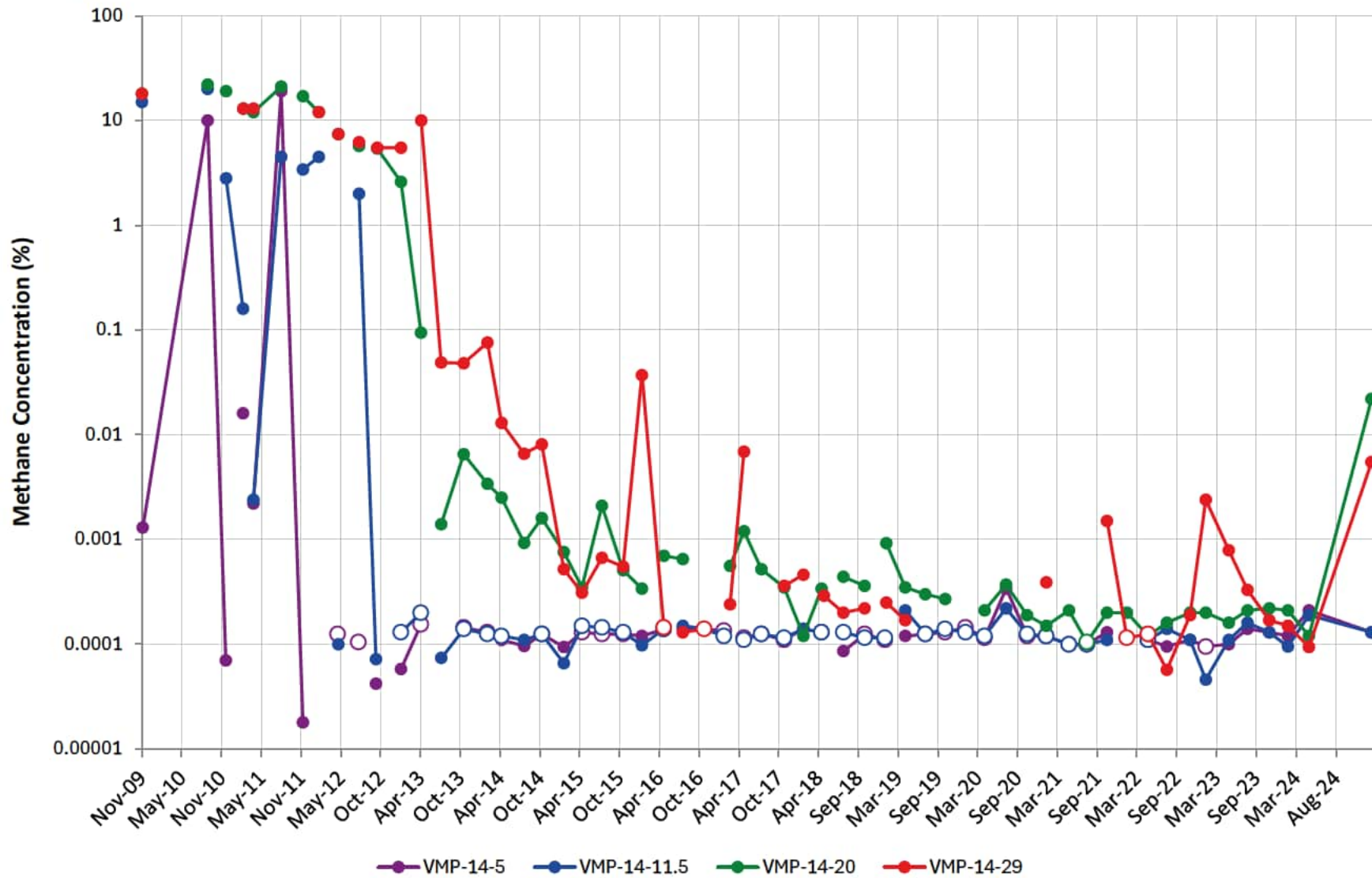
VMP-13

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



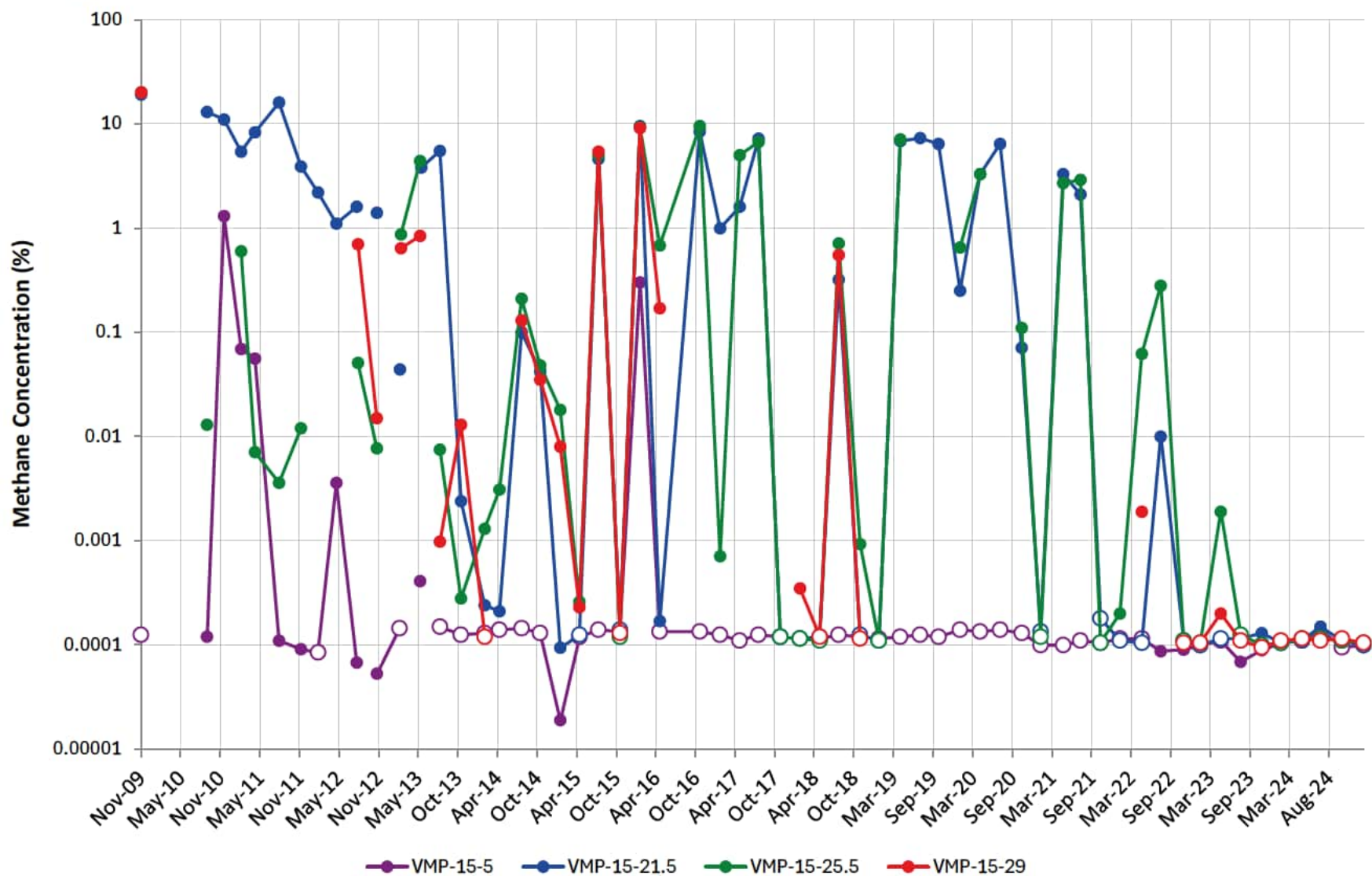
VMP-14

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



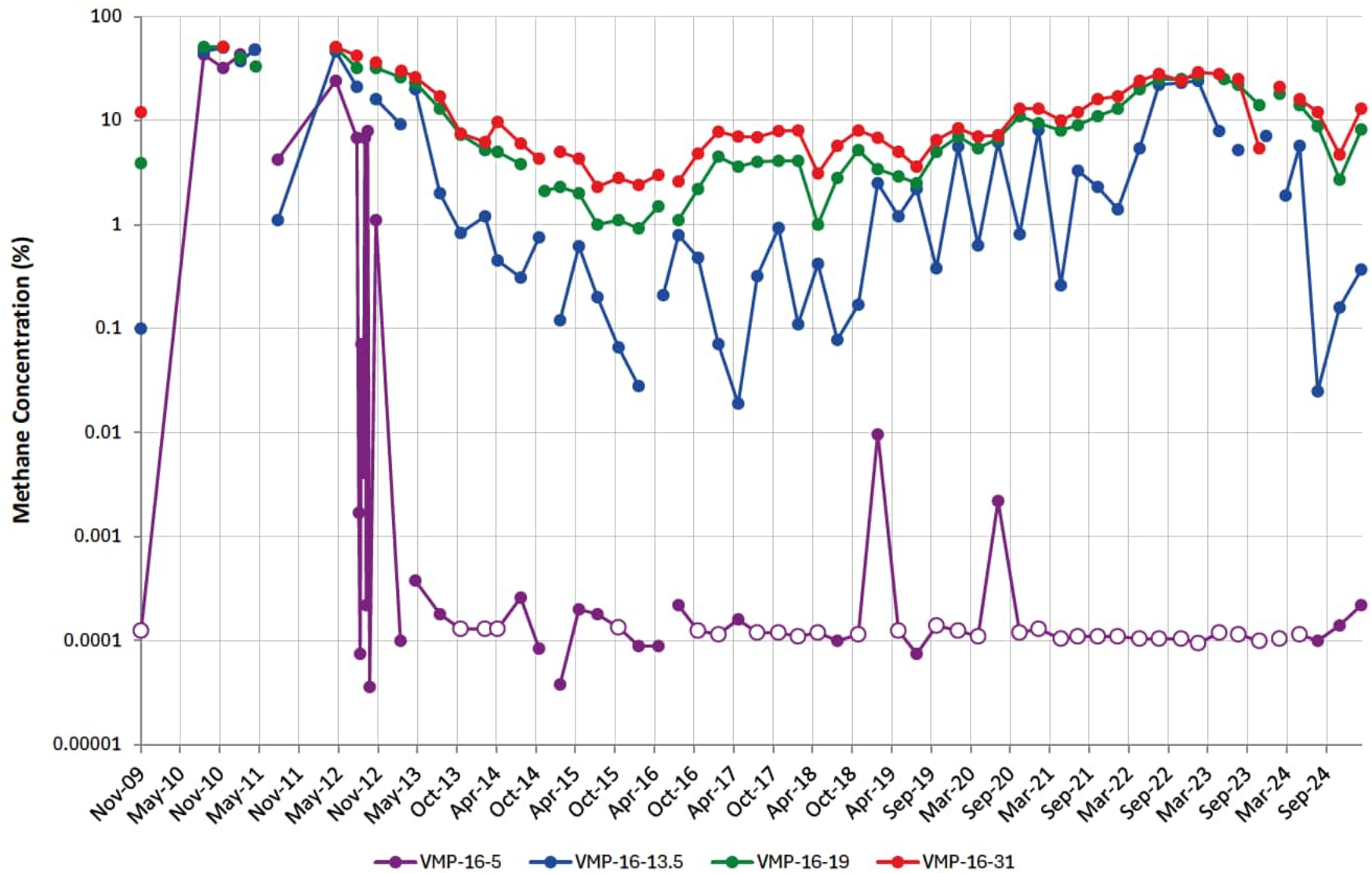
VMP-15

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



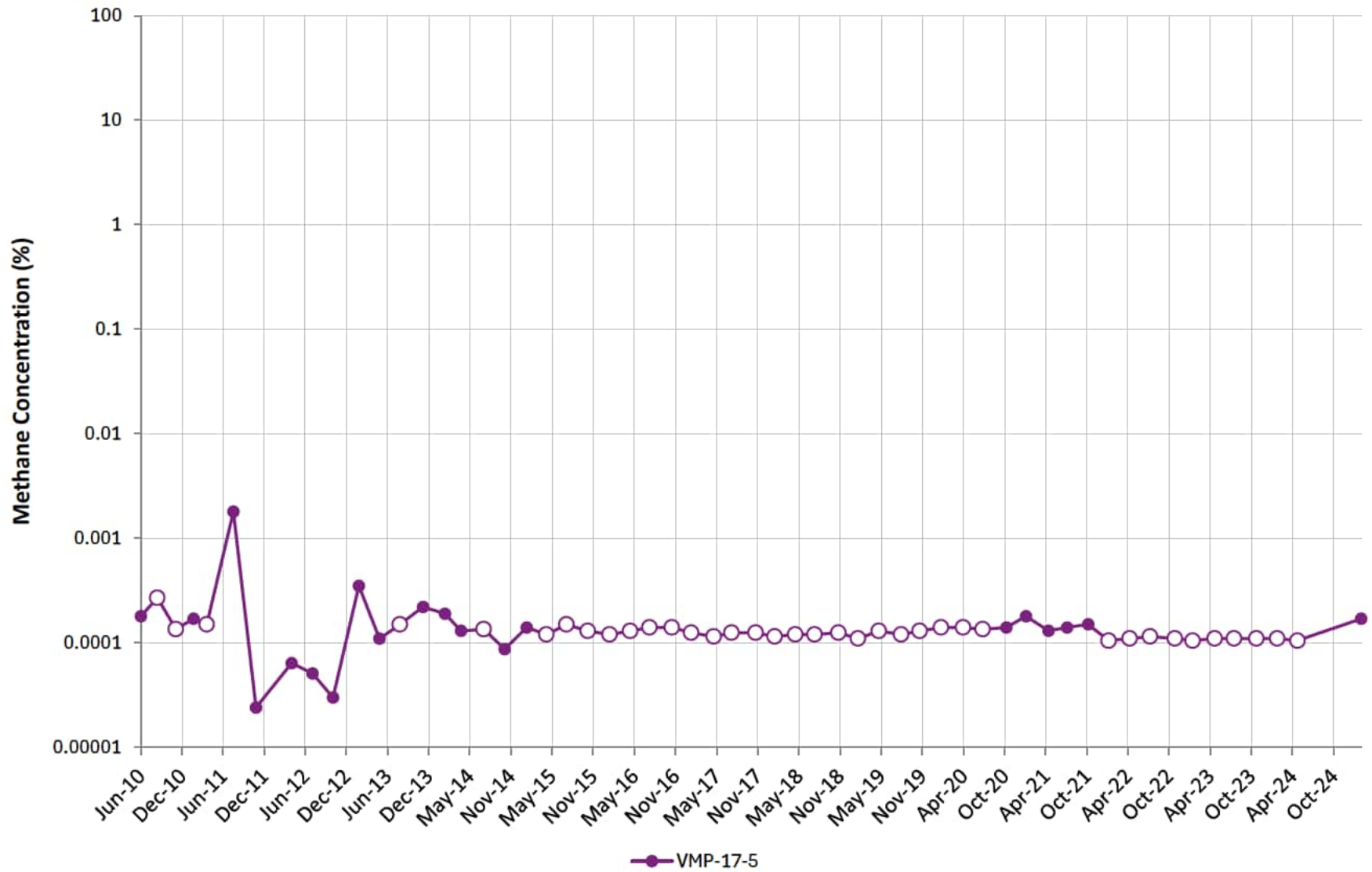
VMP-16

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



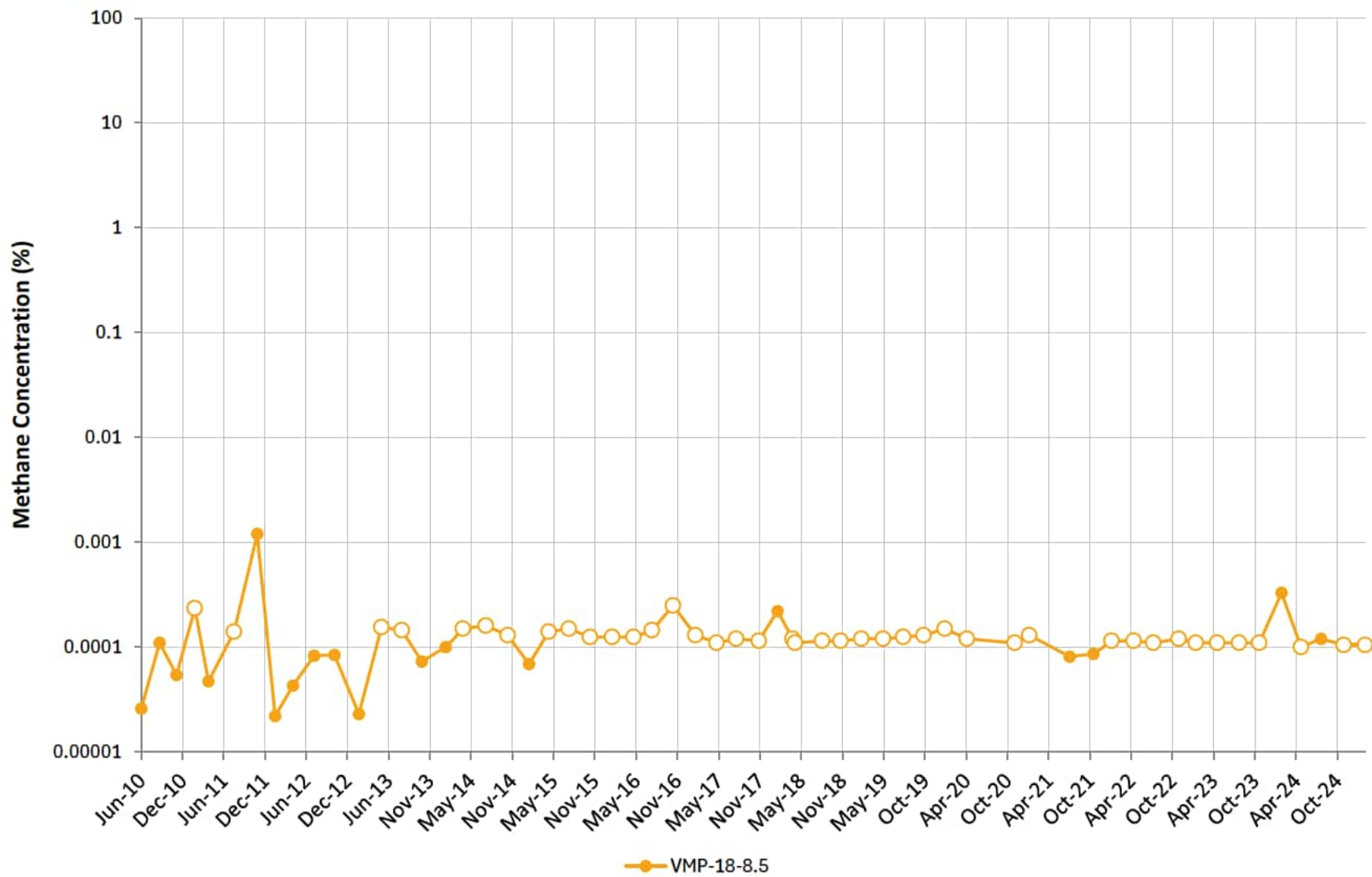
VMP-17

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



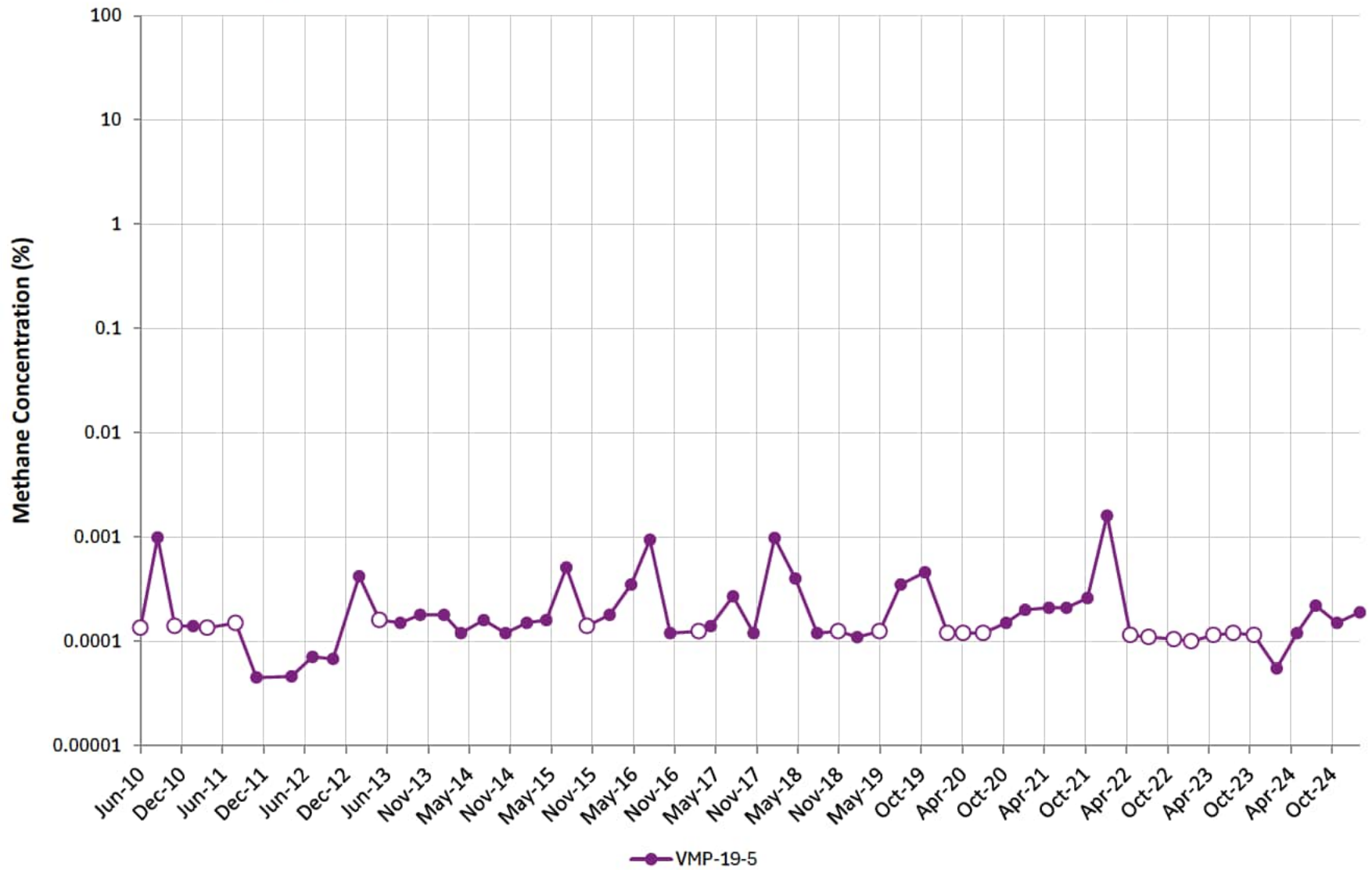
VMP-18

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



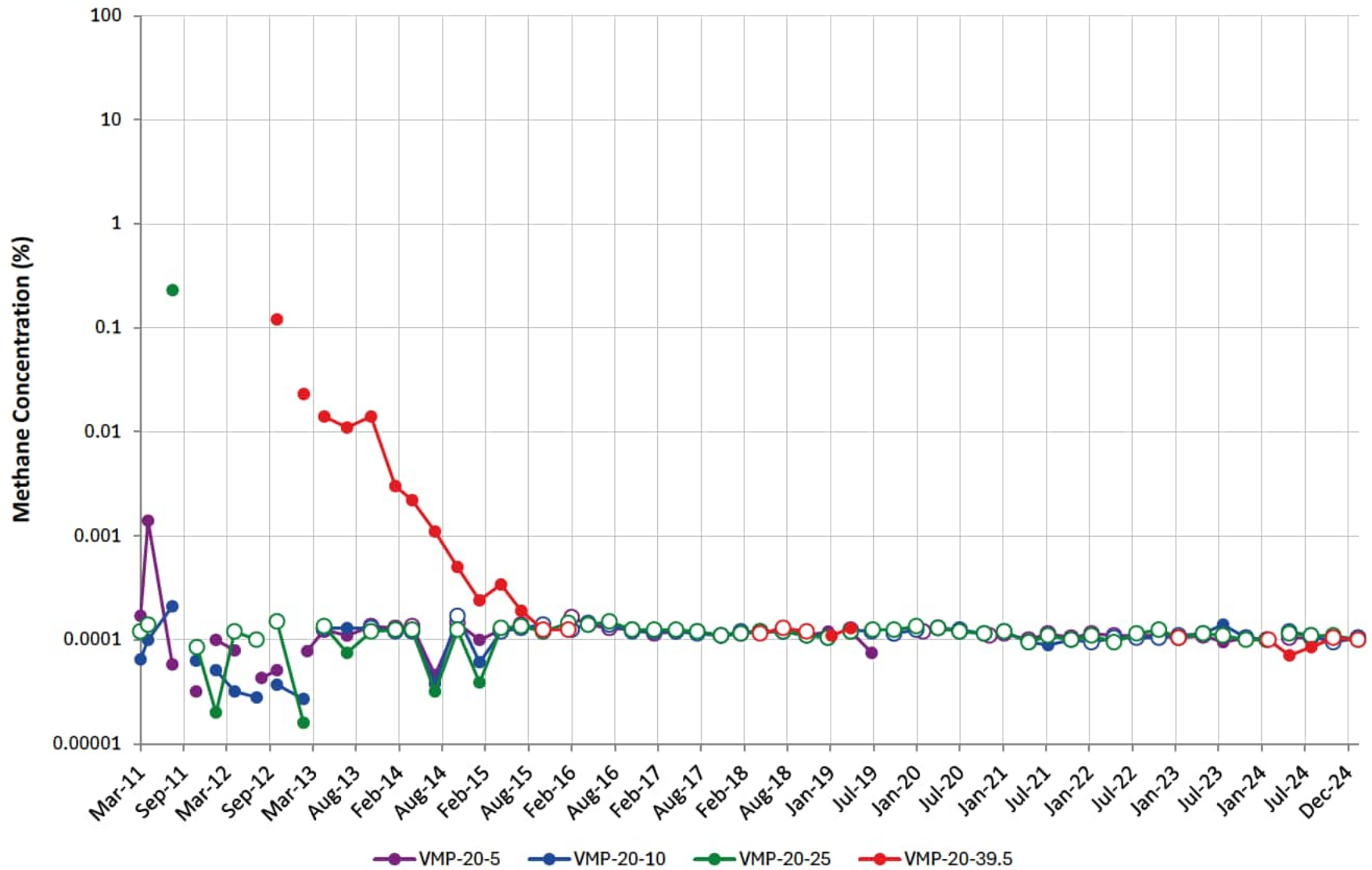
VMP-19

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



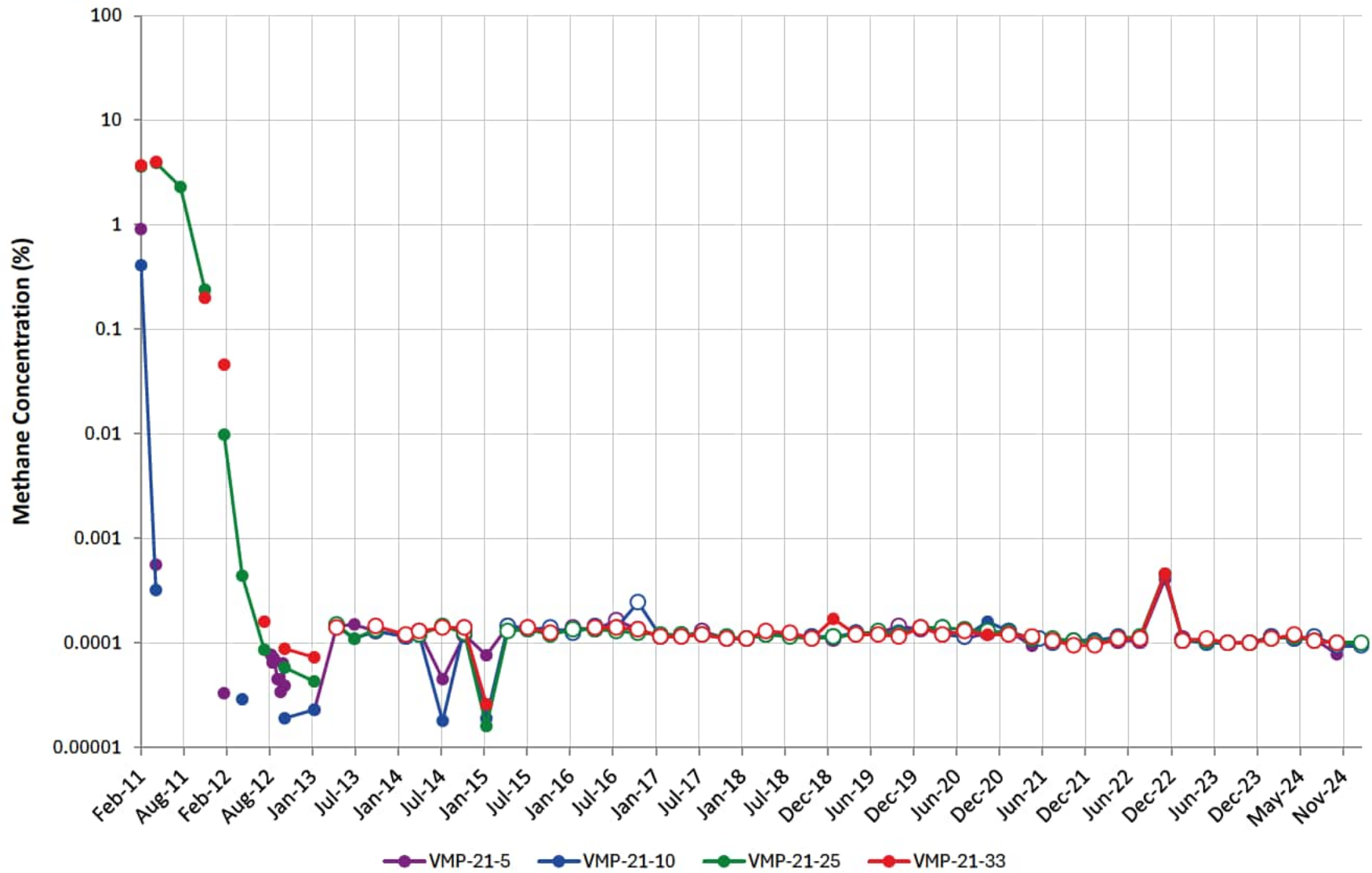
VMP-20

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



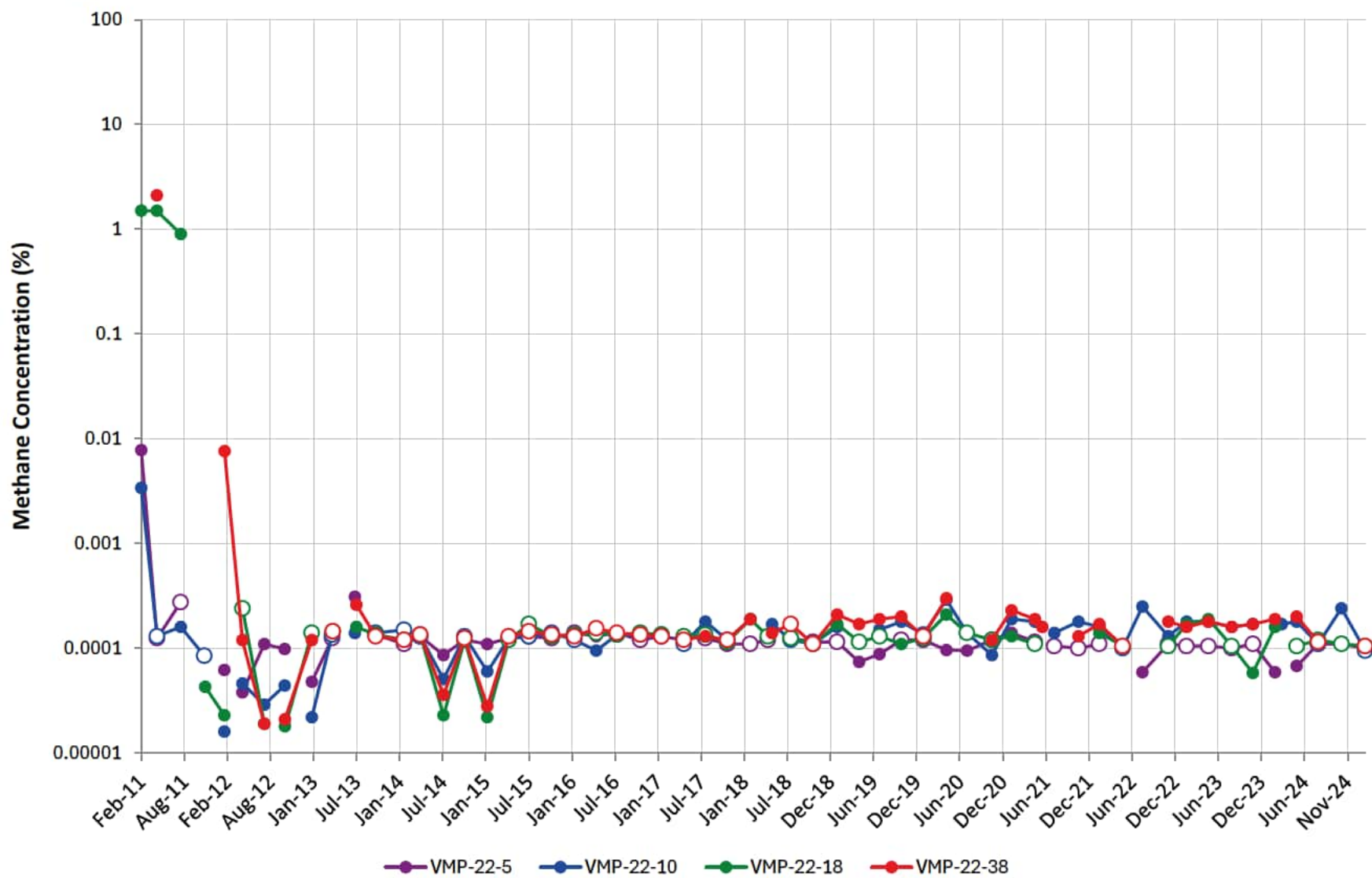
VMP-21

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



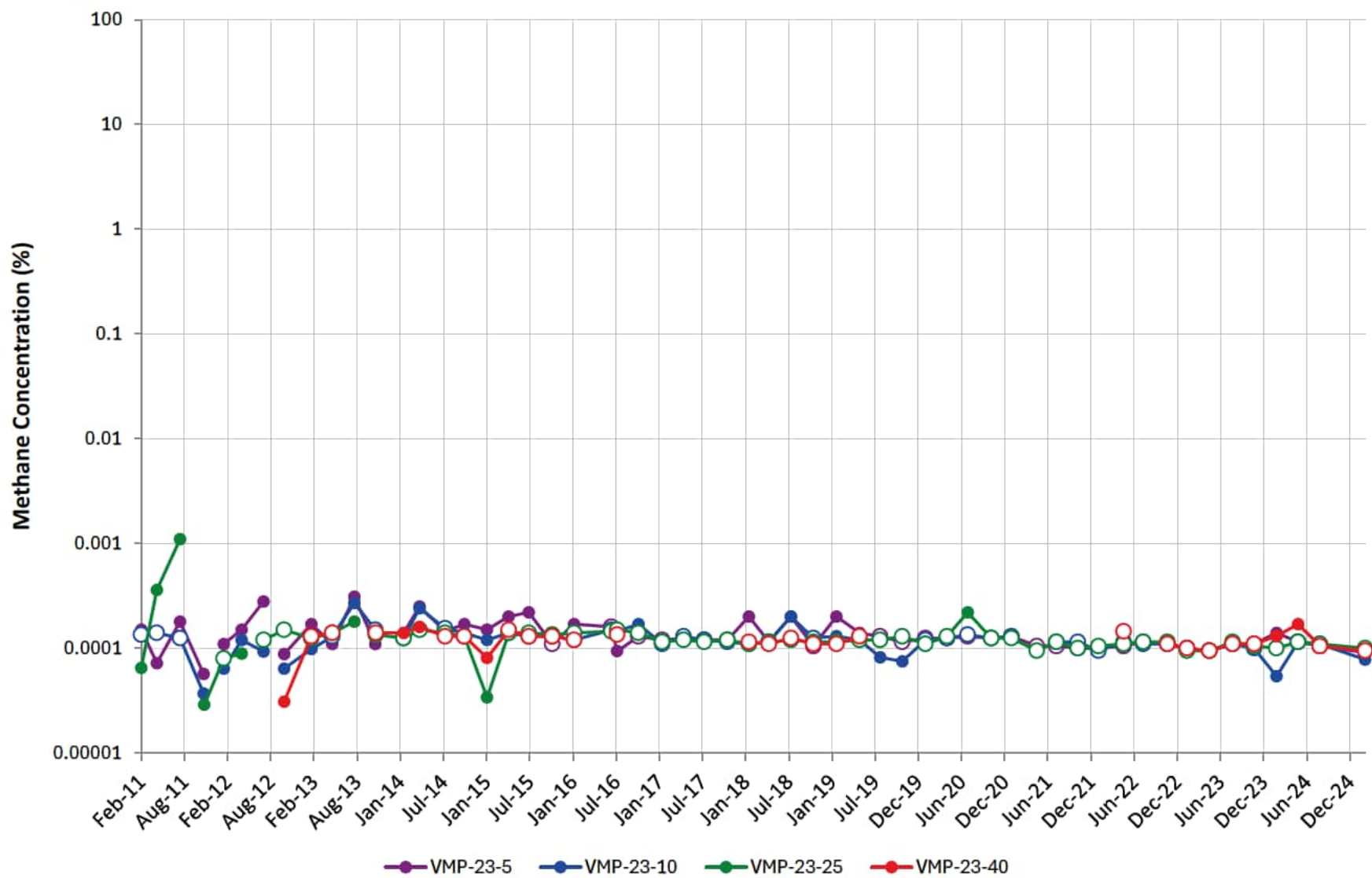
VMP-22

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



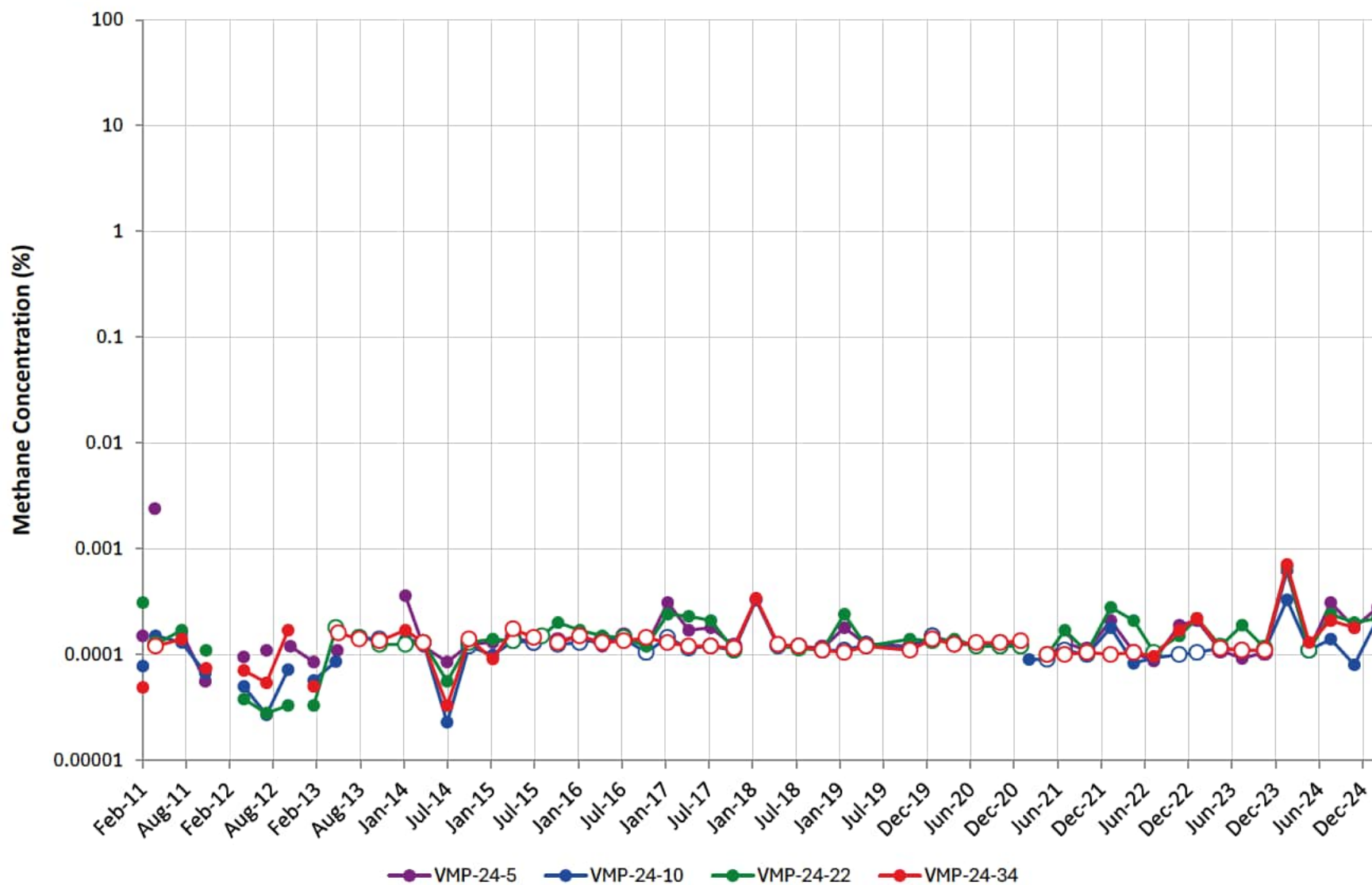
VMP-23

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



VMP-24

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

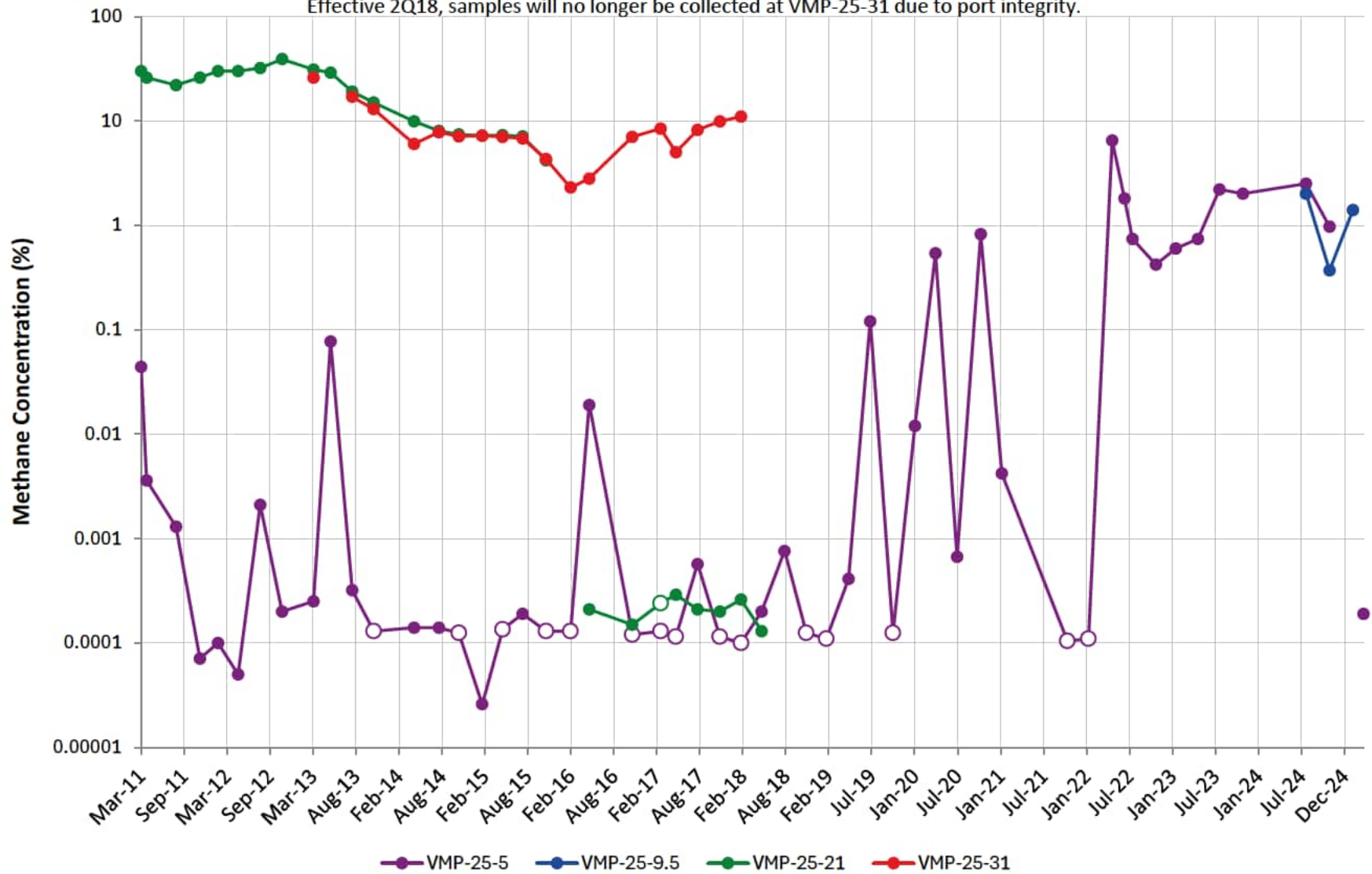


VMP-25

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

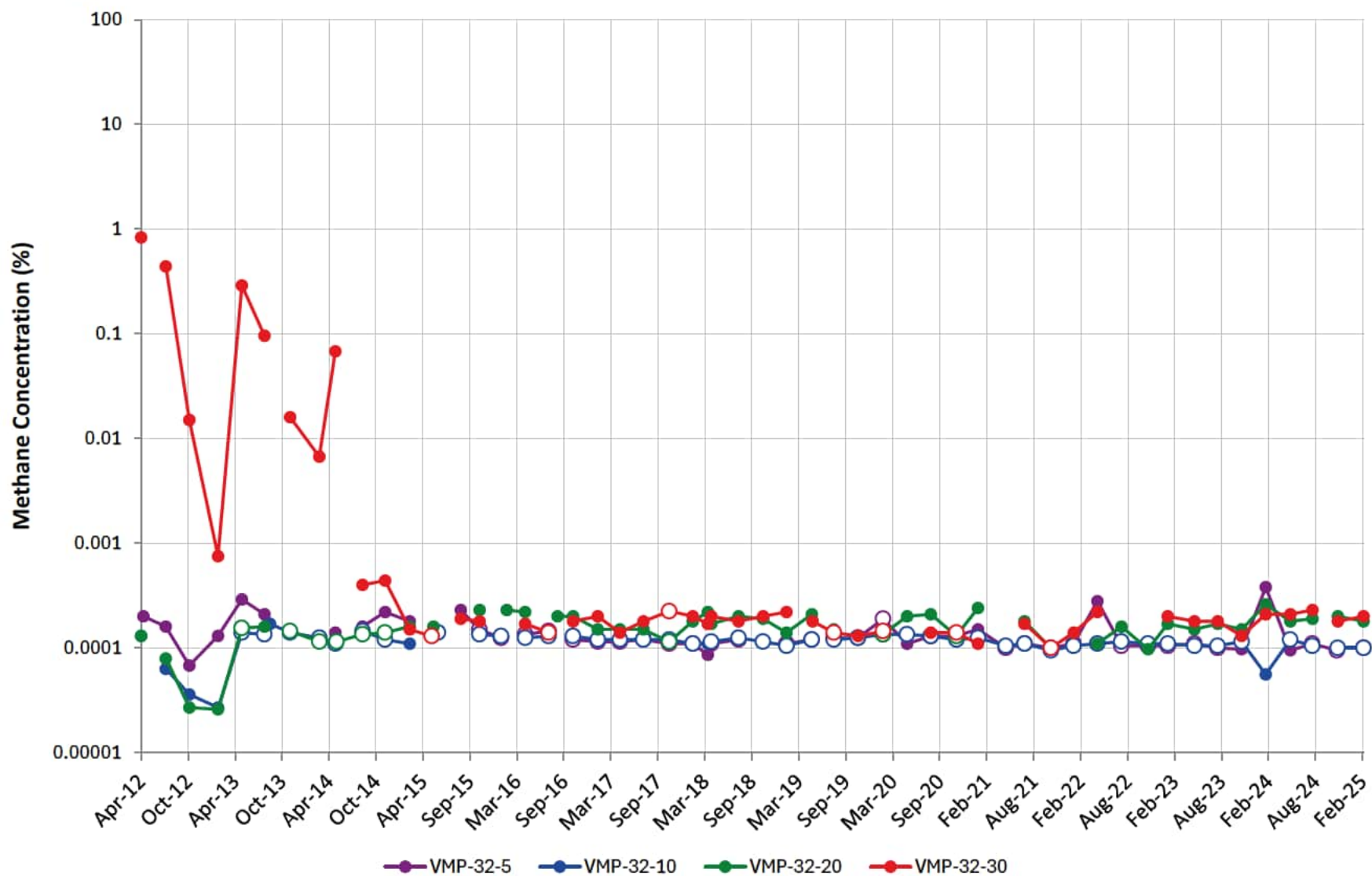
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



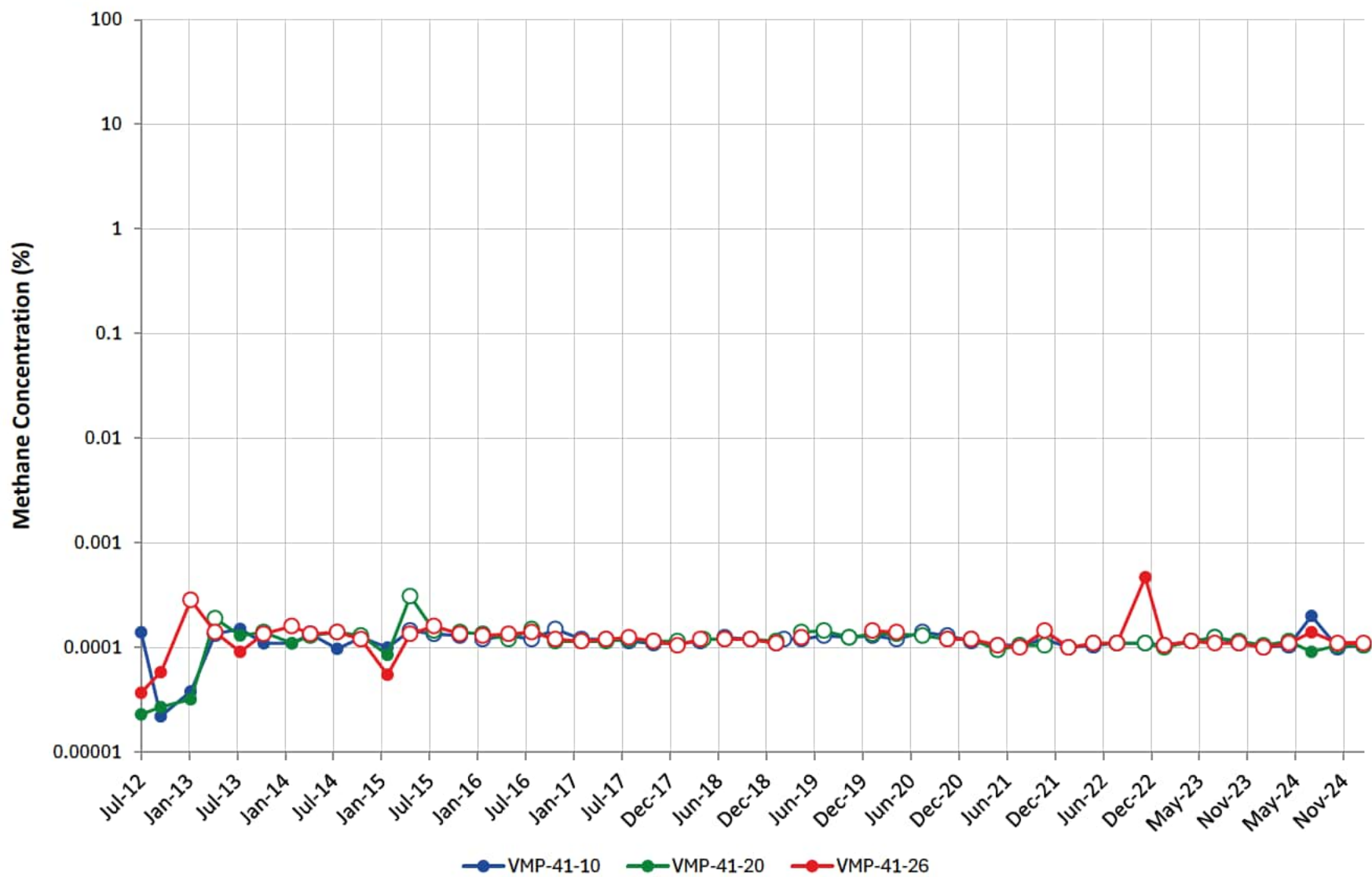
VMP-32

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



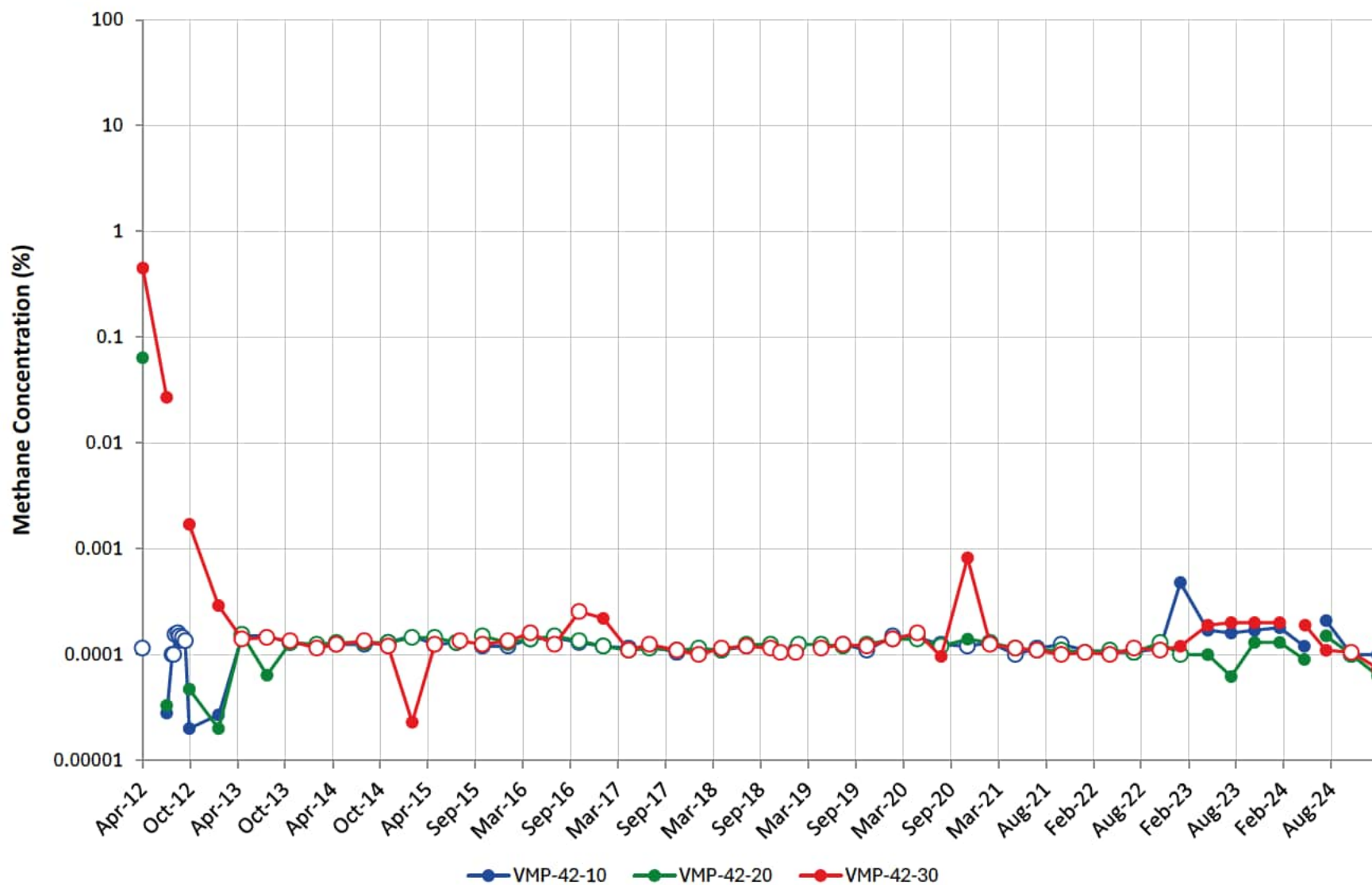
VMP-41

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



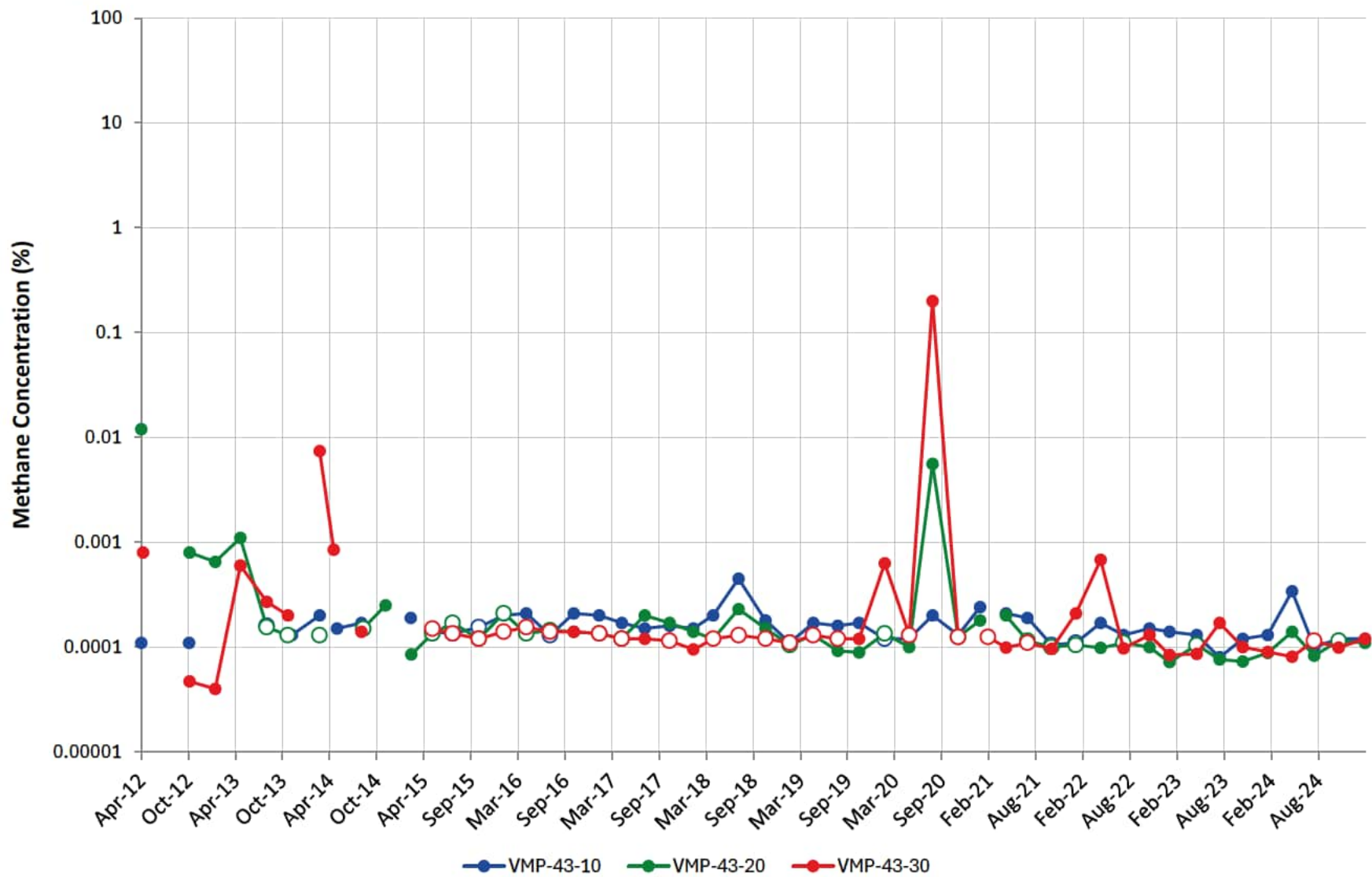
VMP-42

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



VMP-43

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

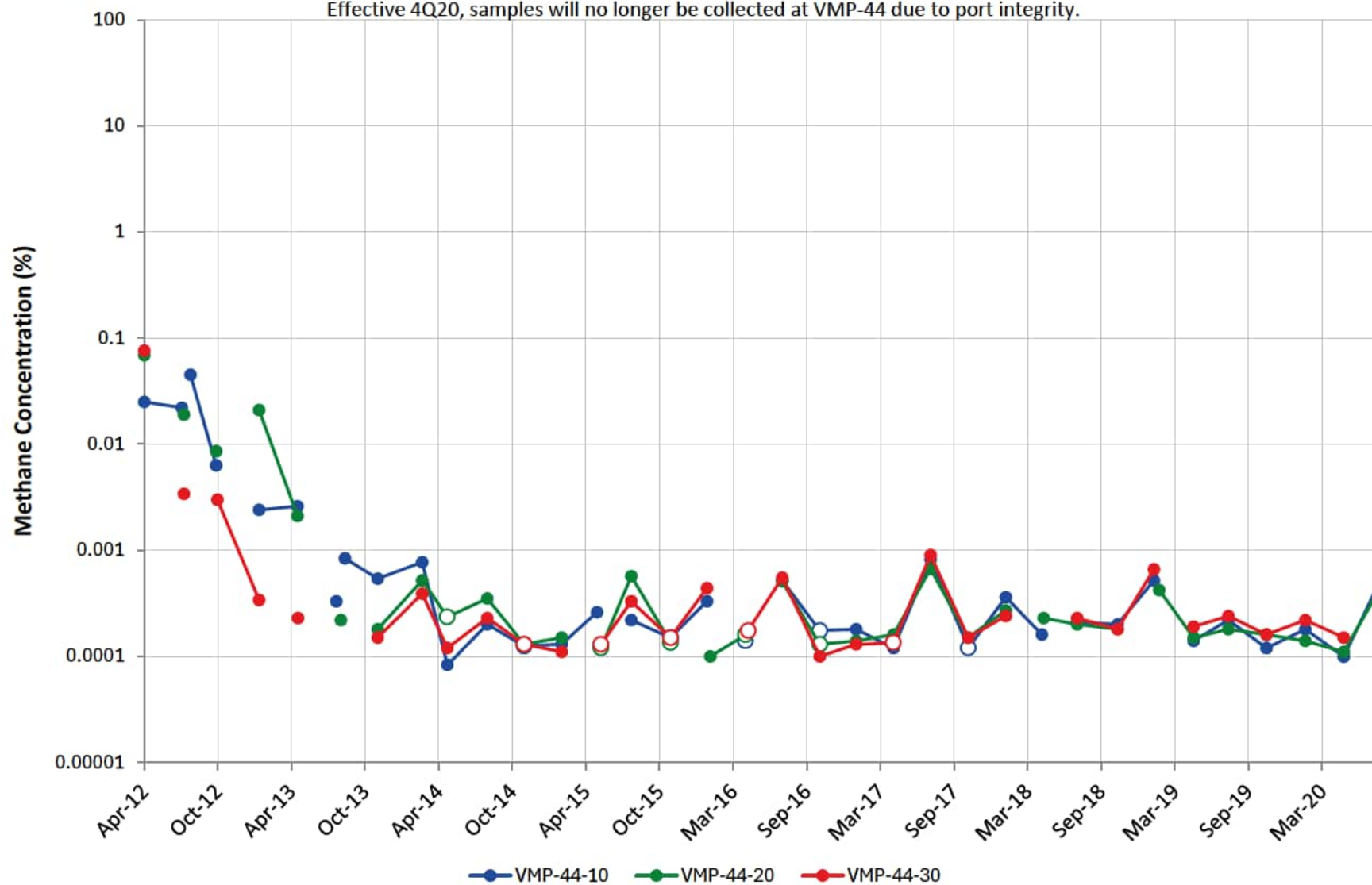


VMP-44

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

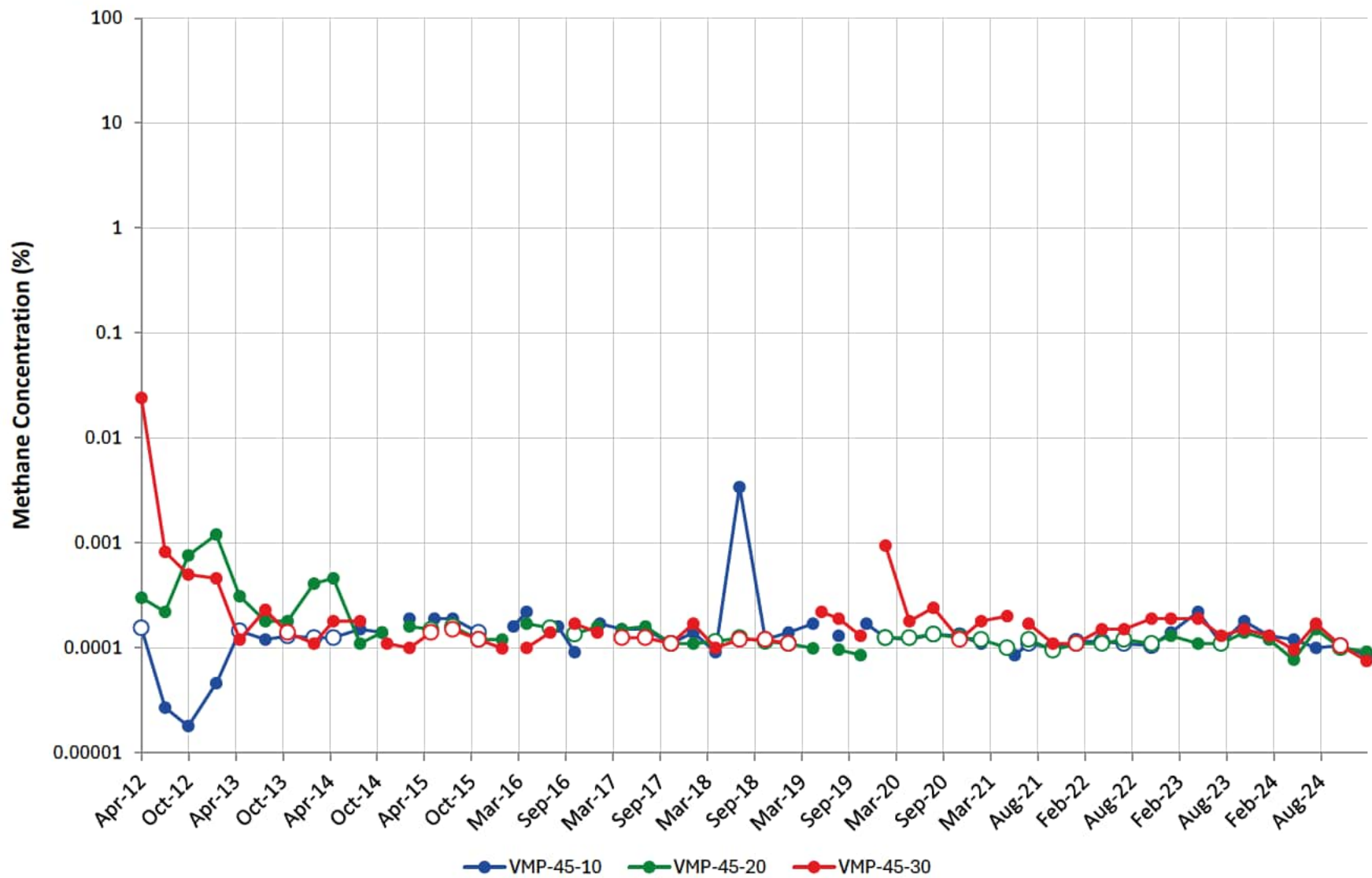
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

Effective 4Q20, samples will no longer be collected at VMP-44 due to port integrity.



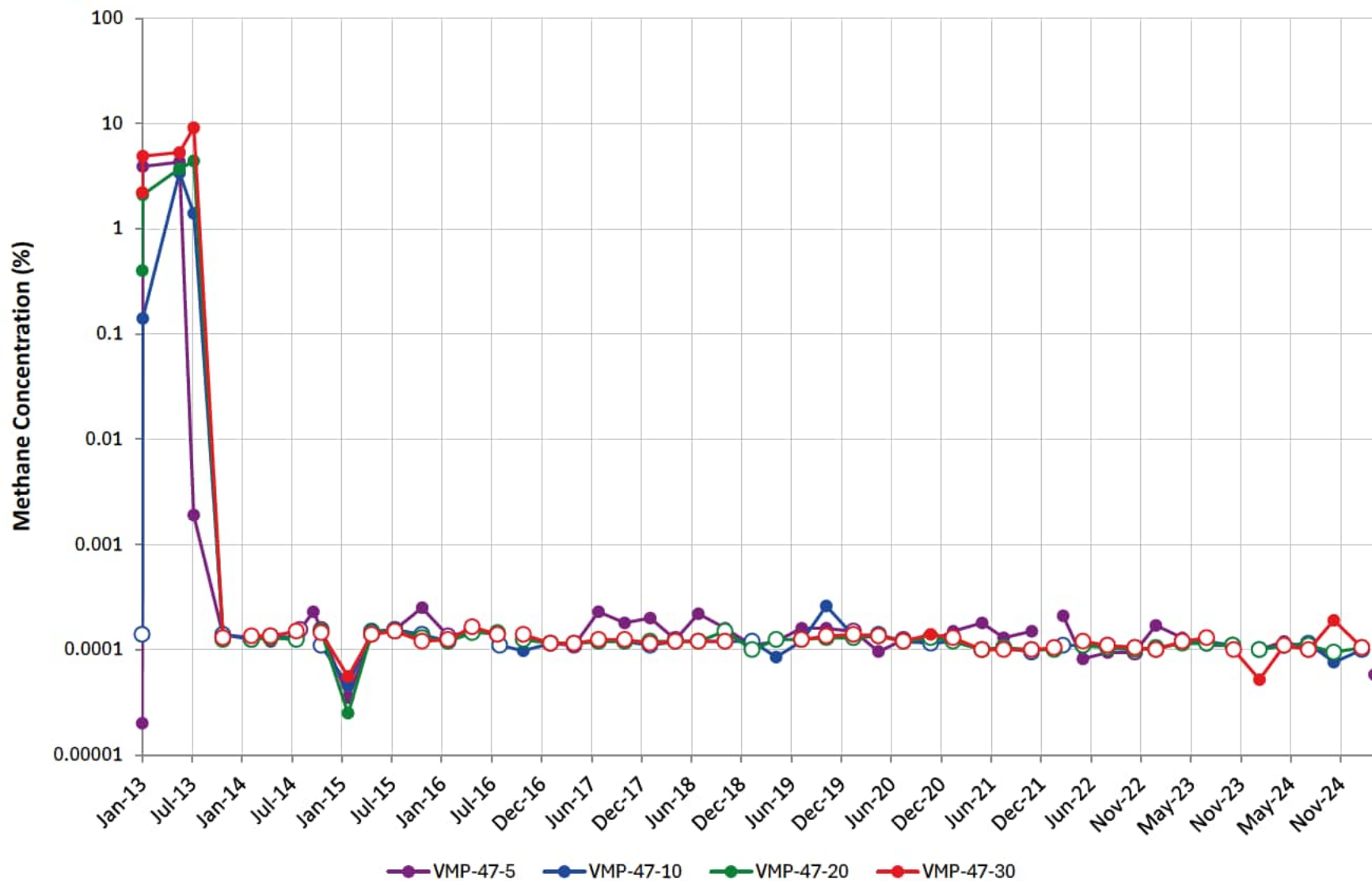
VMP-45

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



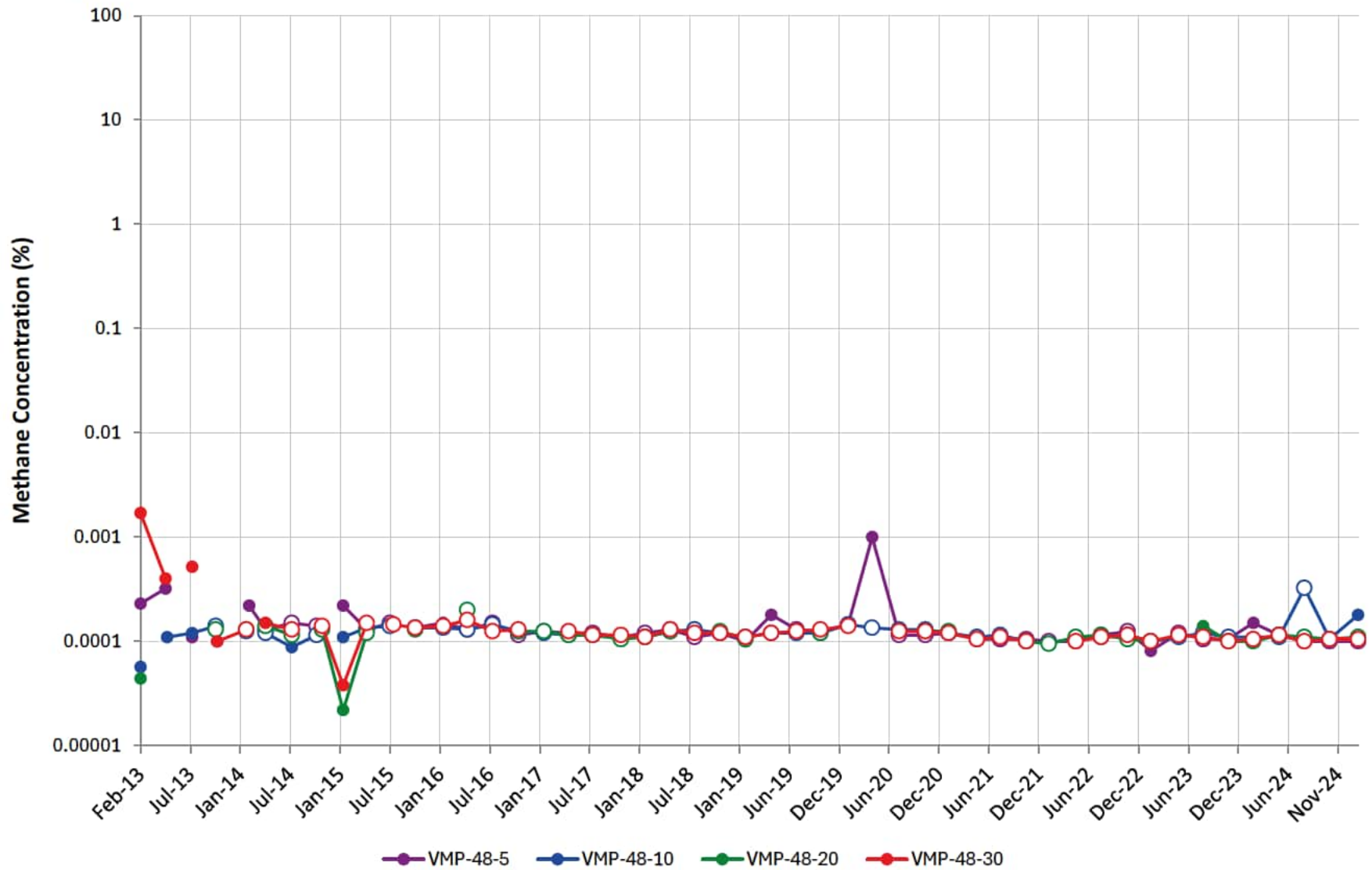
VMP-47

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



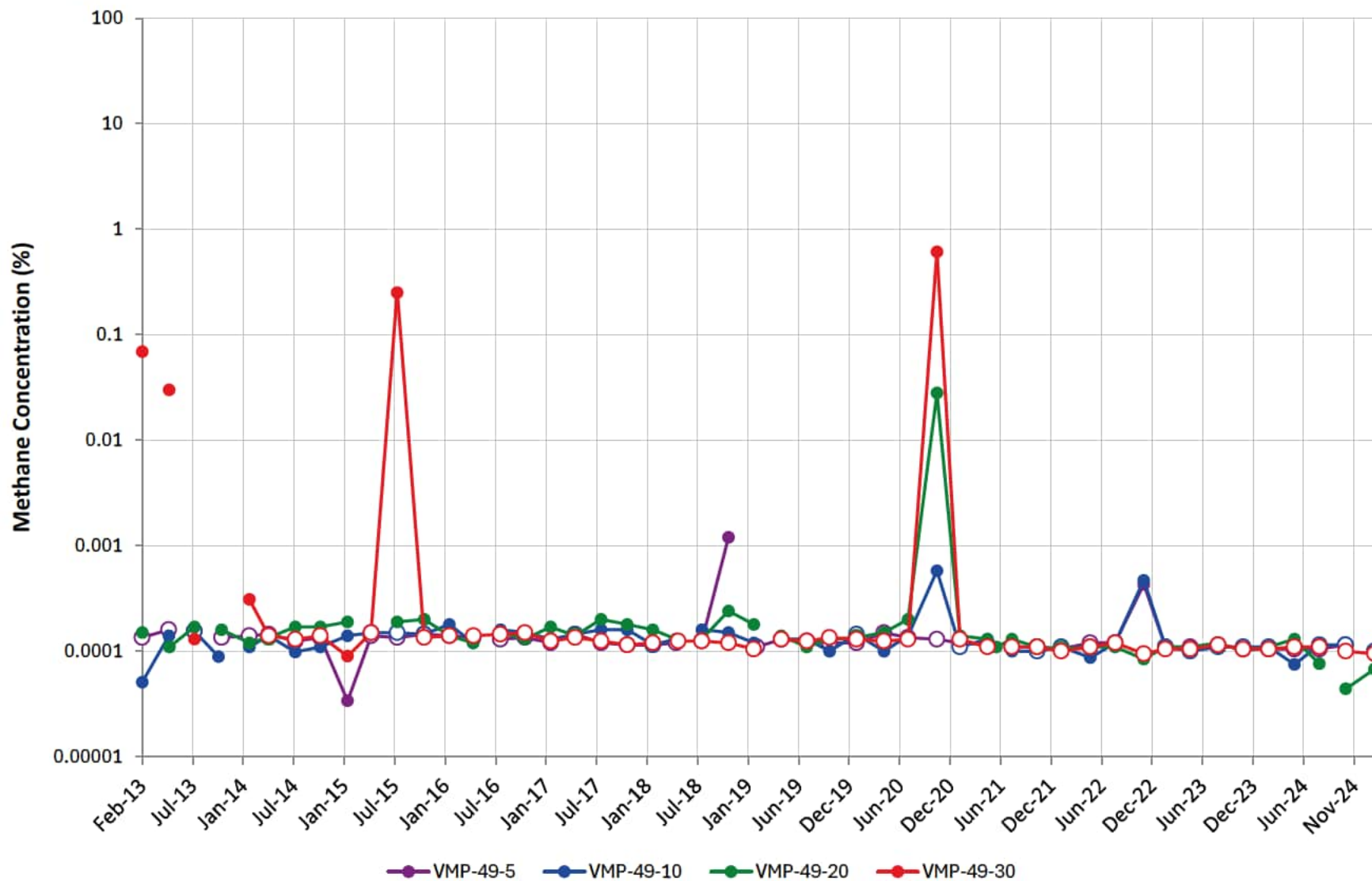
VMP-48

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



VMP-49

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

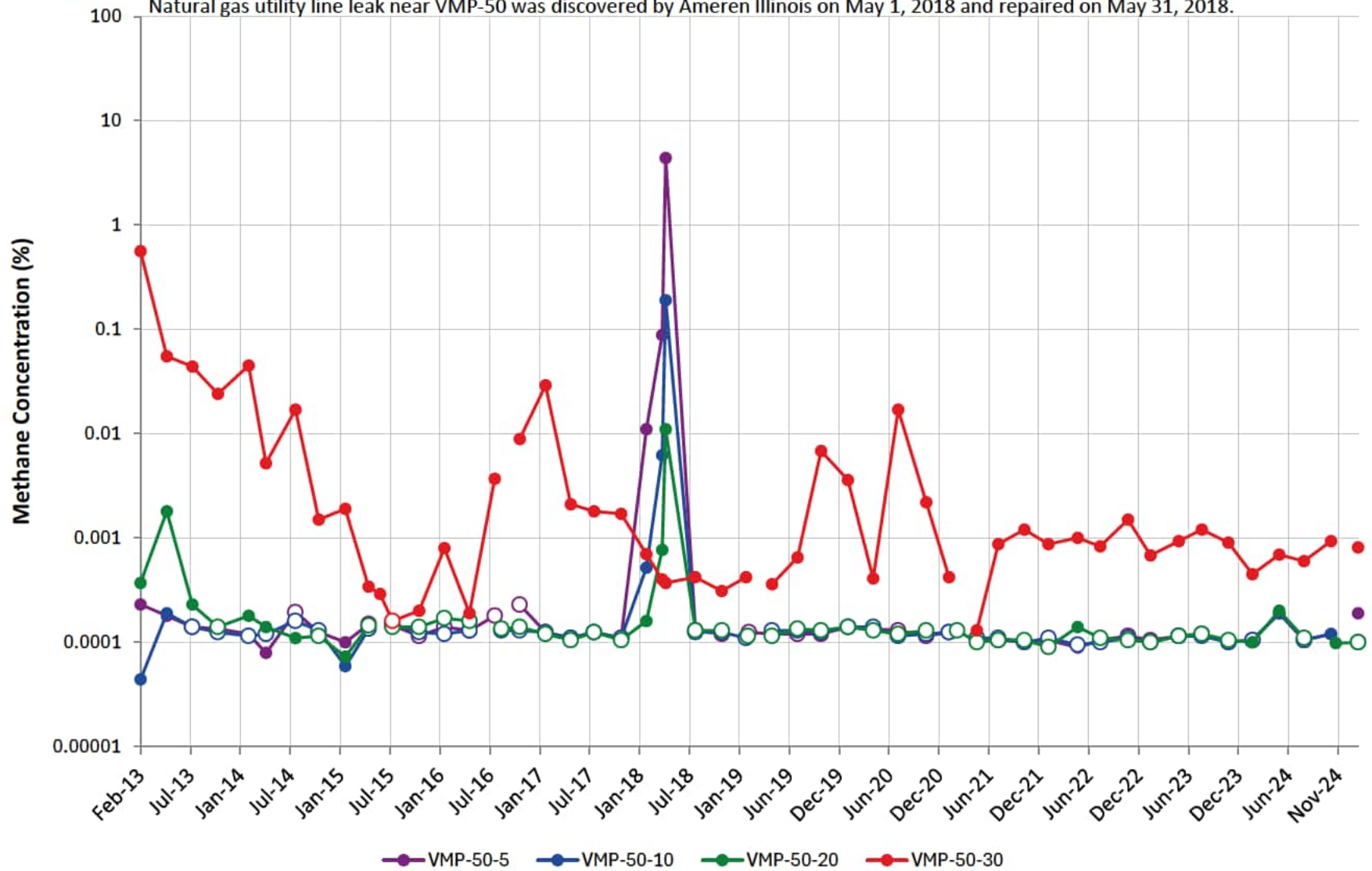


VMP-50

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

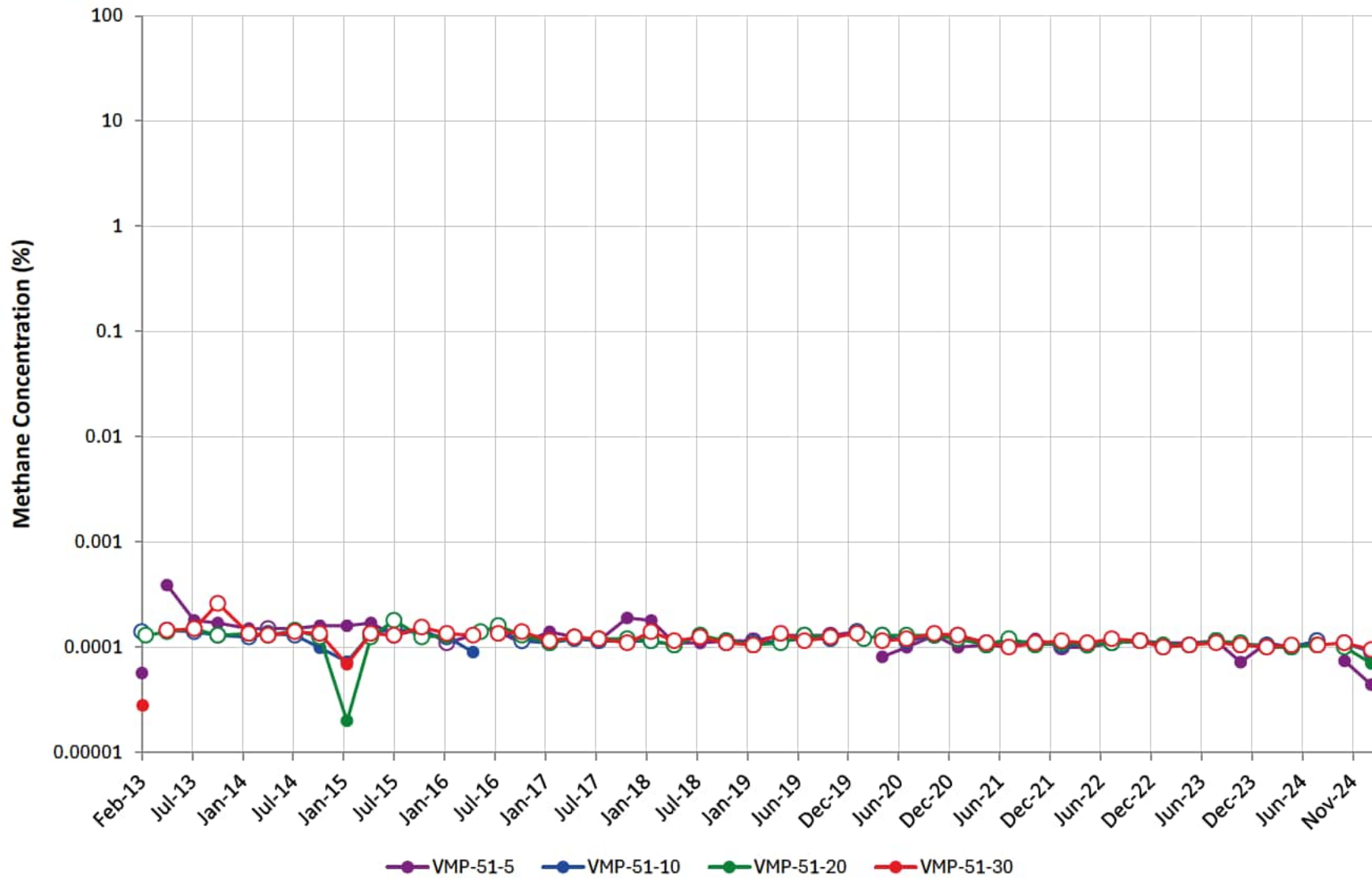
Gap in plot line indicates sample not able to be collected due to site conditions, or that ports were not sampled on the same day of the quarterly event.

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



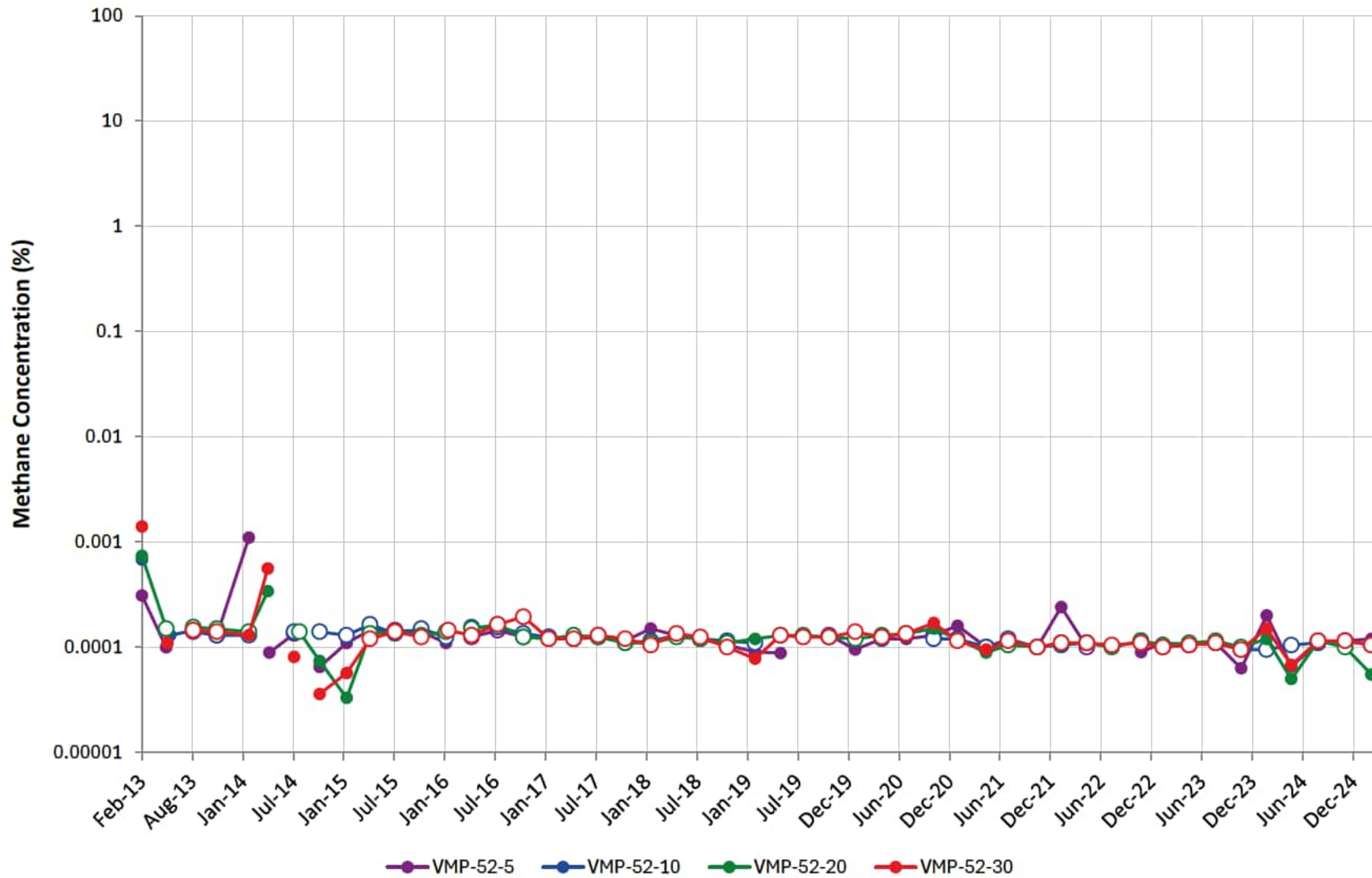
VMP-51

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



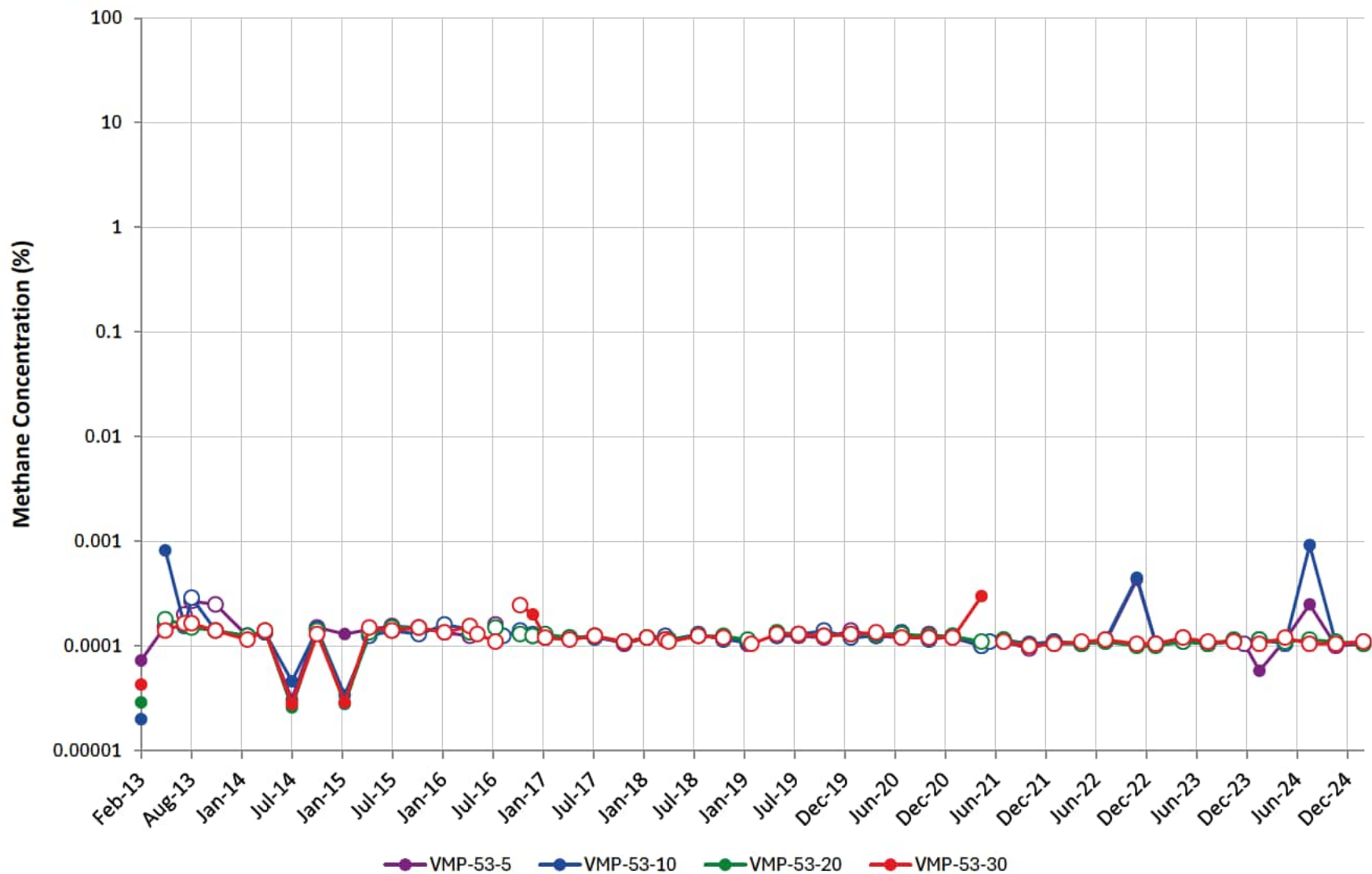
VMP-52

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



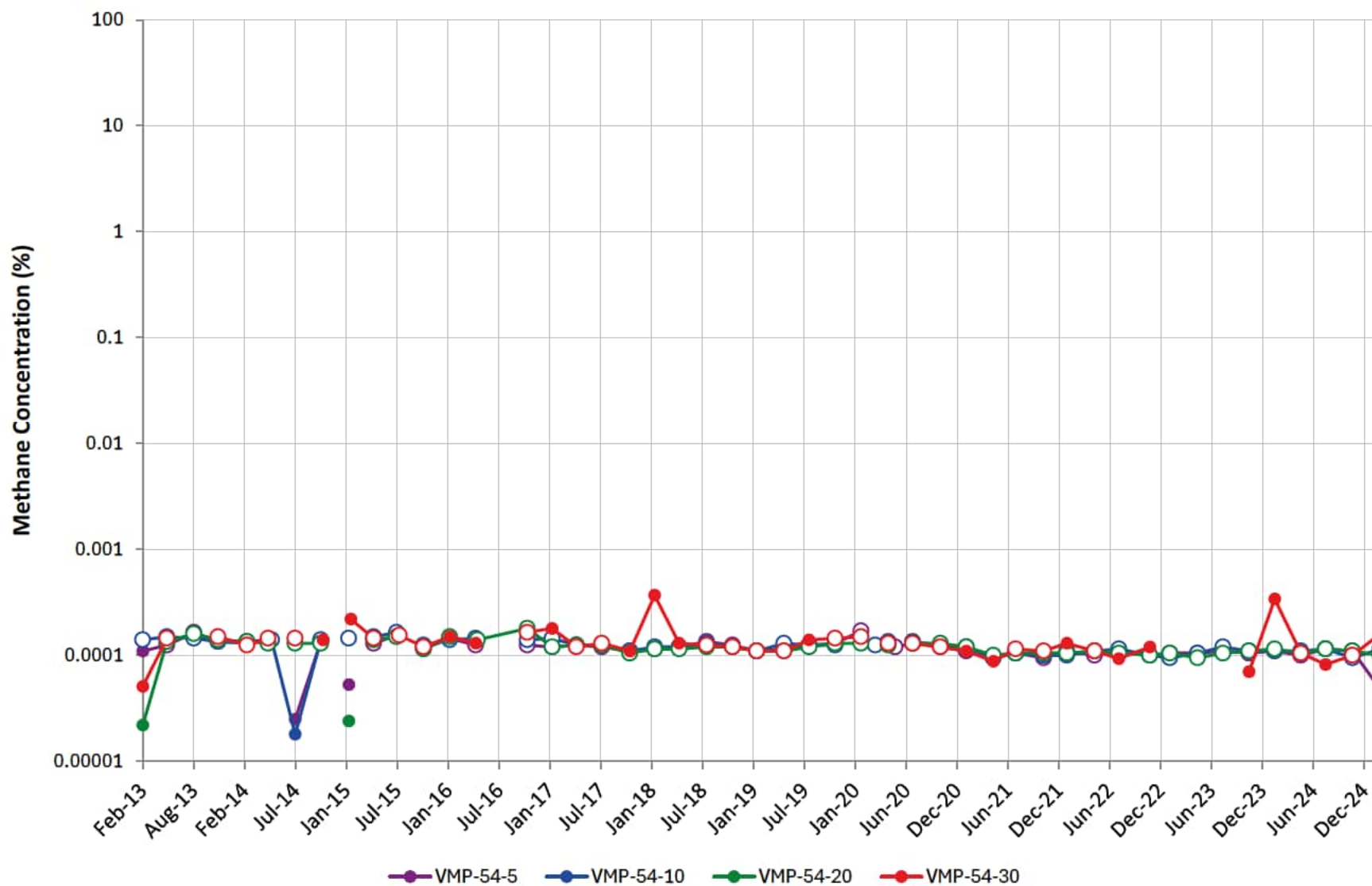
VMP-53

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



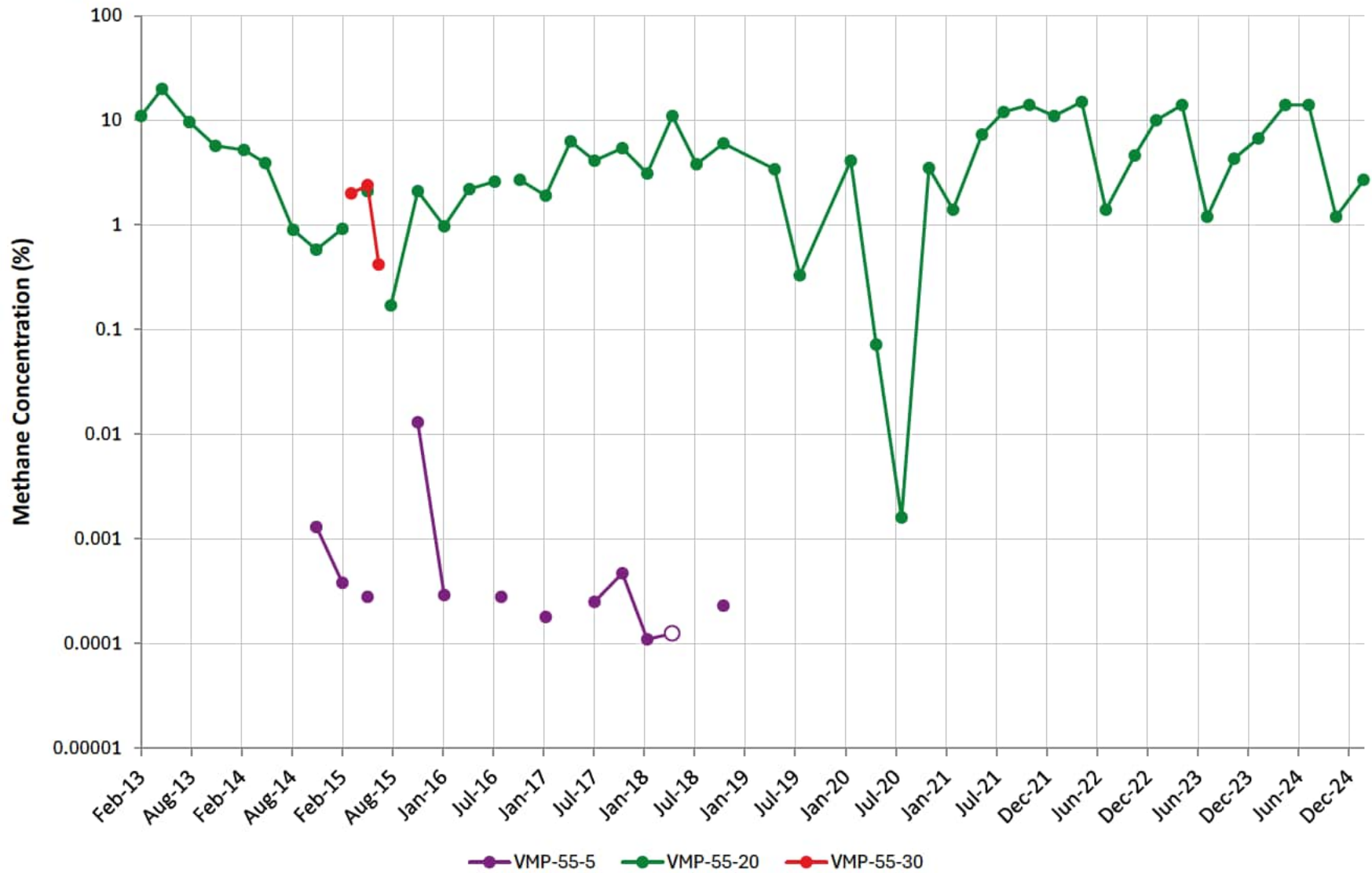
VMP-54

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



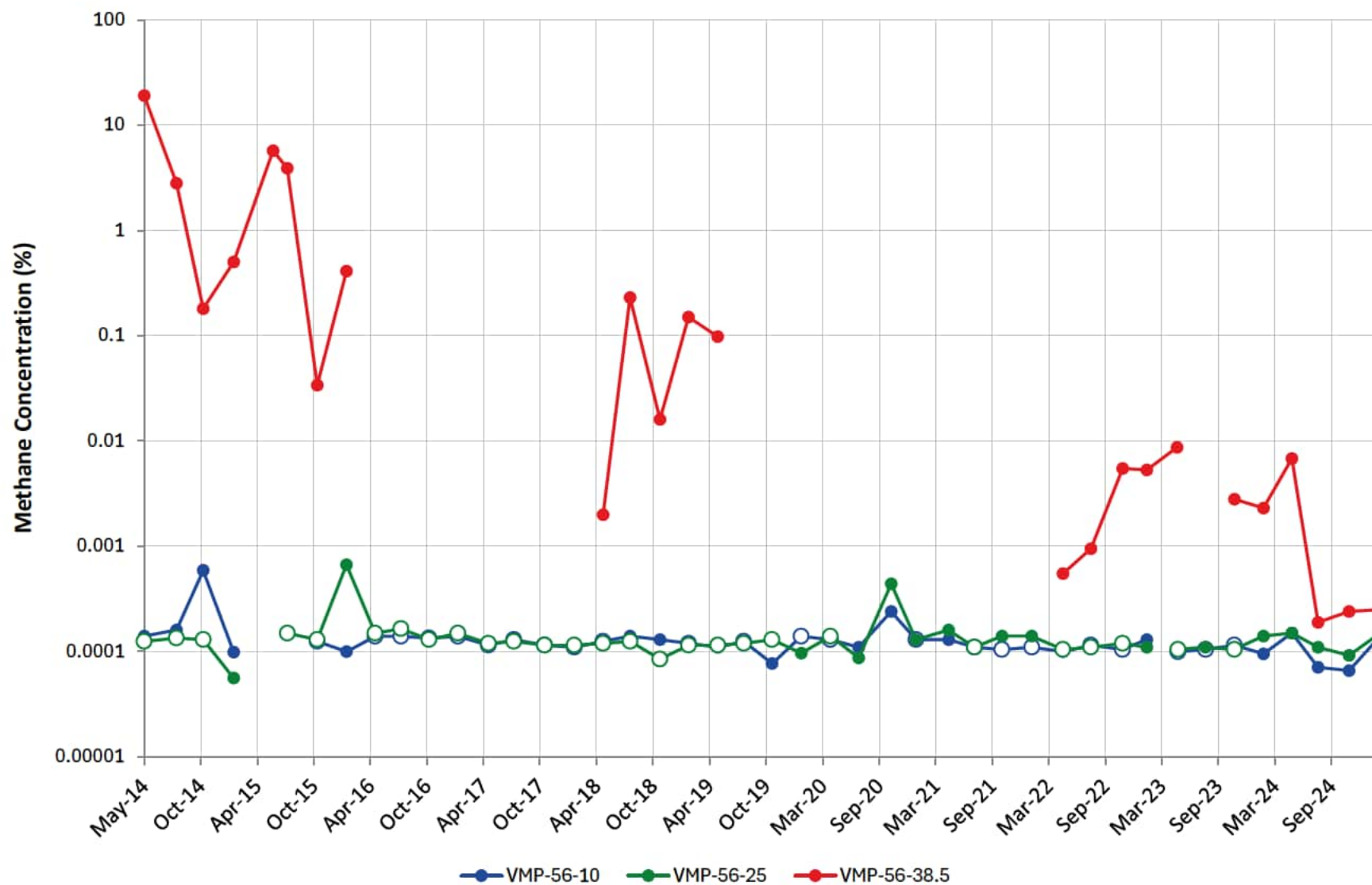
VMP-55

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



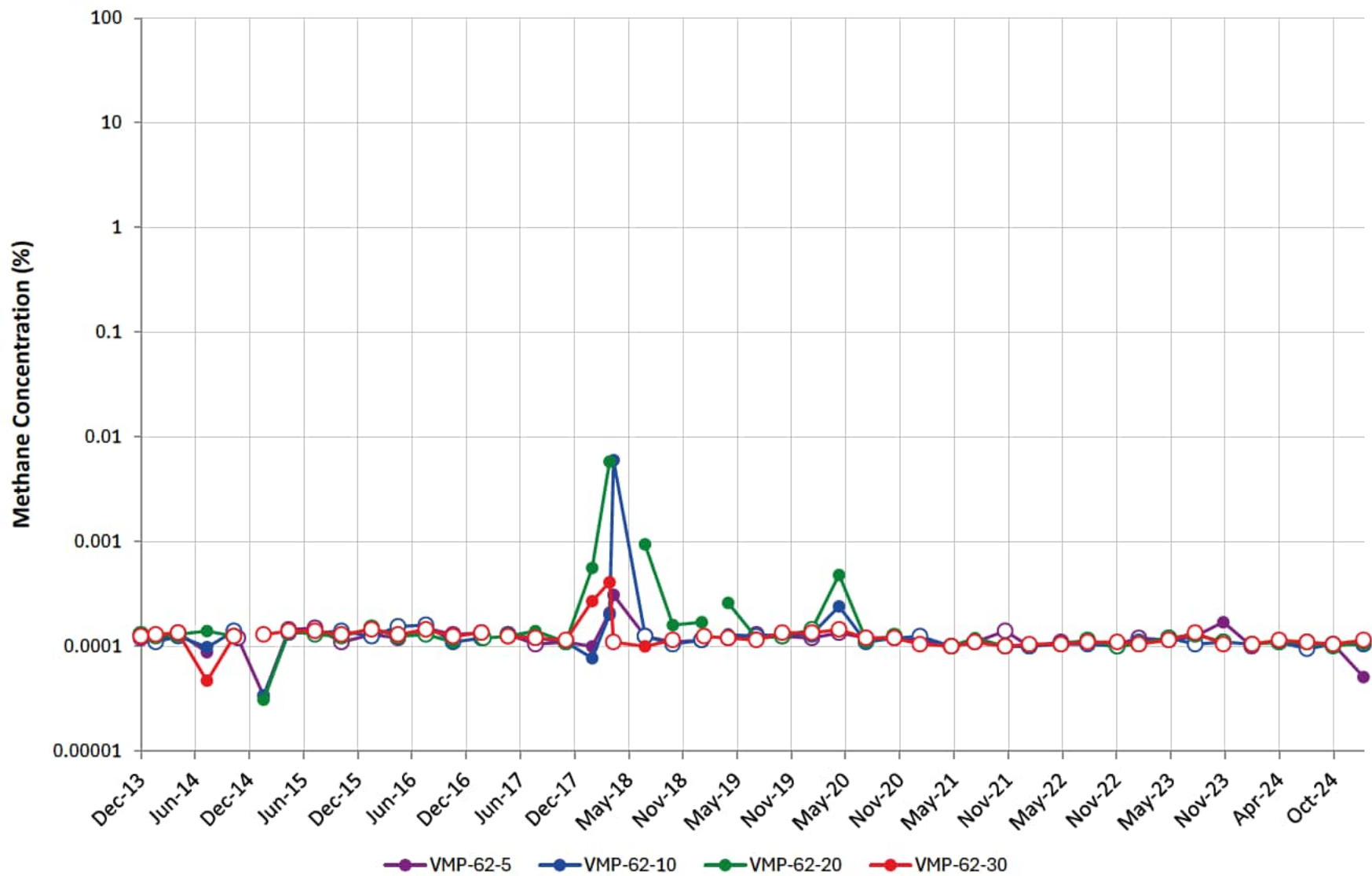
VMP-56

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



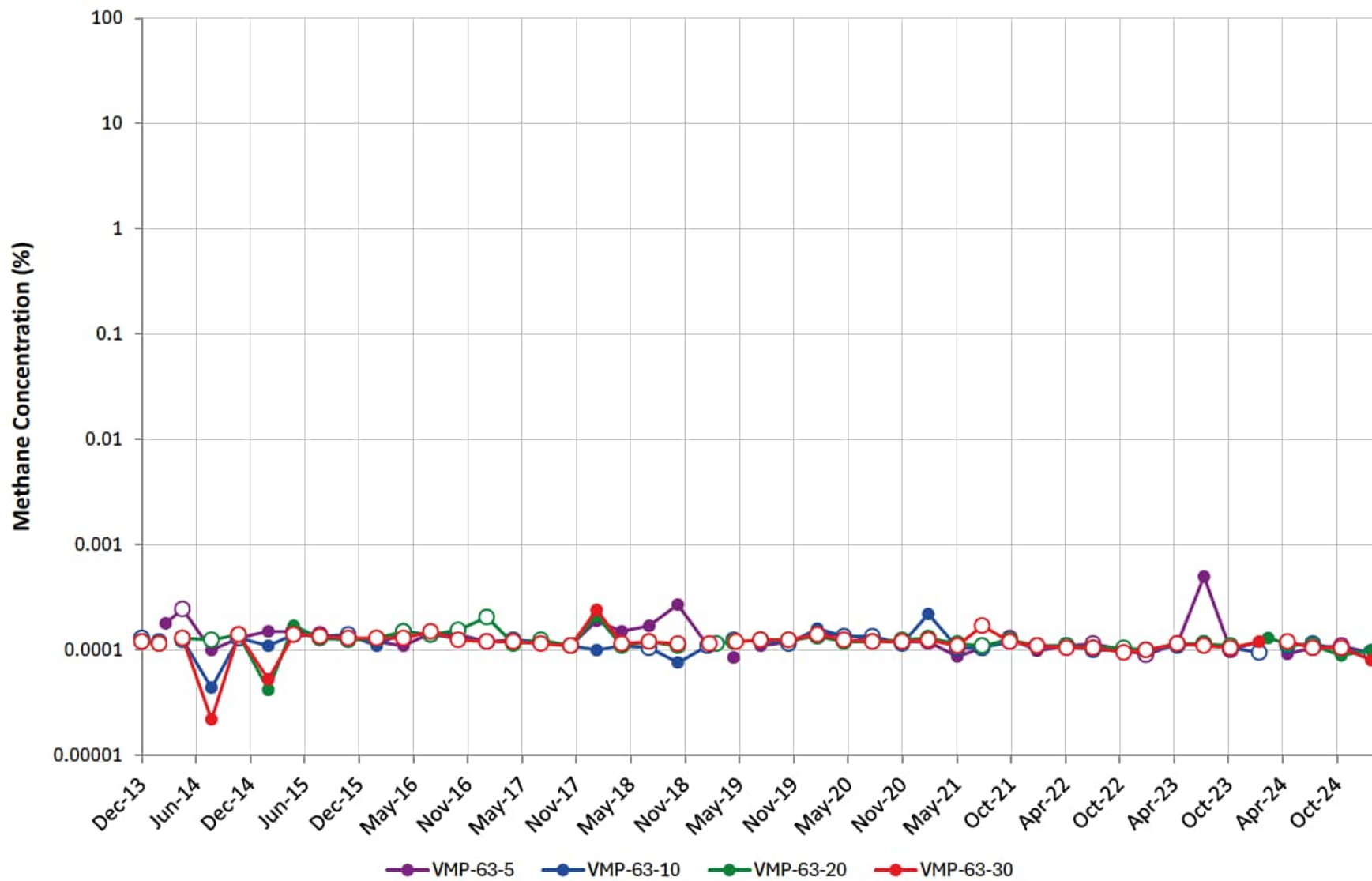
VMP-62

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



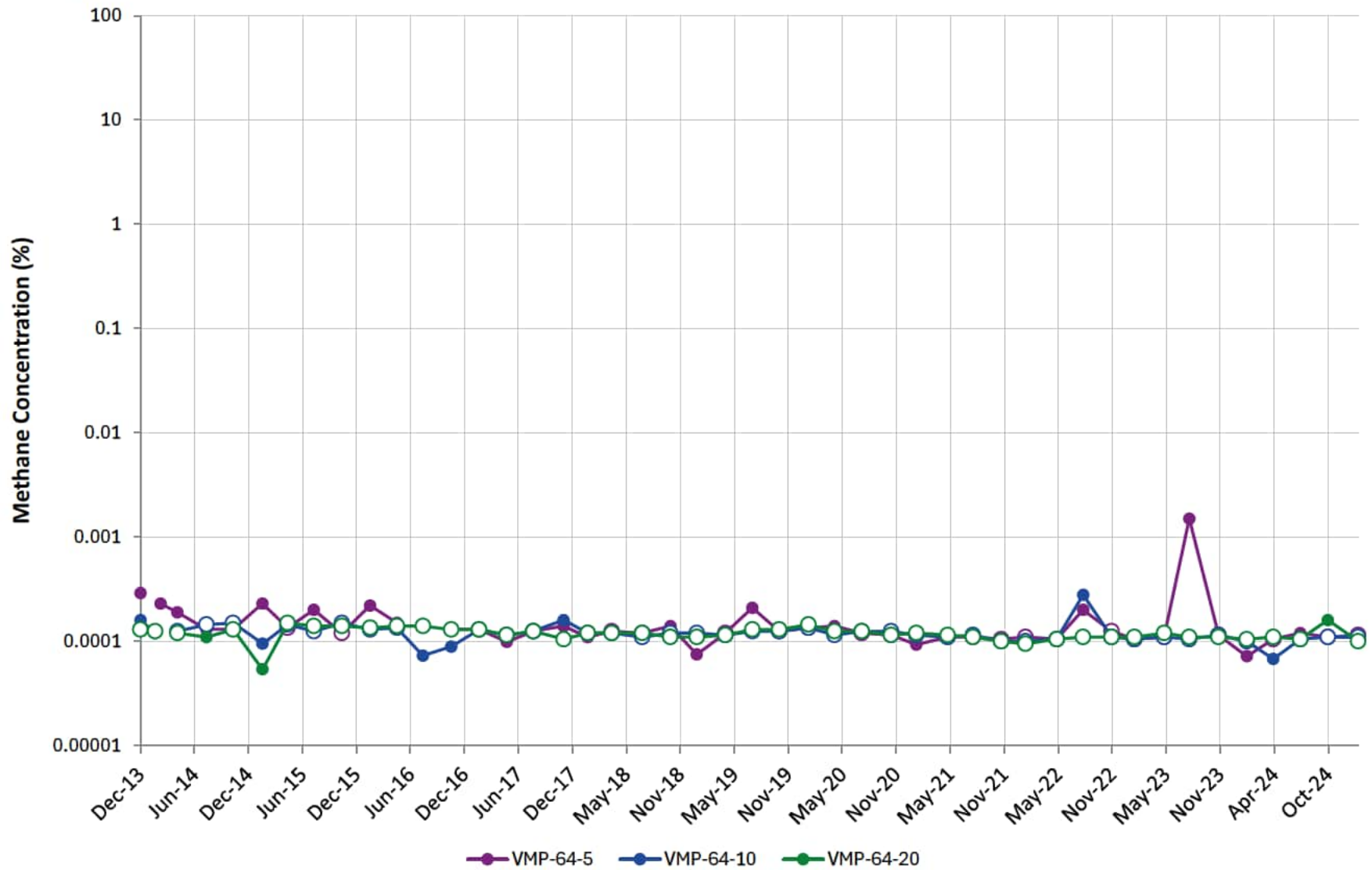
VMP-63

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



VMP-64

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



Appendix C

SVE System Operating Efficiency and Maintenance Chronology

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY

January-25		Hours of Operation	February-25		Hours of Operation	March-25		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	23.48	3	24	24	3	24	24
4	24	24	4	24	24	4	24	9
5	24	24	5	24	24	5	24	11.75
6	24	24	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	24	9	24	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	24	12	24	24
13	24	24	13	24	24	13	24	24
14	24	24	14	24	24	14	24	24
15	24	24	15	24	24	15	24	24
16	24	24	16	24	14.93	16	24	24
17	24	24	17	24	13.62	17	24	24
18	24	24	18	24	24	18	24	24
19	24	24	19	24	24	19	24	24
20	24	24	20	24	24	20	24	24
21	24	23.97	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	24	25	24	24
26	24	24	26	24	24	26	24	22.55
27	24	24	27	24	24	27	24	24
28	24	24	28	24	24	28	24	24
29	24	24				29	24	24
30	24	24				30	24	24
31	24	24				31	24	24
Totals	744	743.45	Totals	672	652.55	Totals	744	715.3
% Up Time		99.93%	% Up Time		97.11%	% Up Time		96.14%

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **January 3, 2025**– 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. Manual dilution valve adjusted from 30% to 35% opened.
- **January 8, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **January 13, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **January 20, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **January 21, 2025**– Rotary air compressor coolant changed, air-oil separator replaced, coolant filter replaced, pre-filter replaced, air filter replaced, aligned pulleys, and tightened belt.
- **January 27, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **February 3, 2025**– Teal Line header valve adjusted from 60% to 100% open. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **February 7, 2025**– Teal Line header valve adjusted from 100% to 60% open.
- **February 10, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **February 11, 2025**– Teal Line header valve adjusted from 60% to 100% open.
- **February 17, 2025**– Teal Line header valve adjusted from 100% to 60% open. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **February 18, 2025**– Cleaned WFL VLS float systems and housings.
- **February 21, 2025**– Teal Line header valve adjusted from 60% to 100% open.
- **February 24, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **February 27, 2025**– Repaired small crack in SVE-40 lateral line (well has been closed since July 1, 2020).
- **March 3, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **March 4, 2025**– 800 hour maintenance – Replaced WFL VLS filter and pre-filter, replaced PW VLS filter and pre-filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats. Cleaned both

APPENDIX C

SVE SYSTEM MAINTENANCE CHRONOLOGY

WFL and PW VLS units, cleaned both PW and WFL VLS float systems and housings. RTO shut down to allow for cooling prior to upcoming media inspection.

- **March 5, 2025**– Anguil Environmental Systems, Inc. inspected combustion chamber media. Restarted RTO after inspection was completed.
- **March 7, 2025**– Manual dilution valve adjusted from 35% to 25% open.
- **March 10, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **March 17, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **March 21, 2025**– Teal Line header valve adjusted from 100% to 60% open.
- **March 24, 2025**– Teal Line header valve changed from 60% to 100% open. Drained condensate from both system compressors and performed bubble test on natural gas line.
- **March 25, 2025**– Teal Line header valve changed from 100% to 0% open. Closed extraction wells SVE-20, SVE-21 and SVE-22. Blower speed decreased from 28% to 20%.
- **March 26, 2025**– Replaced WFL VLS filter and pre-filter, replaced blower pre-filter, changed the blower oil and changed oil from the poppet valve oiler.
- **March 28, 2025**– Former Public Works Yard Steam Enhanced Extraction (SEE) system began vapor extraction and sending vapor to RTO for destruction. Steam injection did not occur in 1Q25.
- **March 31, 2025**– Drained condensate from both system compressors and performed bubble test on natural gas line. Rotary air compressor coolant topped off.

Appendix D

SVE System Leg Flow Rates

APPENDIX D
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow ¹ (SCFM)	Blue Leg Flow ¹ (SCFM)	Green Leg Flow ¹ (SCFM)	Teal Leg Flow ¹ (SCFM)	Purple Leg Flow ¹ (SCFM)	Brown Leg Flow ¹ (SCFM)
4/2/2024	122	99	0	88	119	0
4/10/2024	105	84	0	74	90	0
4/16/2024	148	88	0	75	107	0
4/22/2024	155	93	0	78	93	0
5/2/2024	148	87	0	64	103	0
5/7/2024	140	93	0	65	92	0
5/14/2024	149	88	0	61	95	0
5/21/2024	149	89	0	68	116	0
5/29/2024	144	80	0	97	121	0
6/5/2024	147	85	0	95	103	0
6/14/2024	70	50	0	0	49	0
6/19/2024	74	49	0	0	63	0
6/26/2024	173	92	0	0	114	0
7/2/2024	171	93	0	0	97	0
7/9/2024	149	89	0	0	109	0
7/17/2024	155	90	0	0	124	0
7/23/2024	150	83	0	0	126	0
7/31/2024	134	74	0	0	113	0
8/6/2024	141	83	0	0	116	0
8/13/2024	149	88	0	0	114	0
8/19/2024	148	89	0	0	124	0
8/26/2024	107	66	0	0	93	0
9/4/2024	103	62	0	158	66	0
9/11/2024	111	70	0	0	92	0
9/18/2024	109	60	0	0	71	0
9/24/2024	90	56	0	0	65	0
10/2/2024	82	45	0	0	58	0
10/8/2024	66	41	0	0	46	0
10/15/2024	59	35	0	0	40	0
10/22/2024	156	88	0	336	131	0
10/29/2024	153	83	0	206	87	0
11/6/2024	157	90	0	387	78	0
11/12/2024	169	95	0	308	86	0
11/20/2024	148	89	0	283	74	0
11/26/2024	151	84	0	280	95	0
12/3/2024	148	8	0	299	82	0
12/12/2024	150	92	0	277	83	0
12/17/2024	157	93	0	224	72	0
12/24/2024	157	92	0	215	73	0

APPENDIX D
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow ¹ (SCFM)	Blue Leg Flow ¹ (SCFM)	Green Leg Flow ¹ (SCFM)	Teal Leg Flow ¹ (SCFM)	Purple Leg Flow ¹ (SCFM)	Brown Leg Flow ¹ (SCFM)
1/2/2025	142	85	0	183	67	0
1/9/2025	127	89	0	0	62	0
1/14/2025	122	88	0	25	66	0
1/22/2025	127	69	0	44	52	0
1/28/2025	123	83	0	154	68	0
2/4/2025	112	72	0	300	57	0
2/11/2025	119	76	0	304	64	0
2/17/2025	118	78	0	195	107	0
2/26/2025	120	73	0	295	58	0
3/3/2025	75	73	0	301	56	0
3/11/2025	88	84	0	352	60	0
3/19/2025	79	84	0	355	65	0
3/25/2025	94	90	0	0	81	0

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

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

³Teal Leg was shut off from June 12, 2024 to October 21, 2024 due to SEE system vapor extraction, and was briefly opened in 3Q24 during periods of SEE system downtime.

⁴Teal leg was shut off on March 25, 2025 in advance of SEE restart activities. Flow was zero on January 9, 2025 due to ice in line.

Appendix E

Total Header Hydrocarbon Concentrations

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
4/2/2024	21,100	64,780
4/10/2024	21,800	51,220
4/16/2024	20,300	57,200
4/22/2024	17,000	56,850
5/2/2024	21,600	60,510
5/7/2024	29,400	66,710
5/14/2024	34,900	58,350
5/21/2024	36,300	55,780
5/29/2024	27,870	63,320
6/5/2024	33,200	65,350
6/14/2024	12,123	Header Closed
6/19/2024	12,729	Header Closed
6/26/2024	24,926	Header Closed
7/2/2024	19,435	Header Closed
7/9/2024	21,270	Header Closed
7/17/2024	23,437	Header Closed
7/23/2024	24,230	Header Closed
7/31/2024	19,093	Header Closed
8/6/2024	21,199	Header Closed
8/13/2024	17,628	Header Closed
8/19/2024	19,190	Header Closed
8/26/2024	18,150	Header Closed
9/4/2024	16,015	49
9/11/2024	19,527	Header Closed
9/18/2024	17,032	Header Closed
9/24/2024	17,667	Header Closed
10/2/2024	18,960	Header Closed
10/8/2024	16,664	Header Closed
10/15/2024	22,076	Header Closed
10/22/2024	25,232	8,443
10/29/2024	23,492	20,454
11/6/2024	21,655	14,303
11/12/2024	17,394	14,447
11/20/2024	20,520	14,014
11/26/2024	23,478	10,998
12/3/2024	21,684	6,652
12/12/2024	21,362	7,722
12/17/2024	19,249	5,194
12/24/2024	18,670	5,920

APPENDIX E
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
1/2/2025	18,403	9,944
1/9/2025	23,141	18,266
1/14/2025	21,891	21,013
1/22/2025	20,589	14,191
1/28/2025	25,887	18,584
2/4/2025	16,738	11,706
2/11/2025	21,673	13,178
2/17/2025	22,637	13,613
2/26/2025	24,264	14,981
3/3/2025	30,763	13,005
3/11/2025	32,556	13,967
3/19/2025	37,626	11,593
3/25/2025	40,423	Header Closed

¹Public Works Header was shut off from June 12, 2024 to October 21, 2024 due to SEE system vapor extraction, and was briefly opened in 3Q24 during periods of SEE system downtime.

²Public Works Header was shut off on March 25, 2025 in advance of SEE restart activities.

Appendix F

SVE System Flow Rates

APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header¹ (SCFM)	Public Works Header¹ (SCFM)
4/2/2024	340	88
4/10/2024	278	74
4/16/2024	343	75
4/22/2024	341	78
5/2/2024	338	64
5/7/2024	326	65
5/14/2024	333	61
5/21/2024	354	68
5/29/2024	346	97
6/5/2024	335	95
6/14/2024	169	0
6/19/2024	186	0
6/26/2024	379	0
7/2/2024	361	0
7/9/2024	347	0
7/17/2024	369	0
7/23/2024	359	0
7/31/2024	422	28
8/6/2024	470	52
8/13/2024	478	45
8/19/2024	478	69
8/26/2024	384	61
9/4/2024	321	208
9/11/2024	373	56
9/18/2024	315	45
9/24/2024	285	43
10/2/2024	246	37
10/8/2024	212	178
10/15/2024	134	168
10/22/2024	375	336
10/29/2024	322	343
11/6/2024	325	387
11/12/2024	350	308
11/20/2024	310	283
11/26/2024	331	280
12/3/2024	238	299
12/12/2024	325	277
12/17/2024	321	224
12/24/2024	322	215

APPENDIX F
SVE SYSTEM FLOW RATES

Date	West Fenceline Header¹ (SCFM)	Public Works Header¹ (SCFM)
1/2/2025	295	183
1/9/2025	278	0
1/14/2025	276	25
1/22/2025	248	44
1/28/2025	274	154
2/4/2025	242	300
2/11/2025	259	304
2/17/2025	303	195
2/26/2025	251	295
3/3/2025	203	301
3/11/2025	232	352
3/19/2025	227	355
3/25/2025	264	0

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

²Public Works header was closed on June 12, 2024 due to start of SEE system vapor extraction.
Public Works header was re-opened on October 21, 2024 after the SEE system was shut down.

³West Fenceline Supplemental Dilution Valves #1 and #2, and the Public Works Supplemental Dilution Valve were opened on July 26, 2024 to assist with the processing of vapor from the SEE system. Supplemental dilution introduces ambient air into the headers downstream of the contribution of vapors from the SVE wells, and therefore increases total header flow. The West Fenceline Header flow values from July 31 - October 8, 2024 include the contribution of ambient air introduced through Supplemental Dilution Valves #1 and #2. Both West Fenceline Supplemental Dilution Valves were closed on October 14, 2024. With the exception of the September 4, 2024 flow value above (two Public Works SVE wells were open on 9/4/2024), the Public Works Header flow values from July 31 - October 15, 2024 represent the flow of ambient air through the Public Works Supplemental Dilution Valve.

⁴Public Works header was closed on March 25, 2025 in advance of SEE restart activities. Flow was zero on January 9, 2025 due to ice in line.

