Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

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

1.0 Facility Identification

Name Equilon Enterprises LLC d/b/a/ SOPUS
Street Address 900 South Central Ave.
City Roxana
County Madison
Site No. (IEPA) 1191150002
Site No. (USEPA) ILD080 012 305

2.0 Owner Information

Name Not Applicable
Mail Address
City
State Zip Code
Contact Name
Contact Title
Phone

3.0 Operator Information

Name Equilon Enterprises LLC d/b/a/ SOPUS
Mail Address 150 N. Dairy Ashford, Bldg A, 5th Fl
City Houston
State TX Zip Code 77079
Contact Name Dan Kirk
Contact Title Principal Program Manager
Phone 281-544-9796

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

☐ RFI Phase I Workplan/Report IEPA Permit Log No. B-43R
☐ RFI Phase II Workplan/Report Date of Last IEPA Letter on Project October 1, 2020
☐ CMP Report; No. of Last IEPA Letter on Project B-43R-CA-95, CA-98
☑ Other (describe): Does this submittal include groundwater information: ☑ Yes ☐ No
Soil Vapor Sampling & SVE Monitoring Report - 4th Quarter 2020
Date of Submittal 1/28/2021

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

Soil Vapor Sampling and SVE Monitoring Report for the 4th Quarter 2020 in the project area located in the Village of Roxana, Illinois.

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

Cover letter, RCRA Corrective Action Certification and Soil Vapor Sampling and SVE Monitoring Report - 4th Quarter 2020 dated 1/28/2021 Copy of submittal also sent directly to R. Watson and G. Search of IEPA.

7.0 Certification Statement

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

Roxana, Illinois 4Q20 SV-SVE Report

Date of Submission: 1/28/2021

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: D. T. Kirk Date: 1/15/21

Title: Principal Program Manager

7.2 Professional Certification (if necessary)

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

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

Professional's Signature: Wendy M. Pennington Date: 1/22/2021

Professional's Name Wendy M. Pennington

Address 100 N. Broadway, 20th Floor

City St. Louis

State MO Zip Code 63102

Phone 314-452-8929

Professional's Seal: LICENSED PROFESSIONAL ENGINEER WENDY M. PENNINGTON 062.064098 expires 11/30/21 STATE OF ILLINOIS

7.3 Laboratory Certification (if necessary)

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

Name of Laboratory Eurofins Air Toxics LLC,

Sepideh Saeed Date: 12-14-2020

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address 180 Blue Ravine Rd Suite B

City Folsom

State CA Zip Code 95630

Sepideh Saeed Vice-President

Name and Title of Laboratory Responsible Officer

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January 28, 2020

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

Soil Vapor Sampling and SVE Monitoring Report – 4th Quarter 2020
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises LLC d/b/a Shell Oil Products US
Log No. B-43R

Dear Mr. Smith:

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

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

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

Sincerely,

AECOM, on behalf of Shell Oil Products US

Samuel Fisher, CHMM
Environmental Scientist

Robert E. Mooshegian, STS
Senior Program Manager

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

cc:

Dan Kirk, SOPUS
Thomas Morgan, Phillips 66
Rob Watson, IEPA, Springfield
Gina Search, IEPA, Collinsville
Yuping Ding, Illinois Department of Public Health
Erika Reynolds, Greensfelder
Repositories – Roxana Public Library, website

AECOM

4th Quarter 2020 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, Illinois

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

Project Number: 60643618
January 2021

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1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 4th Quarter 2020 Soil Vapor Sampling and SVE Monitoring Report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (SOPUS). SOPUS has been conducting a subsurface investigation in the Village of Roxana in the area generally bounded by the alley north of East 1st Street, the Roxana Public Works Yard, Illinois Route 111, and the property boundary (a/k/a West Fenceline [WFL]) of the WRB Refining, LP (WRB) Wood River Refinery (WRR) (**Figure 1**). Additional investigation has been conducted inside the WRR; this work was conducted in cooperation with WRB/Phillips 66 (P66). For the purposes of presentation in this report only, the combined area is collectively referred to as the "Investigation Area." The Investigation Area includes a portion of a residential area in the Village of Roxana, Roxana Public Works Yard, and the adjoining portions of the WRR. For the purposes of this report, the term "Village" is used to denote the residential area generally bounded by the alley north of East 1st Street (north), 8th Street (south), Chaffer Avenue (east), and Illinois Route 111 (South Central Avenue) (west). The Investigation Area and locations of VMPs in the soil vapor sampling network are presented on **Figure 2.** Site background information and regulatory history are presented in **Appendix A**.

2 Description of Subsurface Conditions

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

2.1 Geology

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

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

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

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

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

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

2.2 Hydrogeology

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

The water table encountered during the 4th Quarter 2020 (4Q20) was at a depth of approximately 22 to 41 feet bgs (approximate elevation of 406.5 to 408.5 feet North American Vertical Datum [NAVD 88]). The variation in depth of groundwater from the ground surface is partially due to a change in surface elevation across the Investigation Area. As a result, there is generally a 15 to 30 foot thick vadose (unsaturated) zone in the sand. Groundwater levels in most wells in the northern vicinity of the West Fenceline remained similar to those in 3Q20; groundwater levels in most wells in the southern vicinity of the West Fenceline have fallen approximately 0.25 to 0.75 feet since the 3Q20 gauging event. Water level measurements collected during the 4Q20 groundwater gauging event and historical water level measurements collected over the past three years are provided in **Table 1**. Depth to product (if present) and depth to

water were noted in electronic format using Dell Rugged laptop computers (computer), or similar, and on groundwater field gauging sheets.

There are discontinuous low permeability silt and clay lenses above the water table (approximately 20 to 30 feet bgs) mixed with silt and sand. These lenses are isolated and limited in occurrence. There are additional discontinuous clay lenses at a depth of approximately 35 to 45 feet bgs localized in the area between East 2nd and 4th Street and Chaffer Avenue. These may be above or below the water table depending on groundwater conditions. As a result, the groundwater contours displayed on **Figures 3** and **4** show a slight mounding in this area.

The potentiometric surface observed during the 4Q20 comprehensive groundwater monitoring well gauging[1] (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 4Q20.

[1] 4Q20 comprehensive groundwater monitoring well gauging performed October 5-7, 2020.

3 Soil Vapor Sampling and Analytical Procedures

The 4Q20 soil vapor sampling event was performed in accordance with applicable site-specific Standard Operating Procedures (SOPs) that incorporate previous IEPA comments, conditions, and/or modifications. The 4Q20 soil vapor sampling event was conducted October 28 through November 5, and November 24, 2020.

3.1 Vapor Monitoring Port Sampling

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

VMP Sampling

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

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

The following steps were used to collect each VMP sample.

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

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

- After introducing helium into the shroud, a Tedlar® bag sample was collected using a peristaltic pump. A Dielectric Technologies MGD-2002 (MGD-2002) field analyzer was then used to detect possible helium within the Tedlar® bag sample.
- Once the initial helium leak check was completed, the stainless-steel canister valve was opened to collect a sample for approximately five minutes or until a vacuum gauge reading of 5 inches Hg was observed. After sample completion, the stainless-steel canister valve was closed.
- A second Tedlar® bag was filled following the completion of the stainless-steel canister sampling. Soil vapor readings were taken from the Tedlar® bag sample for total volatile organics with a Thermo Scientific TVA-2020 Vapor Analyzer - Photoionization Detector (PID)/Flame Ionization Detector (FID); and for carbon dioxide (CO_2), methane (CH_4), lower explosive limit (LEL), and oxygen (O_2) with a Landtec GEM™ 2000 landfill gas meter. Readings were also obtained and recorded for helium with a MGD-2002 field analyzer. This check was used to verify the sample train integrity during and at the completion of sampling.
- At the completion of sampling, the stainless-steel canister and flow controller were removed and separated from the sample train and a final vacuum reading was recorded.
- Field duplicates were collected by including an additional T-connection in the sample train and attaching a second stainless-steel canister with a separate flow controller. Both the original and duplicate samples were started and ended at the same time.

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

Additional Notes on VMP Sampling

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 23 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 4Q20; details are provided below. This is a relatively greater number of VMPs as compared to typical quarters and is believed to be in part the result of elevated groundwater conditions.

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

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

Re-samples – VMP-18-8.5 and VMP-20-5 were re-sampled on November 24, 2020, due to helium concentration in the initial samples as received by the laboratory. Results from the re-samples are included in this report.

VMP-44

The three ports at VMP-44 (10, 20, 30 ft) were not sampled in 4Q20 due to port integrity.

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

3.2 Health & Safety, Decontamination, and Investigation Derived Waste

Health & Safety

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

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

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

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

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

Decontamination

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

Investigation Derived Waste

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

3.3 Sample Handling and Laboratory Testing

Sample Handling

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

Laboratory Testing

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

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

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

3.4 Data Quality Review and Data Management

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

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

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

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

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

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 145 (143 plus 2 re-samples) investigative samples and 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 4Q20 sampling event:

TO-15 Detections	
Acetone	Hexane
Benzene	Isopentane
Butane	Isopropylbenzene (Cumene)
2-Butanone	2-Propanol
Carbon disulfide	n-Propylbenzene
Chloroform	Tetrachloroethene
Cyclohexane	Tetrahydrofuran
Dichlorodifluoromethane	Toluene
Ethanol	Trichloroethene
Ethy benzene	Trichlorofluoromethane
4-Ethyltoluene	1,2,4-Trimethylbenzene
Heptane	2,2,4-Trimethylpentane
Hexachlorobutadiene	m,p-Xylenes

Italics indicate the analyte was detected at or above the reporting limit for the first time at any VMP. In addition to this list, several analytes were detected at estimated concentrations below the reporting limit. A cumulative tabular summary of the analytical results for the Village is presented in **Table 5**. A cumulative tabular summary of data for the Roxana Public Works Yard and WRR is presented in **Table 6**. Analytical results were compared to the previously mentioned screening values. Sample results from VMP-1 through VMP-9, VMP-18 through VMP-24, VMP-32, VMP-42 through VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 (located near residences in the Village) were compared against the residential screening criteria. Samples from VMP-10 through VMP-17, VMP-25, VMP-29, VMP-30, VMP-41, and VMP-55 (located at or near the Roxana Public Works Yard or WRR) were compared against the industrial/commercial screening criteria. A cumulative tabular summary of the results for natural gases is presented in **Table 7**. **Tables 5, 6,** and **7** present results for the reporting quarter plus three previous quarters.

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

Village

Benzene was detected above the RL in 1 of 120 samples, and between the MDL and RL in 18 of 120 samples collected in the Village. Detected concentrations of benzene from locations within the Village ranged from an estimated 0.00033 mg/m^3 (VMP-24-34 duplicate) to 0.091 mg/m^3 (VMP-2-22). The results for samples collected in the Village indicate that no samples had a benzene concentration above the residential screening criterion (0.37 mg/m^3). The 4Q20 and historical results for benzene in soil vapor for samples collected in the Village are depicted on **Figure 5.**

Roxana Public Works Yard Area

Benzene was detected above the RL in 1 of 30 samples, and between the MDL and RL in 19 of 30 samples collected in the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue. Benzene concentrations ranged from an estimated 0.00033 mg/m^3 (VMP-13-5) to an estimated 0.1 mg/m^3 (VMP-55-20). The results of samples collected from the Roxana Public Works Yard and area along Illinois Route 111 and Rand Avenue indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. The 4Q20 and historical results for benzene in soil vapor for samples collected in the Roxana Public Works Yard are depicted on **Figure 6**.

WRR

Benzene was detected above the RL in 0 of 8 samples, and between the MDL and RL in 2 of 8 samples collected in the WRR in 4Q20, and ranged in concentration from an estimated 0.00038 mg/m^3 (VMP-12-11.5) to an estimated 0.00082 mg/m^3 (VMP-12-5). The results of samples collected in the WRR indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m^3) for benzene. The 4Q20 and historical results for benzene in soil vapor for samples collected in the WRR are depicted on **Figure 7**.

Benzene and Methane Charts

Charts of historical analytical benzene and methane concentrations for each VMP are depicted in **Appendix B**.

Natural Gas (Biogenic) Data

Natural gas data indicate that, where petroleum impacts are present, the concentration of methane increases from shallow to deep sample depths, while oxygen concentrations decrease from shallow to deep sample depths (methane and oxygen are generally inversely correlated in soil vapor). Over time, the trend in oxygen levels in most VMPs has been generally increasing since the SVE system has been operating. Higher oxygen levels (>5%) with lower methane levels indicate an environment capable of supporting aerobic biodegradation (Ririe et al., 1998). 4Q20 oxygen levels were within the range of historical values. A summary of the natural gas results is presented in **Table 7**.

4.3 Conceptual Site Model

Vapor Intrusion

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

At most locations, oxygen is present in the shallow depths and little or no aromatic hydrocarbons (e.g., BTEX) are present. Carbon dioxide levels are relatively high throughout the soil column at many locations, which supports that degradation of petroleum hydrocarbons is occurring via aerobic biodegradation. Depending on groundwater fluctuations

there can be up to 30 feet of open vadose zone which allows for biodegradation of constituents in soil vapor as they slowly diffuse upwards.

C Tech Development Corporation's Mining Visualization System PRO, Version 9.94 (MVS-PRO) was used to model the estimated distribution of benzene in the soil vapor above IEPA TACO screening criteria for 4Q20. **Figure 9**, **Figure 10**, and **Figure 11** present a horizontal distribution of benzene at 5, 10, and 25 ft. bgs, respectively. Contour lines are not depicted on Figures 9 and 10 as sample concentrations at the 5 and 10 ft. depths across the study area were below the residential screening criterion (0.37 mg/m^3).

Groundwater Monitoring Well Gauging and Sampling

The results for groundwater monitoring well gauging and sampling are presented in the Interim Groundwater Monitoring Program – 4th Quarter 2020 Report (AECOM, 2021). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 4Q20 comprehensive monitoring well gauging are presented in **Table 1** and shown on **Figure 13**.

5 Soil Vapor Extraction System Monitoring

As requested in IEPA's September 13, 2012 letter (IEPA, 2012), this section addresses operation of the SVE system. As such, the discussion in this section will address operation of the SVE system during 4Q20. SVE system history is further discussed in **Appendix A**.

5.1 SVE System Operations

Approximately 997 gallons of condensate were removed from the Public Works aboveground storage tank (AST) in 4Q20, as compared to 625 gallons of water (130 gallons of condensate; and 495 gallons of potable water added during float testing activities) in 3Q20. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. Approximately 2,027 gallons of condensate was removed from the WFL AST in 4Q20, as compared to 0 gallons in 3Q20. Condensate from the WFL AST was transported to Site 9 within the WRR for treatment and discharge through the National Pollutant Discharge Elimination System (NPDES) permitted wastewater treatment plant. Approximately 300 pounds of solids generated during VLS cleaning activities were transported to the Heritage Environmental Services facility in Indianapolis, Indiana for disposal.

5.2 SVE Maintenance Activities and Modifications

Scheduled system maintenance was performed as outlined in the manufacturers' suggested operations and maintenance (O&M) documents in the SVE Operations and Maintenance Plan – WRB Refining LP, Wood River Refinery & Roxana Public Works Site (AECOM, 2019b). The scheduled maintenance includes routine lubrication, inspection of belts, oil levels, and emergency cutoffs, along with water levels and associated switches with the VLS units. The SVE system is shut down during periods of maintenance as a safety precaution. Timing and frequency of maintenance activities is dependent on the specific item. Checking and cleaning of filters and components exposed to dirt and/or the elements were performed as part of a routine weekly inspection. System SVE wells and associated vault inspections were also conducted on a monthly basis. The filters associated with the different system components are changed, as needed.

A chronology of maintenance and operation activities associated with the system during 4Q20 can be found in **Appendix C.**

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

SVE System Assessment

Assessment of SVE system operations in the vicinity of Fourth and Chaffer and the Public Works Yard concluded in 4Q20. The assessment focused on the operation of SVE wells and monitoring of VMPs in these areas. This effort commenced on July 1, 2020 with the operation of SVE wells on the Blue, Purple and Teal lines (**Figure 14**). Following this initial operation, each line was operated individually to assess SVE system operation. Wells on the Purple line with open screen were operated from July 7-14, 2020. Village wells on the Blue line were operated from July 20 to September 21, 2020. Operation of the Teal line wells began on September 21, 2020 and continue to operate. Blue line and Purple line wells were opened on November 9, 2020 and continue to operate. Monitoring of VMPs in the vicinity of Fourth and Chaffer and the Public Works Yard, and throughout the Village, was conducted to assess soil vapor in the Village during SVE system operations. Results of the monitoring are included in **Tables 8, 9**, and **10**. Adjustments to SVE wells are described in **Appendix C** and sample results from operating wells are included in **Table 8**.

Assessment data collected and presented herein indicate that the SVE system can be operated to focus on the Fourth and Chaffer and Public Works Yard areas.

During the SVE system assessment, AECOM observed hydrocarbon concentrations at extraction well SVE-27 which did not fit within current and historic trends. On December 10, 2020, AECOM issued a courtesy notification to IEPA regarding this observation. SVE-27 monitoring results are included in **Table 8**.

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 4Q20 (listed below) are shown on **Figure 14**.

- SVE wells operating during at least one effectiveness monitoring event in 4Q20 were:
  - SVE-3R, SVE-42, SVE-43, SVE-44 and SVE-47 located in the Village.
  - SVE-20,SVE-30 through SVE-33, SVE-38 and SVE-39 located on WRR North Property.
  - SVE-21, SVE-24 and SVE-27 located in the Roxana Public Works Yard.
  - Samples were collected from all operating SVE wells during 4Q20 effectiveness monitoring events.
- Fifty-one VMP locations were sampled monthly during 4Q20 with one duplicate sample taken per twenty samples.
  - VMP-1 through VMP-7, VMP-9, VMP-18, VMP-19, VMP-32, VMP-42 though VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 are located in the Village.
  - VMP-12, VMP-33 through VMP-39, VMP-46, VMP-57 through VMP-61, and VMP-65 are located on WRR North Property.
  - VMP-10, VMP-11, VMP-13, VMP-14, VMP-17, VMP-29, VMP-30, and VMP-41 are located in the Roxana Public Works Yard.
  - VMP-55 is located on an IDOT right-of-way west of the Roxana Public Works Yard.

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

<u>VMP-65</u>

In 3Q20 a P66 subcontractor damaged VMP-40 during construction activities associated with new electric transmission towers along the WFL. VMP-40 was not part of the Quarterly Sampling program but was sampled during the Monthly Effectiveness program. VMP-65 was installed in November 2020 as a replacement for VMP-40. The boring log for the 30-foot port and VMP construction diagrams for VMP-65 can be found in **Appendix D**.

SVE System Monitoring Results:

- The removal of hydrocarbons at the Investigation Area has continued due to daily operation and adjustments of the SVE system. Natural gas is used as supplemental fuel for the RTO. See hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- Vacuum measurements are collected monthly at the operating SVE wells and selected VMPs within the Village and WRR. Vacuum influence from the SVE system has been observed at VMP locations along the WFL and in the Roxana Public Works Yard. Vacuum data can be found in **Tables 8** and **9**.

- Air flow data collected from each operating SVE leg located at the RTO were obtained and can be found in **Appendix E**.
- Extraction wells SVE-38 and SVE-39 were opened on December 1 and December 2, 2020, respectively.
- WFL and Public Works header concentrations and mass removal increased in 4Q20, which coincided with the opening of SVE wells located in the WRR as part of SVE System Assessment. See SVE System Assessment discussion in **Section 5.2** and system downtime and hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 4Q20, LNAPL was observed in SVE-45. The screened interval for this location was installed in the vadose zone above the groundwater table. Groundwater monitoring wells in the vicinity of SVE-45 did not contain LNAPL in 4Q20; therefore the LNAPL observed originates in the vadose zone and not the groundwater. During 4Q20 no LNAPL was recovered from SVE-45.
- Trends related to hydrocarbon concentrations monitored in the field are expected to continue, and these numbers are expected to improve as the system is operated and/or optimized.

5.4 SVE System Operation Evaluation

For the months of October, November, and December 2020, the system uptime was 99.96%, 99.89%, and 99.93%, respectively.

October			November			December		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	743.68 hours	99.96%	720 hours	719.2 hours	99.89%	744 hours	743.47 hours	99.93%

During 4Q20 the SVE system experienced no unplanned downtime.

Downtime in 4Q20 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 4Q20 and the maintenance log can be found in **Appendix C**.

Due to changing system and environmental conditions, the amount of water introduced into the system varies and can accumulate in the piping which can inhibit air flow. Because water accumulates in the system piping, a periodic "sweeping" of the lines is required to purge the piping of accumulated water. By opening the well cap at the extraction well, ambient air is introduced to the piping at a high rate of flow forcing the water through the piping and sweeping it into the VLS units. Line sweeping was performed three times in 4Q20.

The three supplementary dilution lines associated with the system intake are typically closed. The manual dilution valve is also typically adjusted in small increments (usually <5%) and the system is closely monitored following system adjustments. SVE System blower speed was adjusted during 4Q20. Blower speed adjustments, manual dilution valve adjustments, and supplemental dilution utilization are noted in **Appendix C**.

Hydrocarbon Mass Removal

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

Total soil vapor flow rates were determined by calculating flow rates for the individual SVE legs that carry vapors from the SVE wells to the treatment system. Pressure, differential pressure, and temperature were measured in each leg. This data and Equation 2.7 and Equation 2.8 from USEPA Test Method 2 "Determination of Stack Gas Velocity and

Volumetric Flow Rate (Type S Pitot Tube)" (Method 2) were used to calculate flow rates for each leg[4]. The flow rates for the appropriate legs were summed to determine flow rates in the WFL Header and the Public Works Header. Flow rates are included in **Appendix G**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

$Where$:

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

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

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

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

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

$Unit\ conversions$:

$60\ minutes\ per\ hour$

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

$2000\ pounds\ per\ tons$

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated molecular weights for this reporting period, 21.6 lb/lb-mole and 31.2 lb/lb-mole for the WFL and Public Works headers, respectively, were used to convert header hydrocarbon volume concentrations (ppmv) to mass concentrations (lb/SCF) in 4Q20.

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

[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.

Quarterly Total Hydrocarbon Mass Removed				
Quarter	West Fenceline Mass (tons)	Public Works Mass (tons)	Quarterly Mass (tons)	Cumulative Mass Removed (tons)
2Q12	124	36	160	160
3Q12	96	23	119	279
4Q12	53	22	75	354
1Q13	39	12	51	405
2Q13	60	17	77	482
3Q13	68	26	94	576
4Q13	89	37	126	702
1Q14	72	22	94	796
2Q14	83	36	119	915
3Q14	94	34	128	1,043
4Q14	106	33	139	1,182
1Q15	167	42	209	1,391
2Q15	174	52	226	1,617
3Q15	137	48	185	1,802
4Q15	111	35	146	1,948
1Q16	91	23	114	2,062
2Q16	78	24	102	2,164
3Q16	57	24	81	2,245
4Q16	32	7	39	2,284
1Q17	38	6	44	2,328
2Q17	51	4	55	2,383
3Q17	33	6	39	2,422
4Q17	33	12	45	2,467
1Q18	36	25	61	2,528
2Q18	54	25	79	2,607
3Q18	59	21	80	2,687
4Q18	50	17	67	2,754
1Q19	52	25	77	2,831
2Q19	69	13	79	2,913
3Q19	31	4	35	2,948
4Q19	25	7	32	2,980
1Q20	15	5	20	3,000
2Q20	32	6	38	3,038
3Q20	8	2	10	3,048
4Q20	18	30	48	3,096

Carbon Footprint

Total carbon dioxide (CO_2) mass emitted from operation of the SVE system RTO in 4Q20 was 218 tons, compared to 110[5] tons in 3Q20. Based on a total of 48 tons of total hydrocarbons (THC) removed from the subsurface and treated by the RTO, the CO_2 mass emissions rate in 4Q20 was 4.5 tons per ton THC removed, compared to 11.0 tons per ton THC removed in 3Q20.

Total CO_2 emissions are based on the sum of CO_2 mass emitted from the RTO stack and CO_2 mass emitted by the public utility to provide electricity required for RTO operation. The CO_2 mass emitted from the RTO stack is the sum of CO_2 emitted from combustion of extracted soil vapor and supplemental natural gas required for operation.
The breakdown for CO_2 emissions in 4Q20 is as follows:

- 120 tons CO_2 from soil vapor combustion
- 36 tons CO_2 from combustion of 6,051 therms of supplemental natural gas[6]
- 62 tons CO_2 from 74,017 kWh of electricity assuming 0.755 metric tons (0.832 tons) CO_2 emitted per Net MWh (Ameren, 2020)
- **218 tons CO_2 Total**

5.5 SVE System Modification Recommendations

A key focus of the system operators is public and worker safety. Operation of the SVE system will continue with maintenance and system optimization activities. Future monitoring and sampling results from data points associated with the SVE system will be the primary driver of optimization efforts. Optimization efforts could include reduction in dilution air, blower speed adjustment, valve adjustment of individual SVE wells and legs of the SVE system to direct more vacuum to areas with higher hydrocarbon concentrations.

[5] This value was reported as 118 tons in the 3rd Quarter 2020 Soil Vapor Sampling and SVE Monitoring Report. Subsequent to the publication of that report, Ameren Corporation released updated CO_2 emissions factors from electricity generation for 2019. 3Q20 total tons THC removed and tons of CO_2 per ton of THC removed have been updated in this report to reflect the latest available emissions factor.

[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.

6 Conclusions

AECOM conducted the 4Q20 soil vapor sampling and SVE monitoring efforts on behalf of SOPUS in the Village, Roxana Public Works Yard, and adjoining portions of the WRR. The following conclusions are based on the data collected during 4Q20:

- Soil vapor samples were collected from 45 locations and 143 ports in the Village, Public Works Yard, and WRR during 4Q20. Due to subsurface water conditions, 23 ports were submerged and unable to be sampled.
    - No sample results exceeded the benzene residential screening criterion (0.37 mg/m^3) in the Village. Detected benzene concentrations ranged from an estimated 0.00033 mg/m^3 to 0.091 mg/m^3.
    - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m^3) in the Public Works Yard or the area along Illinois Route 111 and Rand Avenue. Detected benzene concentrations ranged from an estimated 0.00033 mg/m^3 to an estimated 0.1 mg/m^3.
    - No sample results exceeded the benzene commercial/industrial screening criterion (2.8 mg/m^3) in the WRR. Detected benzene concentrations ranged from an estimated 0.00038 mg/m^3 to an estimated 0.00082 mg/m^3.
- As presented in detail in this report, the SVE system continues to operate with supplemental fuel and has been effective. Results from SVE System Assessment indicate that SVE System operations can focus on the Fourth and Chaffer and Public Works Yard areas, in alignment with the IEPA letter dated October 1, 2020 (Log No. B-43R-CA-95, CA-98).
- Assessment of SVE system operations with a focus on Sustainability continued during 4Q20. Preliminary carbon footprint analysis indicates that operating the SVE system in 4Q20, including the contribution from electricity generation, resulted in the emissions of approximately 218 tons of CO_2, compared to 48 tons of THC removed from the subsurface.

Limitations:

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

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

7 References

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

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

AECOM, 2021; (AECOM, 2021); Interim Groundwater Monitoring Program – 4th Quarter 2020 – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated January 2021.

Ameren Corporation, 2020 (Ameren, 2020) EEI-AGA ESG/Sustainability Template. December 2020.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

US Environmental Protection Agency (USEPA), 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.

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

Tables

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 01											
1Q18	442.65	1/2/2018	NE	39.42	NA	NA	NA	403.23	393.85 - 383.85 (48.80 - 58.80)	2.6	*
2Q18		4/2/2018	NE	40.76	NA	NA	NA	401.89		0.0	*
3Q18		7/2/2018	NE	41.36	NA	NA	NA	401.29		0.0	*
4Q18		10/1/2018	NE	41.25	NA	NA	NA	401.40		0.0	*
1Q19		1/2/2019	NE	41.04	NA	NA	NA	401.61		0.0	*
2Q19		4/1/2019	NE	41.00	NA	NA	NA	401.65		0.0	*
3Q19	442.83	7/1/2019	NE	36.65	NA	NA	NA	406.18	394.03 - 384.03 (48.80 - 58.80)	0.0	*
4Q19		10/1/2019	NE	35.66	NA	NA	NA	407.17		0.1	*
1Q20		1/2/2020	NE	36.89	NA	NA	NA	405.94		0.0	*
2Q20		4/1/2020	NE	36.72	NA	NA	NA	406.11		0.0	*
3Q20		7/6/2020	NE	35.59	NA	NA	NA	407.24		0.0	*
4Q20		10/6/2020	NE	36.03	NA	NA	NA	406.80		0.1	*
MW 02											
1Q18	443.77	1/2/2018	NE	41.27	NA	NA	NA	402.50	393.90 - 383.90 (49.87 - 59.87)	106	*
2Q18		4/3/2018	NE	41.84	NA	NA	NA	401.93		62.2	*
3Q18		7/2/2018	NE	42.78	NA	NA	NA	400.99		70.0	*
4Q18		10/1/2018	NE	42.68	NA	NA	NA	401.09		1460	*
1Q19		1/2/2019	NE	42.44	NA	NA	NA	401.33		118	*
2Q19		4/1/2019	NE	42.49	NA	NA	NA	401.28		250	*
3Q19	443.93	7/1/2019	NE	38.26	NA	NA	NA	405.67	394.06 - 384.06 (49.87 - 59.87)	200	*
4Q19		10/1/2019	NE	37.11	NA	NA	NA	406.82		34.6	*
1Q20		1/2/2020	NE	38.39	NA	NA	NA	405.54		0.0	*
2Q20		4/1/2020	NE	38.19	NA	NA	NA	405.74		139	*
3Q20		7/6/2020	NE	37.03	NA	NA	NA	406.90		130	*
4Q20		10/5/2020	NE	37.45	NA	NA	NA	406.48		68.7	*
MW 03											
1Q18	430.08	1/2/2018	NE	27.17	NA	NA	NA	402.91	395.41 - 385.41 (34.67 - 44.67)	0.4	*
2Q18		4/2/2018	NE	28.03	NA	NA	NA	402.05		0.0	*
3Q18		7/2/2018	NE	28.32	NA	NA	NA	401.76		0.2	*
4Q18		10/1/2018	NE	28.20	NA	NA	NA	401.88		0.0	*
1Q19		1/2/2019	NE	27.95	NA	NA	NA	402.13		0.0	*
2Q19		4/1/2019	NE	27.85	NA	NA	NA	402.23		0.0	*
3Q19	430.23	7/1/2019	NE	23.10	NA	NA	NA	407.13	395.56 - 385.56 (34.67 - 44.67)	0.0	*
4Q19		10/1/2019	NE	22.53	NA	NA	NA	407.70		0.0	*
1Q20		1/2/2020	NE	23.74	NA	NA	NA	406.49		0.0	*
2Q20		4/1/2020	NE	23.75	NA	NA	NA	406.48		0.0	*
3Q20		7/6/2020	NE	22.55	NA	NA	NA	407.68		0.0	*
4Q20		10/6/2020	NE	23.31	NA	NA	NA	406.92		0.0	*
MW 04											
1Q18	441.14	1/2/2018	NE	38.46	NA	NA	NA	402.68	396.08 - 386.08 (45.06 - 55.06)	1.9	*
2Q18		4/2/2018	NE	39.26	NA	NA	NA	401.88		29.2	*
3Q18		7/2/2018	NE	39.73	NA	NA	NA	401.41		0.0	*
4Q18		10/1/2018	NE	39.64	NA	NA	NA	401.50		0.0	*
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.76		0.0	*
2Q19		4/1/2019	NE	39.27	NA	NA	NA	401.87		0.0	*
3Q19	441.31	7/1/2019	NE	34.84	NA	NA	NA	406.47	396.25 - 386.25 (45.06 - 55.06)	16.9	*
4Q19		10/1/2019	NE	33.97	NA	NA	NA	407.34		0.7	*
1Q20		1/2/2020	NE	35.25	NA	NA	NA	406.06		0.0	*
2Q20		4/1/2020	NE	35.14	NA	NA	NA	406.17		0.0	*
3Q20		7/6/2020	NE	33.99	NA	NA	NA	407.32		0.0	*
4Q20		10/6/2020	NE	34.52	NA	NA	NA	406.79		0.0	*
MW 05											
1Q18	429.80	1/2/2018	NE	27.01	NA	NA	NA	402.79	395.83 - 385.83 (33.97 - 43.97)	0.1	*
2Q18		4/2/2018	NE	27.73	NA	NA	NA	402.07		0.0	*
3Q18		7/2/2018	NE	27.99	NA	NA	NA	401.81		0.1	*
4Q18		10/2/2018	NE	27.93	NA	NA	NA	401.87		0.0	*
1Q19		1/2/2019	NE	27.64	NA	NA	NA	402.16		0.0	*
2Q19		4/1/2019	NE	27.50	NA	NA	NA	402.30		0.0	*
3Q19	429.98	7/1/2019	NE	22.80	NA	NA	NA	407.18	396.01 - 386.01 (33.97 - 43.97)	4.1	*
4Q19		10/1/2019	NE	22.24	NA	NA	NA	407.74		0.0	*
1Q20		1/2/2020	NE	23.46	NA	NA	NA	406.52		0.0	*
2Q20		4/1/2020	NE	23.44	NA	NA	NA	406.54		0.0	*
3Q20		7/6/2020	NE	22.25	NA	NA	NA	407.73		0.0	*
4Q20		10/6/2020	NE	23.01	NA	NA	NA	406.97		0.1	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 06A											
1Q18	432.14	1/2/2018	NE	29.18	NA	NA	NA	402.96	397.31 - 387.31 (34.83 - 44.83)	0.0	*
2Q18		4/2/2018	NE	29.82	NA	NA	NA	402.32	398.29 - 388.29 (33.85 - 43.85)	0.0	*
3Q18		7/2/2018	NE	30.05	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	30.03	NA	NA	NA	402.11		0.0	*
1Q19		1/2/2019	NE	29.77	NA	NA	NA	402.37		0.0	*
2Q19		4/2/2019	NE	29.42	NA	NA	NA	402.72		0.0	*
3Q19	432.33	7/1/2019	NE	24.94	NA	NA	NA	407.39	398.48 - 388.48 (33.85 - 43.85)	0.0	*
4Q19		10/1/2019	NE	24.40	NA	NA	NA	407.93		0.0	*
1Q20		1/2/2020	NE	25.60	NA	NA	NA	406.73		0.0	*
2Q20		4/1/2020	NE	25.59	NA	NA	NA	406.74		0.0	*
3Q20		7/6/2020	NE	24.38	NA	NA	NA	407.95		0.0	*
4Q20		10/6/2020	NE	25.16	NA	NA	NA	407.17		0.0	*
MW 06B											
1Q18	432.29	1/2/2018	NE	29.22	NA	NA	NA	403.07	368.24 - 363.24 (64.05 - 69.05)	0.0	*
2Q18		4/2/2018	NE	29.88	NA	NA	NA	402.41		0.0	*
3Q18		7/2/2018	NE	30.10	NA	NA	NA	402.19		0.0	*
4Q18		10/2/2018	NE	30.09	NA	NA	NA	402.20		0.0	*
1Q19		1/2/2019	NE	29.81	NA	NA	NA	402.48		0.0	*
2Q19		4/2/2019	NE	29.46	NA	NA	NA	402.83		0.0	*
3Q19	432.37	7/1/2019	NE	24.97	NA	NA	NA	407.40	368.32 - 363.32 (64.05 - 69.05)	0.0	*
4Q19		10/1/2019	NE	24.47	NA	NA	NA	407.90		0.1	*
1Q20		1/2/2020	NE	25.66	NA	NA	NA	406.71		0.0	*
2Q20		4/1/2020	NE	25.64	NA	NA	NA	406.73		0.0	*
3Q20		7/6/2020	NE	24.44	NA	NA	NA	407.93		0.0	*
4Q20		10/6/2020	NE	25.19	NA	NA	NA	407.18		0.0	*
MW 06C											
1Q18	432.11	1/2/2018	NE	29.01	NA	NA	NA	403.10	347.16 - 342.16 (84.95 - 89.95)	0.0	*
2Q18		4/2/2018	NE	29.68	NA	NA	NA	402.43		0.0	*
3Q18		7/2/2018	NE	29.90	NA	NA	NA	402.21		0.0	*
4Q18		10/2/2018	NE	29.87	NA	NA	NA	402.24		0.0	*
1Q19		1/2/2019	NE	29.61	NA	NA	NA	402.50		0.0	*
2Q19		4/2/2019	NE	29.25	NA	NA	NA	402.86		0.0	*
3Q19	432.18	7/1/2019	NE	24.77	NA	NA	NA	407.41	347.23 - 342.23 (84.95 - 89.95)	0.0	*
4Q19		10/1/2019	NE	24.25	NA	NA	NA	407.93		0.1	*
1Q20		1/2/2020	NE	25.46	NA	NA	NA	406.72		0.0	*
2Q20		4/1/2020	NE	25.40	NA	NA	NA	406.78		0.0	*
3Q20		7/6/2020	NE	24.23	NA	NA	NA	407.95		0.0	*
4Q20		10/6/2020	NE	24.99	NA	NA	NA	407.19		0.0	*
MW 06D											
1Q18	431.99	1/2/2018	NE	28.87	NA	NA	NA	403.12	327.27 - 322.27 (104.72 - 109.72)	0.0	*
2Q18		4/2/2018	NE	29.53	NA	NA	NA	402.46		0.0	*
3Q18		7/2/2018	NE	29.74	NA	NA	NA	402.25		0.0	*
4Q18		10/2/2018	NE	29.72	NA	NA	NA	402.27		0.0	*
1Q19		1/2/2019	NE	29.45	NA	NA	NA	402.54		0.0	*
2Q19		4/2/2019	NE	29.11	NA	NA	NA	402.88		0.0	*
3Q19	432.06	7/1/2019	NE	24.60	NA	NA	NA	407.46	327.34 - 322.34 (104.72 - 109.72)	0.0	*
4Q19		10/1/2019	NE	24.09	NA	NA	NA	407.97		0.0	*
1Q20		1/2/2020	NE	25.31	NA	NA	NA	406.75		0.0	*
2Q20		4/1/2020	NE	25.25	NA	NA	NA	406.81		0.0	*
3Q20		7/6/2020	NE	24.09	NA	NA	NA	407.97		0.0	*
4Q20		10/6/2020	NE	24.85	NA	NA	NA	407.21		0.0	*
MW 07											
1Q18	443.10	1/4/2018	NE	40.57	NA	NA	NA	402.53	400.18 - 390.18 (42.92 - 52.92)	2840	** PID data from 1/2/2018
2Q18		4/2/2018	NE	41.32	NA	NA	NA	401.78		490	*
3Q18		7/2/2018	NE	41.76	NA	NA	NA	401.34		5380	*
4Q18		10/2/2018	NE	41.72	NA	NA	NA	401.38		15000	*
1Q19		1/2/2019	NE	41.45	NA	NA	NA	401.65		2574	*
2Q19		4/1/2019	NE	41.33	NA	NA	NA	401.77		683	*
3Q19	443.31	7/1/2019	NE	36.94	NA	NA	NA	406.37	400.39 - 390.39 (42.92 - 52.92)	9714	*
4Q19		10/1/2019	NE	36.08	NA	NA	NA	407.23		3349	*
1Q20		1/2/2020	NE	37.39	NA	NA	NA	405.92		1900	*
2Q20		4/1/2020	NE	37.34	NA	NA	NA	405.97		5935	*
3Q20		7/6/2020	NE	36.07	NA	NA	NA	407.24		5498	*
4Q20		10/5/2020	NE	36.64	NA	NA	NA	406.67		6064	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 08											
1Q18	434.11	1/2/2018	NE	31.53	NA	NA	NA	402.58	400.51 - 390.51 (33.60 - 43.60)	87.6	*
2Q18		4/2/2018	NE	32.24	NA	NA	NA	401.87		169	*
3Q18		7/2/2018	NE	32.54	NA	NA	NA	401.57		231	*
4Q18		10/2/2018	NE	32.47	NA	NA	NA	401.64		1.4	*
1Q19		1/2/2019	NE	32.20	NA	NA	NA	401.91		0.0	*
2Q19		4/1/2019	NE	32.06	NA	NA	NA	402.05		0.0	*
3Q19	434.43	7/1/2019	NE	27.49	NA	NA	NA	406.94	400.83 - 390.83 (33.60 - 43.60)	6186	*
4Q19		10/1/2019	NE	26.85	NA	NA	NA	407.58		43.8	*
1Q20		1/2/2020	NE	28.06	NA	NA	NA	406.37		2.7	*
2Q20		4/1/2020	NE	28.02	NA	NA	NA	406.41		0.0	*
3Q20		7/6/2020	NE	26.64	NA	NA	NA	407.79		25.4	*
4Q20		10/6/2020	NE	27.49	NA	NA	NA	406.94		0.1	*
MW 09											
1Q18	445.20	1/2/2018	NE	41.08	NA	NA	NA	404.12	398.75 - 388.75 (46.45 - 56.45)	2.9	*
2Q18		4/3/2018	NE	42.12	NA	NA	NA	403.08	399.16 - 389.16 (46.04 - 56.04)	0.0	*
3Q18		7/2/2018	NE	42.86	NA	NA	NA	402.34		0.0	*
4Q18		10/1/2018	NE	42.91	NA	NA	NA	402.29		0.0	*
1Q19		1/3/2019	NE	42.85	NA	NA	NA	402.35		0.0	*
2Q19		4/1/2019	NE	42.90	NA	NA	NA	402.30		0.0	*
3Q19	445.28	7/1/2019	NE	39.16	NA	NA	NA	406.12	399.24 - 389.24 (46.04 - 56.04)	1.9	*
4Q19		10/1/2019	NE	37.90	NA	NA	NA	407.38		0.0	*
1Q20		1/2/2020	NE	38.61	NA	NA	NA	406.67		0.0	*
2Q20		4/1/2020	NE	38.52	NA	NA	NA	406.76		0.0	*
3Q20		7/6/2020	NE	37.26	NA	NA	NA	408.02		0.0	*
4Q20		10/5/2020	NE	37.48	NA	NA	NA	407.80		0.0	*
MW 10											
1Q18	445.03	1/2/2018	NE	40.94	NA	NA	NA	404.09	400.60 - 390.60 (44.43 - 54.43)	6.9	*
2Q18		4/2/2018	NE	42.10	NA	NA	NA	402.93		0.0	*
3Q18		7/2/2018	NE	42.94	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	43.08	NA	NA	NA	401.95		0.0	*
1Q19		1/2/2019	NE	43.02	NA	NA	NA	402.01		0.0	*
2Q19		4/1/2019	NE	43.20	NA	NA	NA	401.83		5.3	*
3Q19	445.06	7/1/2019	NE	39.75	NA	NA	NA	405.31	400.63 - 390.63 (44.43 - 54.43)	0.0	*
4Q19		10/1/2019	NE	38.24	NA	NA	NA	406.82		0.0	*
1Q20		1/2/2020	NE	38.79	NA	NA	NA	406.27		0.0	*
2Q20		4/1/2020	NE	38.54	NA	NA	NA	406.52		0.0	*
3Q20		7/6/2020	NE	37.17	NA	NA	NA	407.89		0.0	*
4Q20		10/5/2020	NE	37.33	NA	NA	NA	407.73		0.0	*
MW 11											
1Q18	442.33	1/2/2018	NE	38.93	NA	NA	NA	403.40	400.67 - 390.67 (41.66 - 51.66)	0.6	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	402.40		0.0	*
3Q18		7/2/2018	NE	40.59	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	40.58	NA	NA	NA	401.75		0.0	*
1Q19		1/3/2019	NE	40.46	NA	NA	NA	401.87		0.0	*
2Q19		4/1/2019	NE	40.47	NA	NA	NA	401.86		0.0	*
3Q19	442.38	7/1/2019	NE	36.33	NA	NA	NA	406.05	400.72 - 390.72 (41.66 - 51.66)	0.0	*
4Q19		10/1/2019	NE	35.20	NA	NA	NA	407.18		0.0	*
1Q20		1/2/2020	NE	36.20	NA	NA	NA	406.18		0.0	*
2Q20		4/1/2020	NE	35.98	NA	NA	NA	406.40		0.0	*
3Q20		7/6/2020	NE	34.85	NA	NA	NA	407.53		0.0	*
4Q20		10/5/2020	NE	35.12	NA	NA	NA	407.26		0.0	*
MW 12											
1Q18	442.60	1/2/2018	NE	39.55	NA	NA	NA	403.05	400.68 - 390.68 (41.92 - 51.92)	0.8	*
2Q18		4/3/2018	NE	40.38	NA	NA	NA	402.22		0.0	*
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.60		0.0	*
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.66		0.0	*
1Q19		1/2/2019	NE	40.70	NA	NA	NA	401.90		0.0	*
2Q19		4/1/2019	NE	40.72	NA	NA	NA	401.88		0.0	*
3Q19	442.64	7/1/2019	NE	36.32	NA	NA	NA	406.32	400.72 - 390.72 (41.92 - 51.92)	0.0	*
4Q19		10/1/2019	NE	35.39	NA	NA	NA	407.25		0.0	*
1Q20		1/2/2020	NE	36.56	NA	NA	NA	406.08		0.0	*
2Q20		4/1/2020	NE	36.38	NA	NA	NA	406.26		0.1	*
3Q20		7/6/2020	NE	35.23	NA	NA	NA	407.41		0.0	*
4Q20		10/6/2020	NE	35.68	NA	NA	NA	406.96		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 13											
1Q18	430.27	1/3/2018	NE	26.97	NA	NA	NA	403.30	404.70 - 394.70 (25.57 - 35.57)	65.2	
2Q18		4/4/2018	NE	27.92	NA	NA	NA	402.35	405.47 - 395.47 (24.80 - 34.80)	0.0	
3Q18		7/3/2018	NE	27.67	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.56	NA	NA	NA	402.71		4398	
1Q19		1/3/2019	NE	27.27	NA	NA	NA	403.00		231	
2Q19		4/3/2019	NE	27.03	NA	NA	NA	403.24		3.0	
3Q19	430.30	7/1/2019	NE	21.84	NA	NA	NA	408.46	405.50 - 395.50 (24.80 - 34.80)	81.1	*
4Q19		10/2/2019	NE	21.90	NA	NA	NA	408.40		0.4	*
1Q20		1/3/2020	NE	23.29	NA	NA	NA	407.01		0.0	*
2Q20		4/3/2020	NE	23.02	NA	NA	NA	407.28		0.0	*
3Q20		7/7/2020	NE	21.85	NA	NA	NA	408.45		0.9	*
4Q20		10/6/2020	NE	22.96	NA	NA	NA	407.34		0.0	*
MW 14											
1Q18	434.44	1/4/2018	NE	31.23	NA	NA	NA	403.21	401.02 - 391.02 (33.42 - 43.42)	45.2	*
2Q18		4/4/2018	NE	32.17	NA	NA	NA	402.27		40.7	*
3Q18		7/2/2018	NE	32.19	NA	NA	NA	402.25		82.8	*
4Q18		10/3/2018	NE	32.07	NA	NA	NA	402.37		12.0	*
1Q19		1/4/2019	NE	31.78	NA	NA	NA	402.66		73.4	*
2Q19		4/2/2019	NE	31.52	NA	NA	NA	402.92		400	*
3Q19	434.61	7/2/2019	NE	27.22	NA	NA	NA	407.39	401.19 - 391.19 (33.42 - 43.42)	596	*
4Q19		10/2/2019	NE	26.64	NA	NA	NA	407.97		49.8	*
1Q20		1/3/2020	NE	27.98	NA	NA	NA	406.63		69.9	*
2Q20		4/3/2020	NE	27.66	NA	NA	NA	406.95		75.1	*
3Q20		7/13/2020	NE	26.52	NA	NA	NA	408.09		38.2	*
4Q20		10/7/2020	NE	27.29	NA	NA	NA	407.32		53.4	*
MW 16											
1Q18	443.39	1/2/2018	NE	40.68	NA	NA	NA	402.71	406.33 - 396.33 (37.06 - 47.06)	0.8	
2Q18		4/3/2018	NE	41.42	NA	NA	NA	401.97	405.89 - 395.89 (37.50 - 47.50)	0.0	
3Q18		7/2/2018	NE	42.33	NA	NA	NA	401.06		0.0	
4Q18		10/1/2018	NE	42.27	NA	NA	NA	401.12		0.0	
1Q19		1/11/2019	NE	42.10	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	42.11	NA	NA	NA	401.28		0.0	
3Q19	443.60	7/2/2019	NE	37.87	NA	NA	NA	405.73	406.10 - 396.10 (37.50 - 47.50)	0.0	
4Q19		10/1/2019	NE	36.74	NA	NA	NA	406.86		0.0	*
1Q20		1/2/2020	NE	37.94	NA	NA	NA	405.66		0.0	
2Q20		4/13/2020	NE	37.64	NA	NA	NA	405.96		0.0	
3Q20		7/6/2020	NE	36.56	NA	NA	NA	407.04		0.0	*
4Q20		10/6/2020	NE	36.78	NA	NA	NA	406.82		0.0	*
MW 17											
1Q18	441.57	1/3/2018	NE	38.79	NA	NA	NA	402.78	407.28 - 392.28 (34.29 - 49.29)	362	PID data from 1/2/2018
2Q18		4/2/2018	NE	39.67	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	40.82	NA	NA	NA	400.75		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	400.79		0.0	
1Q19		1/3/2019	NE	40.54	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	40.63	NA	NA	NA	400.94		0.0	
3Q19	441.78	7/1/2019	NE	36.88	NA	NA	NA	404.90	407.49 - 392.49 (34.29 - 49.29)	0.0	
4Q19		10/1/2019	NE	35.40	NA	NA	NA	406.38		0.0	
1Q20		1/2/2020	NE	36.67	NA	NA	NA	405.11		157	
2Q20		4/1/2020	NE	35.82	NA	NA	NA	405.96		0.0	
3Q20		7/6/2020	NE	35.08	NA	NA	NA	406.70		0.0	
4Q20		10/5/2020	NE	35.04	NA	NA	NA	406.74		79.4	
MW 18											
1Q18	442.04	1/2/2018	NE	39.73	NA	NA	NA	402.31	407.12 - 392.12 (34.92 - 49.92)	3.2	
2Q18		4/2/2018	NE	40.34	NA	NA	NA	401.70		0.0	
3Q18		7/2/2018	NE	41.47	NA	NA	NA	400.57		0.0	
4Q18		10/1/2018	NE	41.43	NA	NA	NA	400.61		0.0	
1Q19		1/2/2019	NE	41.13	NA	NA	NA	400.91		0.0	
2Q19		4/1/2019	NE	41.29	NA	NA	NA	400.75		0.0	
3Q19	442.24	7/1/2019	NE	37.30	NA	NA	NA	404.94	407.32 - 392.32 (34.92 - 49.92)	0.0	
4Q19		10/2/2019	NE	35.86	NA	NA	NA	406.38		0.0	
1Q20		1/2/2020	NE	37.29	NA	NA	NA	404.95		0.0	
2Q20		4/1/2020	NE	36.38	NA	NA	NA	405.86		0.0	
3Q20		7/6/2020	NE	35.71	NA	NA	NA	406.53		0.0	
4Q20		10/5/2020	NE	35.80	NA	NA	NA	406.44		0.0	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 19											
1Q18	442.77	1/4/2018	NE	40.32	NA	NA	NA	402.45	406.43 - 391.43 (36.34 - 51.34)	43.8	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.90	NA	NA	NA	401.87		0.0	
3Q18		7/2/2018	NE	42.08	NA	NA	NA	400.69		0.0	
4Q18		10/1/2018	NE	42.04	NA	NA	NA	400.73		0.1	
1Q19		1/2/2019	NE	41.76	NA	NA	NA	401.01		0.0	
2Q19		4/1/2019	NE	41.92	NA	NA	NA	400.85		0.0	
3Q19	442.98	7/1/2019	NE	37.88	NA	NA	NA	405.10	406.64 - 391.64 (36.34 - 51.34)	0.0	
4Q19		10/2/2019	NE	36.49	NA	NA	NA	406.49		22.5	
1Q20		1/2/2020	NE	37.83	NA	NA	NA	405.15		0.0	
2Q20		4/1/2020	NE	37.20	NA	NA	NA	405.78		0.0	
3Q20		7/6/2020	NE	36.34	NA	NA	NA	406.64		79.9	
4Q20		10/5/2020	NE	36.41	NA	NA	NA	406.57		88.8	
MW 20											
1Q18	443.67	1/3/2018	NE	41.03	NA	NA	NA	402.64	407.79 - 392.79 (35.88 - 50.88)	27.0	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.76	NA	NA	NA	401.91		0.0	
3Q18		7/2/2018	NE	42.88	NA	NA	NA	400.79		0.0	
4Q18		10/2/2018	NE	42.77	NA	NA	NA	400.90		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.12		0.0	
2Q19		4/1/2019	NE	42.62	NA	NA	NA	401.05		0.0	
3Q19	443.86	7/1/2019	NE	38.56	NA	NA	NA	405.30	407.98 - 392.98 (35.88 - 50.88)	0.0	
4Q19		10/2/2019	NE	37.22	NA	NA	NA	406.64		0.0	
1Q20		1/2/2020	NE	38.49	NA	NA	NA	405.37		0.0	
2Q20		4/1/2020	NE	38.14	NA	NA	NA	405.72		0.0	
3Q20		7/6/2020	NE	37.10	NA	NA	NA	406.76		0.0	
4Q20		10/5/2020	NE	37.31	NA	NA	NA	406.55		228	
MW 21											
1Q18	443.81	1/2/2018	NE	41.44	NA	NA	NA	402.37	408.80 - 393.80 (35.01 - 50.01)	2.0	
2Q18		4/3/2018	NE	41.98	NA	NA	NA	401.83		0.1	
3Q18		7/2/2018	NE	42.74	NA	NA	NA	401.07		0.0	
4Q18		10/2/2018	NE	42.70	NA	NA	NA	401.11		8.7	
1Q19		1/2/2019	NE	42.42	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	42.39	NA	NA	NA	401.42		0.0	
3Q19	444.01	7/1/2019	NE	38.11	NA	NA	NA	405.90	409.00 - 394.00 (35.01 - 50.01)	0.6	
4Q19		10/1/2019	NE	37.05	NA	NA	NA	406.96		0.0	
1Q20		1/2/2020	NE	38.39	NA	NA	NA	405.62		0.0	
2Q20		4/1/2020	NE	38.25	NA	NA	NA	405.76		0.0	
3Q20		7/6/2020	NE	37.03	NA	NA	NA	406.98		0.0	
4Q20		10/5/2020	NE	37.47	NA	NA	NA	406.54		1.1	
MW 22											
1Q18	442.16	1/3/2018	NE	39.14	NA	NA	NA	403.02	404.28 - 394.28 (37.88 - 47.88)	10.1	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.01	NA	NA	NA	402.15	403.73 - 393.73 (38.43 - 48.43)	0.0	
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.16		0.0	
4Q18		10/2/2018	NE	40.96	NA	NA	NA	401.20		0.0	
1Q19		1/9/2019	NE	40.91	NA	NA	NA	401.25		0.0	
2Q19		4/2/2019	NE	40.79	NA	NA	NA	401.37		0.0	
3Q19	442.38	7/1/2019	NM	NM	NA	NA	NA	NA	403.95 - 393.95 (38.43 - 48.43)	NM	Unable to access
4Q19		10/2/2019	NE	35.50	NA	NA	NA	406.88		0.0	*
1Q20		1/2/2020	NE	36.84	NA	NA	NA	405.54		0.0	*
2Q20		4/1/2020	NE	36.22	NA	NA	NA	406.16		0.0	*
3Q20		7/7/2020	NE	35.25	NA	NA	NA	407.13		0.1	*
4Q20		10/6/2020	NE	35.39	NA	NA	NA	406.99		0.0	*
MW 23											
1Q18	431.41	1/2/2018	NE	28.34	NA	NA	NA	403.07	402.39 - 392.39 (29.02 - 39.02)	0.6	*
2Q18		4/2/2018	NE	29.20	NA	NA	NA	402.21		36.4	
3Q18		7/2/2018	NE	29.19	NA	NA	NA	402.22		0.0	
4Q18		10/1/2018	NE	29.08	NA	NA	NA	402.33		0.0	
1Q19		1/3/2019	NE	28.81	NA	NA	NA	402.60		0.0	*
2Q19		4/2/2019	NE	28.49	NA	NA	NA	402.92		0.0	*
3Q19	431.57	7/1/2019	NE	23.34	NA	NA	NA	408.23	402.55 - 392.55 (29.02 - 39.02)	1.2	*
4Q19		10/1/2019	NE	23.30	NA	NA	NA	408.27		0.1	*
1Q20		1/2/2020	NE	24.54	NA	NA	NA	407.03		0.0	*
2Q20		4/1/2020	NE	24.54	NA	NA	NA	407.03		0.1	*
3Q20		7/6/2020	NE	23.32	NA	NA	NA	408.25		0.0	*
4Q20		10/6/2020	NE	24.46	NA	NA	NA	407.11		0.2	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 24											
1Q18	443.42	1/3/2018	NE	40.22	NA	NA	NA	403.20	404.53 - 394.53 (38.89 - 48.89)	0.5	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.17	NA	NA	NA	402.25	403.81 - 393.81 (39.61 - 49.61)	0.2	
3Q18		7/2/2018	NE	41.86	NA	NA	NA	401.56		0.0	
4Q18		10/1/2018	NE	41.83	NA	NA	NA	401.59		1.8	
1Q19		1/2/2019	NE	41.63	NA	NA	NA	401.79		0.0	
2Q19		4/1/2019	NE	41.70	NA	NA	NA	401.72		0.0	
3Q19	443.65	7/1/2019	NE	37.42	NA	NA	NA	406.23	404.04 - 394.04 (39.61 - 49.61)	0.0	*
4Q19		10/1/2019	NE	36.40	NA	NA	NA	407.25		0.0	*
1Q20		1/2/2020	NE	37.42	NA	NA	NA	406.23		0.0	*
2Q20		4/1/2020	NE	37.26	NA	NA	NA	406.39		0.0	*
3Q20		7/6/2020	NE	36.11	NA	NA	NA	407.54		0.0	*
4Q20		10/6/2020	NE	36.46	NA	NA	NA	407.19		0.0	*
MW 25											
1Q18	438.35	1/3/2018	NE	35.51	NA	NA	NA	402.84	402.76 - 392.76 (35.59 - 45.59)	69.2	*
2Q18		4/2/2018	NE	36.44	NA	NA	NA	401.91		110	
3Q18		7/2/2018	NE	36.82	NA	NA	NA	401.53		0.5	
4Q18		10/2/2018	NE	36.75	NA	NA	NA	401.60		3.9	
1Q19		1/2/2019	NE	36.47	NA	NA	NA	401.88		44.7	
2Q19		4/1/2019	NE	36.36	NA	NA	NA	401.99		150	
3Q19	438.53	7/1/2019	NE	31.85	NA	NA	NA	406.68	402.94 - 392.94 (35.59 - 45.59)	32.8	*
4Q19		10/1/2019	NE	31.08	NA	NA	NA	407.45		76.5	*
1Q20		1/2/2020	NE	32.35	NA	NA	NA	406.18		99.5	*
2Q20		4/1/2020	NE	32.26	NA	NA	NA	406.27		103	*
3Q20		7/6/2020	NE	31.09	NA	NA	NA	407.44		103	*
4Q20		10/6/2020	NE	31.68	NA	NA	NA	406.85		81.5	*
MW 26											
1Q18	441.02	1/2/2018	NE	38.33	NA	NA	NA	402.69	402.87 - 392.87 (38.15 - 48.15)	5.0	
2Q18		4/4/2018	NE	39.35	NA	NA	NA	401.67		0.0	
3Q18		7/2/2018	NE	39.71	NA	NA	NA	401.31		0.2	
4Q18		10/1/2018	NE	39.60	NA	NA	NA	401.42		0.0	
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.64		0.0	
2Q19		4/1/2019	NE	39.30	NA	NA	NA	401.72		0.0	
3Q19	441.23	7/1/2019	NE	34.94	NA	NA	NA	406.29	403.08 - 393.08 (38.15 - 48.15)	0.0	*
4Q19		10/1/2019	NE	33.99	NA	NA	NA	407.24		0.0	*
1Q20		1/2/2020	NE	35.24	NA	NA	NA	405.99		0.0	*
2Q20		4/3/2020	NE	35.16	NA	NA	NA	406.07		0.0	*
3Q20		7/6/2020	NE	33.93	NA	NA	NA	407.30		0.0	*
4Q20		10/6/2020	NE	34.40	NA	NA	NA	406.83		0.0	*
MW 27											
1Q18	443.40	1/2/2018	NE	38.78	NA	NA	NA	404.62	403.61 - 393.61 (39.79 - 49.79)	1.7	*
2Q18		4/3/2018	NE	40.19	NA	NA	NA	403.21		0.0	
3Q18		7/2/2018	NE	41.16	NA	NA	NA	402.24		0.0	
4Q18		10/1/2018	NE	41.11	NA	NA	NA	402.29		0.0	
1Q19		1/3/2019	NE	40.99	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	41.26	NA	NA	NA	402.14		0.0	
3Q19	443.60	7/1/2019	NE	38.03	NA	NA	NA	405.57	403.81 - 393.81 (39.79 - 49.79)	0.0	*
4Q19		10/1/2019	NE	36.00	NA	NA	NA	407.60		0.0	*
1Q20		1/2/2020	NE	36.80	NA	NA	NA	406.80		0.0	*
2Q20		4/1/2020	NE	36.82	NA	NA	NA	406.78		0.0	*
3Q20		7/6/2020	NE	35.62	NA	NA	NA	407.98		0.0	*
4Q20		10/5/2020	NE	35.45	NA	NA	NA	408.15		0.0	*
MW 28											
1Q18	443.34	1/2/2018	NE	37.96	NA	NA	NA	405.38	409.73 - 399.73 (33.61 - 43.61)	0.9	
2Q18		4/3/2018	NE	39.39	NA	NA	NA	403.95		0.0	
3Q18		7/2/2018	NE	40.14	NA	NA	NA	403.20		0.0	
4Q18		10/1/2018	NE	40.18	NA	NA	NA	403.16		0.0	
1Q19		1/3/2019	NE	40.20	NA	NA	NA	403.14		0.0	
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.88		0.0	
3Q19	443.55	7/1/2019	NE	37.56	NA	NA	NA	405.99	409.94 - 399.94 (33.61 - 43.61)	0.0	
4Q19		10/1/2019	NE	35.72	NA	NA	NA	407.83		0.0	
1Q20		1/2/2020	NE	36.11	NA	NA	NA	407.44		0.0	
2Q20		4/1/2020	NE	36.24	NA	NA	NA	407.31		0.0	
3Q20		7/6/2020	NE	35.19	NA	NA	NA	408.36		0.0	
4Q20		10/5/2020	NE	34.96	NA	NA	NA	408.59		2.1	

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 01											
1Q18	442.73	1/4/2018	NE	30.05	NA	NA	NA	412.68	380.78 - 375.78 (61.95 - 66.95)	0.0	*
2Q18		4/4/2018	NE	30.60	NA	NA	NA	412.13	380.51 - 375.51 (62.22 - 67.22)	0.0	*
3Q18		7/3/2018	NE	31.03	NA	NA	NA	411.70		0.0	*
4Q18		10/3/2018	NE	31.93	NA	NA	NA	410.80		0.1	*
1Q19		1/3/2019	NE	33.27	NA	NA	NA	409.46		0.0	*
2Q19		4/3/2019	NE	32.24	NA	NA	NA	410.49		0.0	*
3Q19	442.98	7/2/2019	NE	29.96	NA	NA	NA	413.02	380.76 - 375.76 (62.22 - 67.22)	0.0	*
4Q19		10/2/2019	NE	29.51	NA	NA	NA	413.47		0.0	*
1Q20		1/3/2020	NE	29.63	NA	NA	NA	413.35		0.0	*
2Q20		4/1/2020	NE	27.85	NA	NA	NA	415.13		0.0	*
3Q20		7/8/2020	NE	26.47	NA	NA	NA	416.51		0.0	*
4Q20		10/7/2020	NE	26.62	NA	NA	NA	416.36		0.1	*
P 4U											
1Q18	442.54	1/4/2018	NE	31.25	NA	NA	NA	411.29	361.39 - 359.39 (81.15 - 83.15)	0.0	*
2Q18		4/4/2018	NE	32.40	NA	NA	NA	410.14		0.0	*
3Q18		7/3/2018	NE	32.61	NA	NA	NA	409.93		0.0	*
4Q18		10/3/2018	NE	33.25	NA	NA	NA	409.29		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.09		0.0	*
2Q19		4/3/2019	NE	34.06	NA	NA	NA	408.48		0.0	*
3Q19	442.74	7/2/2019	NE	31.80	NA	NA	NA	410.94	361.59 - 359.59 (81.15 - 83.15)	0.0	*
4Q19		10/2/2019	NE	31.10	NA	NA	NA	411.64		0.0	*
1Q20		1/3/2020	NE	31.11	NA	NA	NA	411.63		0.0	*
2Q20		4/1/2020	NE	29.40	NA	NA	NA	413.34		0.0	*
3Q20		7/8/2020	NE	27.92	NA	NA	NA	414.82		0.0	*
4Q20		10/7/2020	NE	27.62	NA	NA	NA	415.12		0.0	*
P 5L											
1Q18	443.84	1/3/2018	NE	31.43	NA	NA	NA	412.41	303.44 - 301.44 (140.40 - 142.40)	0.0	*
2Q18		4/3/2018	NE	31.85	NA	NA	NA	411.99		0.0	*
3Q18		7/3/2018	NE	32.59	NA	NA	NA	411.25		0.0	*
4Q18		10/3/2018	NE	33.59	NA	NA	NA	410.25		0.0	*
1Q19		1/4/2019	NE	34.93	NA	NA	NA	408.91		0.0	*
2Q19		4/3/2019	NE	34.05	NA	NA	NA	409.79		0.0	*
3Q19	444.01	7/2/2019	NE	31.10	NA	NA	NA	412.91	303.61 - 301.61 (140.40 - 142.40)	0.0	*
4Q19		10/2/2019	NE	30.98	NA	NA	NA	413.03		0.0	*
1Q20		1/3/2020	NE	31.18	NA	NA	NA	412.83		0.0	*
2Q20		4/1/2020	NE	29.25	NA	NA	NA	414.76		0.0	*
3Q20		7/8/2020	NE	27.62	NA	NA	NA	416.39		0.0	*
4Q20		10/7/2020	NE	27.73	NA	NA	NA	416.28		0.0	*
P 5U											
1Q18	444.24	1/3/2018	NE	32.44	NA	NA	NA	411.80	313.61 - 311.61 (130.63 - 132.63)	0.1	*
2Q18		4/3/2018	NE	33.14	NA	NA	NA	411.10		0.0	*
3Q18		7/3/2018	NE	33.86	NA	NA	NA	410.38		0.0	*
4Q18		10/3/2018	NE	34.77	NA	NA	NA	409.47		0.0	*
1Q19		1/4/2019	NE	36.21	NA	NA	NA	408.03		0.0	*
2Q19		4/3/2019	NE	35.29	NA	NA	NA	408.95		0.0	*
3Q19	444.42	7/2/2019	NE	33.08	NA	NA	NA	411.34	313.79 - 311.79 (130.63 - 132.63)	0.0	*
4Q19		10/2/2019	NE	32.31	NA	NA	NA	412.11		0.0	*
1Q20		1/3/2020	NE	32.29	NA	NA	NA	412.13		0.0	*
2Q20		4/1/2020	NE	30.38	NA	NA	NA	414.04		0.0	*
3Q20		7/8/2020	NE	28.96	NA	NA	NA	415.46		0.0	*
4Q20		10/7/2020	NE	28.93	NA	NA	NA	415.49		0.0	*
P 6U											
1Q18	443.45	1/4/2018	NE	32.14	NA	NA	NA	411.31	362.95 - 360.95 (80.50 - 82.50)	0.0	*
2Q18		4/3/2018	NE	32.69	NA	NA	NA	410.76		0.0	*
3Q18		7/3/2018	NE	33.39	NA	NA	NA	410.06		0.0	*
4Q18		10/3/2018	NE	34.06	NA	NA	NA	409.39		0.0	*
1Q19		1/4/2019	NE	35.37	NA	NA	NA	408.08		0.0	*
2Q19		4/3/2019	NE	35.00	NA	NA	NA	408.45		0.0	*
3Q19	443.63	7/2/2019	NE	32.51	NA	NA	NA	411.12	363.13 - 361.13 (80.50 - 82.50)	0.0	*
4Q19		10/2/2019	NE	31.92	NA	NA	NA	411.71		0.0	*
1Q20		1/3/2020	NE	32.04	NA	NA	NA	411.59		0.0	*
2Q20		4/1/2020	NE	30.20	NA	NA	NA	413.43		0.0	*
3Q20		7/8/2020	NE	28.66	NA	NA	NA	414.97		0.0	*
4Q20		10/7/2020	NE	28.38	NA	NA	NA	415.25		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 7U											
1Q18	443.91	1/3/2018	NE	32.38	NA	NA	NA	411.53	382.83 - 380.83 (61.08 - 63.08)	0.0	*
2Q18		4/3/2018	NE	33.01	NA	NA	NA	410.90		0.0	*
3Q18		7/3/2018	NE	33.65	NA	NA	NA	410.26		0.0	*
4Q18		10/3/2018	NE	34.39	NA	NA	NA	409.52		0.0	*
1Q19		1/4/2019	NE	35.76	NA	NA	NA	408.15		0.0	*
2Q19		4/3/2019	NE	35.25	NA	NA	NA	408.66		0.0	*
3Q19	444.08	7/2/2019	NE	32.68	NA	NA	NA	411.40	383.00 - 381.00 (61.08 - 63.08)	0.0	*
4Q19		10/2/2019	NE	32.15	NA	NA	NA	411.93		0.0	*
1Q20		1/3/2020	NE	32.34	NA	NA	NA	411.74		0.0	*
2Q20		4/1/2020	NE	30.45	NA	NA	NA	413.63		0.0	*
3Q20		7/8/2020	NE	28.87	NA	NA	NA	415.21		0.0	*
4Q20		10/7/2020	NE	28.73	NA	NA	NA	415.35		0.1	*
P 8U											
1Q18	441.85	1/4/2018	NE	32.20	NA	NA	NA	409.65	382.33 - 380.33 (59.52 - 61.52)	83.5	*
2Q18		4/3/2018	NE	33.13	NA	NA	NA	408.72	381.72 - 379.72 (60.13 - 62.13)	0.0	*
3Q18		7/3/2018	NE	33.88	NA	NA	NA	407.97		0.0	*
4Q18		10/2/2018	NE	34.39	NA	NA	NA	407.46		0.0	*
1Q19		1/3/2019	NE	35.60	NA	NA	NA	406.25		0.0	*
2Q19		4/2/2019	NE	35.24	NA	NA	NA	406.61		0.0	*
3Q19	442.07	7/2/2019	NE	33.51	NA	NA	NA	408.56	381.94 - 379.94 (60.13 - 62.13)	0.0	*
4Q19		10/2/2019	NE	32.58	NA	NA	NA	409.49		0.0	*
1Q20		1/3/2020	NE	31.32	NA	NA	NA	410.75		0.0	*
2Q20		4/1/2020	NE	30.70	NA	NA	NA	411.37	382.72 - 380.72 (59.35 - 61.35)	0.0	*
3Q20		7/7/2020	NE	29.17	NA	NA	NA	412.90		0.0	*
4Q20		10/7/2020	NE	28.54	NA	NA	NA	413.53		0.0	*
P 9U											
1Q18	445.04	1/4/2018	NE	36.60	NA	NA	NA	408.44	344.45 - 342.45 (100.59 - 102.59)	40.5	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
3Q18		7/3/2018	NE	38.51	NA	NA	NA	406.53		0.0	*
4Q18		10/2/2018	NE	39.11	NA	NA	NA	405.93		0.0	*
1Q19		1/3/2019	NE	40.12	NA	NA	NA	404.92		0.0	*
2Q19		4/2/2019	NE	40.14	NA	NA	NA	404.90		0.0	*
3Q19	445.20	7/2/2019	NE	38.31	NA	NA	NA	406.89	344.61 - 342.61 (100.59 - 102.59)	0.0	*
4Q19		10/2/2019	NE	41.75	NA	NA	NA	403.45		0.0	*
1Q20		1/2/2020	NE	36.80	NA	NA	NA	408.40		0.0	*
2Q20		4/1/2020	NE	35.40	NA	NA	NA	409.80		0.0	*
3Q20		7/7/2020	NE	33.75	NA	NA	NA	411.45		0.2	*
4Q20		10/6/2020	NE	33.13	NA	NA	NA	412.07		0.0	*
P 11L											
1Q18	442.55	1/4/2018	NE	32.83	NA	NA	NA	409.72	332.34 - 330.34 (110.21 - 112.21)	0.0	*
2Q18		4/3/2018	NE	33.92	NA	NA	NA	408.63		0.0	*
3Q18		7/3/2018	NE	34.66	NA	NA	NA	407.89		0.0	*
4Q18		10/2/2018	NE	35.08	NA	NA	NA	407.47		0.0	*
1Q19		1/4/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
2Q19		4/3/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
3Q19	442.76	7/2/2019	NE	34.80	NA	NA	NA	407.96	332.55 - 330.55 (110.21 - 112.21)	0.0	*
4Q19		10/2/2019	NE	33.20	NA	NA	NA	409.56		0.0	*
1Q20		1/3/2020	NE	32.86	NA	NA	NA	409.90		0.0	*
2Q20		4/2/2020	NE	31.37	NA	NA	NA	411.39		0.0	*
3Q20		7/8/2020	NE	29.91	NA	NA	NA	412.85		0.0	*
4Q20		10/7/2020	NE	29.32	NA	NA	NA	413.44		0.0	*
P 11U											
1Q18	443.17	1/4/2018	NE	33.45	NA	NA	NA	409.72	343.25 - 341.25 (99.92 - 101.92)	3.8	*
2Q18		4/3/2018	NE	34.50	NA	NA	NA	408.67		0.0	*
3Q18		7/3/2018	NE	35.25	NA	NA	NA	407.92		0.0	*
4Q18		10/2/2018	NE	35.68	NA	NA	NA	407.49		0.0	*
1Q19		1/4/2019	NE	36.73	NA	NA	NA	406.44		0.0	*
2Q19		4/3/2019	NE	36.67	NA	NA	NA	406.50		0.0	*
3Q19	443.38	7/2/2019	NE	34.94	NA	NA	NA	408.44	343.46 - 341.46 (99.92 - 101.92)	0.0	*
4Q19		10/2/2019	NE	33.80	NA	NA	NA	409.58		0.0	*
1Q20		1/3/2020	NE	33.49	NA	NA	NA	409.89		0.0	*
2Q20		4/2/2020	NE	31.98	NA	NA	NA	411.40		0.0	*
3Q20		7/8/2020	NE	30.52	NA	NA	NA	412.86		0.0	*
4Q20		10/7/2020	NE	29.89	NA	NA	NA	413.49		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 14											
1Q18	442.74	1/4/2018	NE	30.12	NA	NA	NA	412.62	395.41 - 385.41 (47.33 - 57.33)	0.0	*
2Q18		4/4/2018	NE	30.69	NA	NA	NA	412.05	395.27 - 385.27 (47.47 - 57.47)	0.0	*
3Q18		7/3/2018	NE	31.10	NA	NA	NA	411.64		0.0	*
4Q18		10/3/2018	NE	32.01	NA	NA	NA	410.73		0.0	*
1Q19		1/3/2019	NE	33.34	NA	NA	NA	409.40		0.0	*
2Q19		4/3/2019	NE	32.33	NA	NA	NA	410.41		0.0	*
3Q19	443.01	7/2/2019	NE	30.05	NA	NA	NA	412.96	395.54 - 385.54 (47.47 - 57.47)	0.0	*
4Q19		10/2/2019	NE	29.59	NA	NA	NA	413.42		0.0	*
1Q20		1/3/2020	NE	29.71	NA	NA	NA	413.30		0.0	*
2Q20		4/1/2020	NE	27.95	NA	NA	NA	415.06		0.0	*
3Q20		7/8/2020	NE	26.56	NA	NA	NA	416.45		0.0	*
4Q20		10/7/2020	NE	26.70	NA	NA	NA	416.31		0.0	*
P 15											
1Q18	443.69	1/4/2018	NE	31.93	NA	NA	NA	411.76	398.24 - 388.24 (45.45 - 55.45)	0.0	*
2Q18		4/4/2018	NE	33.19	NA	NA	NA	410.50		0.0	*
3Q18		7/3/2018	NE	33.28	NA	NA	NA	410.41		0.0	*
4Q18		10/3/2018	NE	33.86	NA	NA	NA	409.83		0.0	*
1Q19		1/4/2019	NE	35.10	NA	NA	NA	408.59		0.0	*
2Q19		4/3/2019	NE	34.75	NA	NA	NA	408.94		0.0	*
3Q19	443.88	7/2/2019	NE	32.11	NA	NA	NA	411.77	398.43 - 388.43 (45.45 - 55.45)	0.0	*
4Q19		10/2/2019	NE	31.70	NA	NA	NA	412.18		0.0	*
1Q20		1/3/2020	NE	31.80	NA	NA	NA	412.08		0.0	*
2Q20		4/1/2020	NE	30.10	NA	NA	NA	413.78		0.0	*
3Q20		7/8/2020	NE	28.61	NA	NA	NA	415.27		0.0	*
4Q20		10/7/2020	NE	28.30	NA	NA	NA	415.58		0.1	*
P 16											
1Q18	442.68	1/4/2018	NE	31.07	NA	NA	NA	411.61	396.94 - 386.94 (45.74 - 55.74)	0.0	*
2Q18		4/3/2018	NE	31.66	NA	NA	NA	411.02		0.0	*
3Q18		7/3/2018	NE	32.29	NA	NA	NA	410.39		0.0	*
4Q18		10/3/2018	NE	32.99	NA	NA	NA	409.69		0.0	*
1Q19		1/4/2019	NE	34.28	NA	NA	NA	408.40		0.0	*
2Q19		4/3/2019	NE	33.88	NA	NA	NA	408.80		0.0	*
3Q19	442.84	7/2/2019	NE	31.11	NA	NA	NA	411.73	397.10 - 387.10 (45.74 - 55.74)	0.0	*
4Q19		10/2/2019	NE	30.76	NA	NA	NA	412.08		0.0	*
1Q20		1/3/2020	NE	30.91	NA	NA	NA	411.93		0.0	*
2Q20		4/1/2020	NE	29.05	NA	NA	NA	413.79		0.0	*
3Q20		7/8/2020	NE	27.57	NA	NA	NA	415.27		0.0	*
4Q20		10/7/2020	NE	27.32	NA	NA	NA	415.52		0.0	*
P 43											
1Q18	444.44	1/4/2018	NE	34.34	NA	NA	NA	410.10	380.88 - 370.88 (63.56 - 73.56)	0.0	*
2Q18		4/3/2018	NE	35.37	NA	NA	NA	409.07		0.0	*
3Q18		7/3/2018	NE	36.11	NA	NA	NA	408.33		0.0	*
4Q18		10/2/2018	NE	36.53	NA	NA	NA	407.91		0.0	*
1Q19		1/4/2019	NE	37.59	NA	NA	NA	406.85		0.3	*
2Q19		4/3/2019	NE	37.55	NA	NA	NA	406.89		0.0	*
3Q19	444.62	7/2/2019	NE	35.45	NA	NA	NA	409.17	381.06 - 371.06 (63.56 - 73.56)	0.0	*
4Q19		10/2/2019	NE	34.64	NA	NA	NA	409.98		0.0	*
1Q20		1/3/2020	NE	34.37	NA	NA	NA	410.25		0.0	*
2Q20		4/2/2020	NE	32.83	NA	NA	NA	411.79		0.0	*
3Q20		7/8/2020	NE	31.38	NA	NA	NA	413.24		0.0	*
4Q20		10/7/2020	NE	30.72	NA	NA	NA	413.90		0.0	*
P 53											
1Q18	446.41	1/2/2018	NE	40.11	NA	NA	NA	406.30	407.91 - 382.91 (38.50 - 63.50)	0.5	
2Q18		4/3/2018	NE	41.38	NA	NA	NA	405.03		0.0	
3Q18		7/2/2018	NE	42.12	NA	NA	NA	404.29		0.0	
4Q18		10/2/2018	NE	42.54	NA	NA	NA	403.87		0.0	
1Q19		1/3/2019	NE	42.64	NA	NA	NA	403.77		0.0	
2Q19		4/1/2019	NE	42.79	NA	NA	NA	403.62	406.10 - 381.10 (40.31 - 65.31)	0.0	
3Q19	446.57	7/1/2019	NE	40.33	NA	NA	NA	406.24	406.26 - 381.26 (40.31 - 65.31)	0.0	
4Q19		10/1/2019	NE	38.69	NA	NA	NA	407.88		0.0	*
1Q20		1/2/2020	NE	38.63	NA	NA	NA	407.94		0.0	*
2Q20		4/2/2020	NE	38.36	NA	NA	NA	408.21		0.0	*
3Q20		7/6/2020	NE	37.09	NA	NA	NA	409.48		0.0	*
4Q20		10/6/2020	NE	36.79	NA	NA	NA	409.78		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 54											
1Q18	442.32	1/2/2018	NE	39.02	NA	NA	NA	403.30	404.32 - 379.32 (38.00 - 63.00)	0.4	
2Q18		4/3/2018	NE	39.94	NA	NA	NA	402.38		0.0	
3Q18		7/2/2018	NE	40.51	NA	NA	NA	401.81		0.0	
4Q18		10/2/2018	NE	40.50	NA	NA	NA	401.82		0.0	
1Q19		1/2/2019	NE	40.29	NA	NA	NA	402.03		0.0	
2Q19		4/1/2019	NE	40.36	NA	NA	NA	401.96		0.0	
3Q19	442.52	7/1/2019	NE	35.96	NA	NA	NA	406.56	404.52 - 379.52 (38.00 - 63.00)	0.0	*
4Q19		10/1/2019	NE	35.07	NA	NA	NA	407.45		0.0	*
1Q20		1/2/2020	NE	36.05	NA	NA	NA	406.47		0.0	*
2Q20		4/1/2020	NE	35.92	NA	NA	NA	406.60		0.0	*
3Q20		7/6/2020	NE	34.77	NA	NA	NA	407.75		0.0	*
4Q20		10/6/2020	NE	35.20	NA	NA	NA	407.32		0.0	*
P 55R											
1Q18	443.79	1/2/2018	40.30	40.38	403.41	403.49	0.08	403.47	403.36 - 393.36 (40.43 - 50.43)	260	*
2Q18		4/2/2018	39.20	41.25	402.54	404.59	2.05	404.18		238	*
3Q18		7/2/2018	41.51	42.12	401.67	402.28	0.61	402.16		152	
4Q18		10/1/2018	41.49	42.18	401.61	402.30	0.69	402.16		153	
1Q19		1/2/2019	41.84	42.27	401.52	401.95	0.43	401.86		15000	
2Q19		4/1/2019	41.21	41.52	402.27	402.58	0.31	402.52		280	
3Q19	444.01	7/1/2019	37.66	38.16	405.85	406.35	0.50	406.25	403.58 - 393.58 (40.43 - 50.43)	66.7	*
4Q19		10/1/2019	36.11	36.17	407.84	407.90	0.06	407.89		210	*
1Q20		1/2/2020	36.73	36.78	407.23	407.28	0.05	407.27		85.8	*
2Q20		4/1/2020	36.62	36.65	407.36	407.39	0.03	407.38		67.0	*
3Q20		7/6/2020	35.44	35.46	408.57	408.55	0.02	408.55		78.3	*
4Q20		10/5/2020	35.25	35.27	408.74	408.76	0.02	408.76		210	*
P 56											
1Q18	446.14	1/3/2018	NE	43.51	NA	NA	NA	402.63	405.32 - 380.32 (40.82 - 65.82)	209	
2Q18		4/3/2018	NE	44.24	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	45.34	NA	NA	NA	400.80		0.0	
4Q18		10/1/2018	NE	45.27	NA	NA	NA	400.87		0.0	
1Q19		1/2/2019	NE	45.11	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	45.07	NA	NA	NA	401.07		0.0	
3Q19	446.32	7/1/2019	NE	41.09	NA	NA	NA	405.23	405.50 - 380.50 (40.82 - 65.82)	0.1	
4Q19		10/1/2019	NE	39.72	NA	NA	NA	406.60		109	*
1Q20		1/2/2020	NE	41.01	NA	NA	NA	405.31		112	
2Q20		4/1/2020	NE	40.70	NA	NA	NA	405.62		113	*
3Q20		7/6/2020	NE	39.61	NA	NA	NA	406.71		170	*
4Q20		10/5/2020	NE	39.74	NA	NA	NA	406.58		126	*
P 57											
1Q18	446.96	1/2/2018	NE	44.59	NA	NA	NA	402.37	402.77 - 392.77 (44.19 - 54.19)	190	
2Q18		4/3/2018	NE	45.10	NA	NA	NA	401.86		1.3	
3Q18		7/2/2018	NE	45.89	NA	NA	NA	401.07		1.7	
4Q18		10/2/2018	NE	45.86	NA	NA	NA	401.10		0.2	
1Q19		1/2/2019	NE	45.66	NA	NA	NA	401.30		0.0	
2Q19		4/1/2019	NE	45.49	NA	NA	NA	401.47		0.0	
3Q19	447.15	7/1/2019	NE	41.35	NA	NA	NA	405.80	402.96 - 392.96 (44.19 - 54.19)	6.8	*
4Q19		10/1/2019	NE	40.19	NA	NA	NA	406.96		85.8	*
1Q20		1/2/2020	NE	41.59	NA	NA	NA	405.56		64.2	*
2Q20		4/1/2020	NE	41.43	NA	NA	NA	405.72		105	*
3Q20		7/6/2020	NE	40.23	NA	NA	NA	406.92		127	*
4Q20		10/5/2020	NE	40.59	NA	NA	NA	406.56		13.7	*
P 58											
1Q18	444.94	1/2/2018	42.53	42.55	402.39	402.41	0.02	402.41	404.73 - 379.73 (40.21 - 65.21)	180	
2Q18		4/2/2018	NE	43.19	NA	NA	NA	401.75		0.0	
3Q18		7/2/2018	NE	43.70	NA	NA	NA	401.24		0.0	
		7/12/2018	43.63	43.64	401.30	401.31	0.01	401.31		0.0	
4Q18		10/1/2018	NE	43.66	NA	NA	NA	401.28		0.0	
1Q19		1/2/2019	43.42	43.43	401.51	401.52	0.01	401.52		0.0	
2Q19		4/1/2019	NE	43.19	NA	NA	NA	401.75		0.0	
3Q19	445.16	7/1/2019	NE	38.92	NA	NA	NA	406.24	404.95 - 379.95 (40.21 - 65.21)	2.5	*
4Q19		10/1/2019	37.93	37.94	407.22	407.23	0.01	407.23		67.2	*
1Q20		1/2/2020	39.38	40.00	405.16	405.78	0.62	405.66		38.5	*
2Q20		4/1/2020	39.30	39.31	405.85	405.86	0.01	405.86		41.0	*
3Q20		7/6/2020	38.06	38.08	407.08	407.10	0.02	407.10		28.7	*
4Q20		10/5/2020	38.58	38.61	406.55	406.58	0.03	406.57		134	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 59											
1Q18	446.86	1/4/2018	NE	44.44	NA	NA	NA	402.42	398.95 - 373.95 (47.91 - 72.91)	3119	*
2Q18		4/3/2018	NE	44.99	NA	NA	NA	401.87		108	*
3Q18		7/2/2018	NE	46.26	NA	NA	NA	400.60		214	*
4Q18		10/1/2018	NE	46.19	NA	NA	NA	400.67		179	*
1Q19		1/2/2019	NE	45.95	NA	NA	NA	400.91		15000	*
2Q19		4/1/2019	46.05	46.06	400.80	400.81	0.01	400.81		313	*
3Q19	447.07	7/1/2019	NE	42.06	NA	NA	NA	405.01	399.16 - 374.16 (47.91 - 72.91)	400	*
		7/15/2019	41.53	41.54	405.53	405.54	0.01	405.54		406	*
4Q19		10/1/2019	NE	40.61	NA	NA	NA	406.46		180	*
1Q20		1/2/2020	NE	41.99	NA	NA	NA	405.08		113	*
2Q20		4/1/2020	NE	41.35	NA	NA	NA	405.72		161	*
3Q20		7/6/2020	NE	40.40	NA	NA	NA	406.67		163	*
4Q20		10/5/2020	NE	40.49	NA	NA	NA	406.58		231	*
P 60											
1Q18	446.69	1/2/2018	43.54	43.56	403.13	403.15	0.02	403.15	403.24 - 383.24 (43.45 - 63.45)	118	
2Q18		4/3/2018	NE	44.25	NA	NA	NA	402.44	402.04 - 382.04 (44.65 - 64.65)	15.6	*
3Q18		7/2/2018	45.61	45.62	401.07	401.08	0.01	401.08		40.7	
4Q18		10/1/2018	45.61	45.63	401.06	401.08	0.02	401.08		36.7	
1Q19		1/2/2019	45.48	45.54	401.15	401.21	0.06	401.20		923	
2Q19		4/1/2019	45.62	45.63	401.06	401.07	0.01	401.07		83.5	
3Q19	446.88	7/1/2019	NE	41.98	NA	NA	NA	404.90	402.23 - 382.23 (44.65 - 64.65)	31.7	*
4Q19		10/1/2019	NE	40.42	NA	NA	NA	406.46		1.7	*
		10/15/2019	40.41	40.42	406.46	406.47	0.01	406.47		1.7	*
1Q20		1/2/2020	41.44	41.45	405.43	405.44	0.01	405.44		6.6	*
2Q20		4/1/2020	NE	40.87	NA	NA	NA	406.01		3.4	*
3Q20		7/6/2020	NE	39.94	NA	NA	NA	406.94		15.5	*
4Q20		10/5/2020	NE	39.83	NA	NA	NA	407.05		41.2	*
P 61											
1Q18	444.47	1/2/2018	41.78	41.84	402.63	402.69	0.06	402.68	398.80 - 373.80 (45.68 - 70.68)	313	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
3Q18		7/2/2018	43.77	44.20	400.27	400.70	0.43	400.61		91.3	*
4Q18		10/2/2018	43.89	43.93	400.54	400.58	0.04	400.57		237	*
1Q19		1/3/2019	43.79	43.83	400.64	400.68	0.04	400.67		375	*
2Q19		4/1/2019	43.80	43.81	400.66	400.67	0.01	400.67		417	*
3Q19	444.66	7/1/2019	40.39	40.40	404.26	404.27	0.01	404.27	398.98 - 373.98 (45.68 - 70.68)	220	*
4Q19		10/1/2019	NE	38.74	NA	NA	NA	405.92		68.4	*
1Q20		1/7/2020	40.07	40.08	404.58	404.59	0.01	404.59		8.5	*
2Q20		4/2/2020	39.46	39.49	405.17	405.20	0.03	405.19		37.0	*
3Q20		7/7/2020	38.47	38.49	406.17	406.19	0.02	406.19		29.0	*
4Q20		10/5/2020	38.44	38.45	406.21	406.22	0.01	406.22		18.4	*
P 62											
1Q18	442.43	1/3/2018	39.05	39.09	403.34	403.38	0.04	403.37	400.96 - 375.96 (41.47 - 66.47)	345	*
2Q18		4/2/2018	40.03	41.01	401.42	402.40	0.98	402.20		151	*
3Q18		7/2/2018	41.38	42.49	399.94	401.05	1.11	400.83		0.0	
4Q18		10/3/2018	41.43	42.42	400.01	401.00	0.99	400.80		0.4	
1Q19		1/3/2019	41.47	42.57	399.86	400.96	1.10	400.74		1.2	
2Q19		4/1/2019	41.58	42.34	400.09	400.85	0.76	400.70		63.7	
3Q19	442.60	7/1/2019	38.86	38.89	403.71	403.74	0.03	403.73	401.13 - 376.13 (41.47 - 66.47)	301	*
4Q19		10/1/2019	37.05	37.08	405.52	405.55	0.03	405.54		104	*
1Q20		1/2/2020	37.59	37.65	404.95	405.01	0.06	405.00		40.1	*
2Q20		4/2/2020	37.19	37.21	405.39	405.41	0.02	405.41		46.0	*
3Q20		7/6/2020	36.00	36.01	406.59	406.60	0.01	406.60		63.0	*
4Q20		10/5/2020	35.81	36.01	406.59	406.79	0.20	406.75		10.4	*
P 63											
1Q18	445.85	1/3/2018	42.27	42.29	403.56	403.58	0.02	403.58	398.56 - 373.56 (47.29 - 72.29)	33.8	*
2Q18		4/4/2018	44.09	44.11	401.74	401.76	0.02	401.76		36.5	*
3Q18		7/3/2018	45.41	45.43	400.42	400.44	0.02	400.44		222	*
4Q18		10/2/2018	45.59	45.62	400.23	400.26	0.03	400.25		70.1	*
1Q19		1/3/2019	45.58	45.61	400.24	400.27	0.03	400.26		68.2	*
2Q19		4/1/2019	45.62	45.65	400.20	400.23	0.03	400.22		852	*
3Q19	446.06	7/1/2019	43.86	43.91	402.15	402.20	0.05	402.19	398.77 - 373.77 (47.29 - 72.29)	81.2	*
4Q19		10/2/2019	41.89	41.92	404.14	404.17	0.03	404.16		5.0	*
1Q20		1/2/2020	41.63	41.65	404.41	404.43	0.02	404.43		8.7	*
2Q20		4/2/2020	41.16	41.17	404.89	404.90	0.01	404.90		10.5	*
3Q20		7/7/2020	39.67	39.68	406.38	406.39	0.01	406.39		28.0	*
4Q20		10/6/2020	39.20	39.21	406.85	406.86	0.01	406.86		54.2	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 64											
1Q18	446.89	1/3/2018	43.20	43.23	403.66	403.69	0.03	403.68	399.66 - 374.66 (47.23 - 72.23)	278	*
2Q18		4/4/2018	45.14	45.19	401.70	401.75	0.05	401.74		184	*
3Q18		7/3/2018	46.69	46.73	400.16	400.20	0.04	400.19		269	*
4Q18		10/2/2018	46.94	46.99	399.90	399.95	0.05	399.94		178	*
1Q19		1/2/2019	47.21	47.53	399.36	399.68	0.32	399.62		2559	
2Q19		4/1/2019	46.96	47.08	399.81	399.93	0.12	399.91		1220	*
3Q19	446.78	7/1/2019	45.63	45.72	401.06	401.15	0.09	401.13	399.55 - 374.55 (47.23 - 72.23)	206	*
4Q19		10/2/2019	43.58	43.61	403.17	403.20	0.03	403.19		77.5	*
1Q20		1/2/2020	42.98	43.04	403.74	403.80	0.06	403.79		38.9	*
2Q20		4/1/2020	42.35	42.40	404.38	404.43	0.05	404.42		154	*
3Q20		7/7/2020	40.85	40.88	405.90	405.93	0.03	405.92		112	*
4Q20		10/6/2020	40.30	40.34	406.44	406.48	0.04	406.47		115	*
P 65											
1Q18	444.60	1/3/2018	NE	41.10	NA	NA	NA	403.50	397.58 - 372.58 (47.02 - 72.02)	5.0	*
2Q18		4/4/2018	NE	43.02	NA	NA	NA	401.58		3.5	*
3Q18		7/3/2018	NE	43.58	NA	NA	NA	401.02		24.9	*
4Q18		10/2/2018	NE	43.91	NA	NA	NA	400.69		4.0	*
1Q19		1/3/2019	NE	44.19	NA	NA	NA	400.41		115	*
2Q19		4/1/2019	43.92	43.93	400.67	400.68	0.01	400.68		185	*
3Q19	444.77	7/1/2019	NE	41.97	NA	NA	NA	402.80	397.75 - 372.75 (47.02 - 72.02)	72.8	*
4Q19		10/2/2019	40.01	40.02	404.75	404.76	0.01	404.76		31.1	*
1Q20		1/2/2020	NE	39.96	NA	NA	NA	404.81		9.0	*
2Q20		4/2/2020	NE	39.54	NA	NA	NA	405.23		1.3	*
3Q20		7/7/2020	NE	38.28	NA	NA	NA	406.49		2.8	*
4Q20		10/6/2020	NE	37.82	NA	NA	NA	406.95		25.6	*
P 66											
1Q18	436.81	1/4/2018	NE	34.06	NA	NA	NA	402.75	402.09 - 377.09 (34.72 - 59.72)	68.7	*
2Q18		4/4/2018	NE	35.12	NA	NA	NA	401.69		3.7	
3Q18		7/2/2018	NE	35.20	NA	NA	NA	401.61		0.0	
4Q18		10/3/2018	NE	35.03	NA	NA	NA	401.78		8.0	
1Q19		1/4/2019	NE	34.75	NA	NA	NA	402.06		1.2	
2Q19		4/2/2019	NE	34.48	NA	NA	NA	402.33		2.6	*
3Q19	437.00	7/2/2019	NE	30.27	NA	NA	NA	406.73	402.28 - 377.28 (34.72 - 59.72)	87.7	*
4Q19		10/2/2019	NE	29.50	NA	NA	NA	407.50		42.2	*
1Q20		1/3/2020	NE	30.98	NA	NA	NA	406.02		77.3	*
2Q20		4/3/2020	NE	30.84	NA	NA	NA	406.16		122	*
3Q20		7/13/2020	NE	29.51	NA	NA	NA	407.49		35.6	*
4Q20		10/7/2020	NE	30.10	NA	NA	NA	406.90		51.2	*
P 67											
1Q18	444.10	1/4/2018	39.98	39.99	404.11	404.12	0.01	404.12	402.12 - 377.12 (41.98 - 66.98)	36.7	*
2Q18		4/4/2018	NE	41.04	NA	NA	NA	403.06		6.0	*
3Q18		7/2/2018	41.21	41.24	402.86	402.89	0.03	402.88		0.0	*
4Q18		10/3/2018	41.12	41.14	402.96	402.98	0.02	402.98		0.0	*
1Q19		1/4/2019	40.97	41.00	403.10	403.13	0.03	403.12		25.0	*
2Q19		4/2/2019	40.81	40.82	403.28	403.29	0.01	403.29		99.9	*
3Q19	444.30	7/2/2019	37.20	37.24	407.06	407.10	0.04	407.09	402.32 - 377.32 (41.98 - 66.98)	1.1	*
4Q19		10/2/2019	36.27	36.32	407.98	408.03	0.05	408.02		0.9	*
1Q20		1/3/2020	37.30	37.31	406.99	407.00	0.01	407.00		4.4	*
2Q20		4/3/2020	36.91	36.92	407.38	407.39	0.01	407.39		12.0	*
3Q20		7/7/2020	35.80	35.81	408.49	408.50	0.01	408.50		0.9	*
4Q20		10/7/2020	36.24	36.26	408.04	408.06	0.02	408.06		3.3	*
P 68											
1Q18	445.18	1/3/2018	42.05	42.07	403.11	403.13	0.02	403.13	399.92 - 374.92 (45.26 - 70.26)	137	*
2Q18		4/3/2018	42.89	42.94	402.24	402.29	0.05	402.28	401.42 - 376.42 (43.76 - 68.76)	92.0	*
3Q18		7/2/2018	44.25	44.32	400.86	400.93	0.07	400.92		136	
4Q18		10/2/2018	44.22	44.31	400.87	400.96	0.09	400.94		169	
1Q19		1/3/2019	44.07	44.26	400.92	401.11	0.19	401.07		187	
2Q19		4/1/2019	44.21	44.34	400.84	400.97	0.13	400.94		468	
3Q19	445.38	7/1/2019	40.75	40.88	404.50	404.63	0.13	404.60	401.62 - 376.62 (43.76 - 68.76)	259	*
4Q19		10/1/2019	39.13	39.17	406.21	406.25	0.04	406.24		189	*
1Q20		1/2/2020	40.15	40.20	405.18	405.23	0.05	405.22		115	*
2Q20		4/2/2020	39.42	39.46	405.92	405.96	0.04	405.95		181	*
3Q20		7/7/2020	38.60	38.61	406.77	406.78	0.01	406.78		159	*
4Q20		10/5/2020	38.44	38.47	406.91	406.94	0.03	406.93		112	*

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TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 69											
1Q18	443.40	1/3/2018	NE	40.76	NA	NA	NA	402.64	402.58 - 377.58 (40.82 - 65.82)	120	*
2Q18		4/4/2018	NE	42.00	NA	NA	NA	401.40		0.0	
3Q18		7/2/2018	NE	43.00	NA	NA	NA	400.40		0.0	
4Q18		10/2/2018	NE	42.95	NA	NA	NA	400.45		0.0	
1Q19		1/3/2019	NE	42.80	NA	NA	NA	400.60		0.1	
2Q19		4/1/2019	NE	42.96	NA	NA	NA	400.44		0.0	
3Q19	443.77	7/1/2019	NE	39.38	NA	NA	NA	404.39	402.95 - 377.95 (40.82 - 65.82)	270	*
4Q19		10/1/2019	NE	37.70	NA	NA	NA	406.07		42.3	*
1Q20		1/2/2020	NE	38.94	NA	NA	NA	404.83		21.2	*
2Q20		4/2/2020	NE	38.05	NA	NA	NA	405.72		72.0	*
3Q20		7/7/2020	NE	37.40	NA	NA	NA	406.37		149	*
4Q20		10/5/2020	NE	37.18	NA	NA	NA	406.59		71.5	*
P 70											
1Q18	442.95	1/2/2018	40.03	40.06	402.89	402.92	0.03	402.91	398.28 - 373.28 (44.67 - 69.67)	282	*
2Q18		4/2/2018	40.94	40.98	401.97	402.01	0.04	402.00		90.4	*
3Q18		7/2/2018	42.23	42.26	400.69	400.72	0.03	400.71		238	*
4Q18		10/2/2018	42.25	42.27	400.68	400.70	0.02	400.70		297	*
1Q19		1/3/2019	42.18	42.19	400.76	400.77	0.01	400.77		204	*
2Q19		4/1/2019	42.26	42.27	400.68	400.69	0.01	400.69		1406	*
3Q19	443.11	7/1/2019	38.92	38.93	404.18	404.19	0.01	404.19	398.44 - 373.44 (44.67 - 69.67)	371	*
4Q19		10/1/2019	37.22	37.23	405.88	405.89	0.01	405.89		221	*
1Q20		1/2/2020	NE	38.15	NA	NA	NA	404.96		150	*
2Q20		4/2/2020	37.65	37.66	405.45	405.46	0.01	405.46		190	*
3Q20		7/7/2020	NE	36.67	NA	NA	NA	406.44		268	*
4Q20		10/5/2020	NE	36.58	NA	NA	NA	406.53		242	*
P 71											
1Q18	444.94	1/3/2018	NE	41.42	NA	NA	NA	403.52	402.33 - 377.33 (42.61 - 67.61)	6.0	*
2Q18		4/4/2018	NE	42.99	NA	NA	NA	401.95		50.4	
3Q18		7/3/2018	NE	43.36	NA	NA	NA	401.58		41.2	
4Q18		10/2/2018	NE	43.61	NA	NA	NA	401.33		108	
1Q19		1/3/2019	NE	43.73	NA	NA	NA	401.21		123	
2Q19		4/1/2019	NE	43.38	NA	NA	NA	401.56		350	
3Q19	445.09	7/1/2019	NE	40.85	NA	NA	NA	404.24	402.48 - 377.48 (42.61 - 67.61)	52.7	*
4Q19		10/1/2019	NE	38.67	NA	NA	NA	406.42		72.4	*
1Q20		1/2/2020	NE	39.49	NA	NA	NA	405.60		49.6	*
2Q20		4/2/2020	NE	39.30	NA	NA	NA	405.79		101	*
3Q20		7/7/2020	NE	38.35	NA	NA	NA	406.74		51.8	*
4Q20		10/6/2020	NE	38.06	NA	NA	NA	407.03		101	*
P 72											
1Q18	444.49	1/3/2018	NE	40.84	NA	NA	NA	403.65	398.72 - 373.72 (45.77 - 70.77)	40.0	*
2Q18		4/4/2018	NE	42.81	NA	NA	NA	401.68		2.6	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	401.59		2.3	*
4Q18		10/3/2018	43.01	43.02	401.47	401.48	0.01	401.48		7.2	*
1Q19		1/3/2019	43.11	43.12	401.37	401.38	0.01	401.38		135	*
2Q19		4/1/2019	42.93	42.94	401.55	401.56	0.01	401.56		83.4	*
3Q19	444.70	7/1/2019	NE	40.20	NA	NA	NA	404.50	398.93 - 373.93 (45.77 - 70.77)	11.0	*
4Q19		10/2/2019	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
1Q20		1/2/2020	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
2Q20		4/2/2020	NE	38.84	NA	NA	NA	405.86		0.8	*
3Q20		7/7/2020	NE	37.75	NA	NA	NA	406.95		5.6	*
4Q20		10/6/2020	NE	37.54	NA	NA	NA	407.16		49.4	*
P 73											
1Q18	443.86	1/3/2018	NE	41.93	NA	NA	NA	401.93	402.27 - 377.27 (41.59 - 66.59)	67.8	
2Q18		4/4/2018	NE	43.21	NA	NA	NA	400.65		0.0	
3Q18		7/3/2018	NE	43.43	NA	NA	NA	400.43		0.0	
4Q18		10/3/2018	NE	43.24	NA	NA	NA	400.62		1.8	
1Q19		1/3/2019	NE	43.06	NA	NA	NA	400.80		6.6	
2Q19		4/2/2019	NE	42.70	NA	NA	NA	401.16		2.6	
3Q19	444.02	7/1/2019	NE	38.98	NA	NA	NA	405.04	402.42 - 377.42 (41.59 - 66.59)	488	*
4Q19		10/1/2019	NE	37.68	NA	NA	NA	406.34		226	*
1Q20		1/2/2020	NE	39.30	NA	NA	NA	404.72		38.4	*
2Q20		4/2/2020	NE	38.75	NA	NA	NA	405.27		42.8	*
3Q20		7/7/2020	NE	37.81	NA	NA	NA	406.21		230	*
4Q20		10/6/2020	NE	38.01	NA	NA	NA	406.01		202	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 74											
1Q18	442.72	1/3/2018	NE	40.21	NA	NA	NA	402.51	398.29 - 373.29 (44.43 - 69.43)	1.6	*
2Q18		4/4/2018	NE	39.81	NA	NA	NA	402.91	398.89 - 373.89 (43.83 - 68.83)	0.0	*
3Q18		7/2/2018	NE	42.35	NA	NA	NA	400.37		0.0	*
4Q18		10/2/2018	NE	42.18	NA	NA	NA	400.54		1.1	*
1Q19		1/3/2019	NE	41.95	NA	NA	NA	400.77		0.0	*
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.26		0.7	* Gauging result anomalous
3Q19	442.93	7/1/2019	NE	38.32	NA	NA	NA	404.61	399.10 - 374.10 (43.83 - 68.83)	0.0	*
4Q19		10/1/2019	NE	36.71	NA	NA	NA	406.22		0.2	*
1Q20		1/2/2020	NE	38.07	NA	NA	NA	404.86		0.0	*
2Q20		4/2/2020	NE	37.28	NA	NA	NA	405.65		0.0	*
3Q20		7/7/2020	NE	36.55	NA	NA	NA	406.38		0.1	*
4Q20		10/5/2020	NE	36.46	NA	NA	NA	406.47		0.1	*
P 75											
1Q18	446.42	1/4/2018	NE	44.01	NA	NA	NA	402.41	403.29 - 378.29 (43.13 - 68.13)	3.0	
2Q18		4/4/2018	NE	45.06	NA	NA	NA	401.36		0.0	
3Q18		7/2/2018	NE	45.15	NA	NA	NA	401.27		0.0	
4Q18		10/3/2018	NE	45.06	NA	NA	NA	401.36		14.4	
1Q19		1/4/2019	NE	44.74	NA	NA	NA	401.68		4.6	
2Q19		4/2/2019	NE	44.43	NA	NA	NA	401.99		21.6	
3Q19	446.68	7/2/2019	NE	40.50	NA	NA	NA	406.18	403.55 - 378.55 (43.13 - 68.13)	10.5	*
4Q19		10/2/2019	NE	39.53	NA	NA	NA	407.15		5.7	*
1Q20		1/3/2020	NE	41.08	NA	NA	NA	405.60		33.8	*
2Q20		4/3/2020	NE	40.65	NA	NA	NA	406.03		87.7	*
3Q20		7/7/2020	NE	39.62	NA	NA	NA	407.06		31.9	*
4Q20		10/7/2020	NE	40.01	NA	NA	NA	406.67		43.8	*
P 82A											
1Q18	435.02	1/3/2018	NE	27.54	NA	NA	NA	407.48	401.81 - 386.81 (33.21 - 48.21)	0.0	*
2Q18		4/3/2018	NE	27.83	NA	NA	NA	407.19		0.0	*
3Q18		7/2/2018	NE	28.14	NA	NA	NA	406.88		0.0	*
4Q18		10/3/2018	NE	28.38	NA	NA	NA	406.64		0.0	*
1Q19		1/4/2019	NE	28.25	NA	NA	NA	406.77		0.0	*
2Q19		4/2/2019	NE	27.83	NA	NA	NA	407.19		0.0	*
3Q19	434.94	7/1/2019	NE	24.08	NA	NA	NA	410.86	401.73 - 386.73 (33.21 - 48.21)	0.0	*
4Q19		10/1/2019	NE	23.86	NA	NA	NA	411.08		0.1	*
1Q20		1/2/2020	NE	24.67	NA	NA	NA	410.27		0.0	*
2Q20		4/2/2020	NE	24.11	NA	NA	NA	410.83		0.0	*
3Q20		7/7/2020	NE	22.98	NA	NA	NA	411.96		0.0	*
4Q20		10/7/2020	NE	24.11	NA	NA	NA	410.83		0.0	*
P 82B											
1Q18	434.48	1/3/2018	NE	27.26	NA	NA	NA	407.22	370.88 - 368.88 (63.60 - 65.60)	0.0	*
2Q18		4/3/2018	NE	27.54	NA	NA	NA	406.94	371.68 - 369.68 (62.80 - 64.80)	0.0	*
3Q18		7/2/2018	NE	27.85	NA	NA	NA	406.63		0.0	*
4Q18		10/3/2018	NE	28.09	NA	NA	NA	406.39		0.0	*
1Q19		1/4/2019	NE	27.97	NA	NA	NA	406.51		0.0	*
2Q19		4/2/2019	NE	27.55	NA	NA	NA	406.93		0.0	*
3Q19	434.68	7/1/2019	NE	23.78	NA	NA	NA	410.90	371.88 - 369.88 (62.80 - 64.80)	0.0	*
4Q19		10/1/2019	NE	23.59	NA	NA	NA	411.09		0.0	*
1Q20		1/2/2020	NE	24.40	NA	NA	NA	410.28		0.0	*
2Q20		4/2/2020	NE	23.82	NA	NA	NA	410.86		0.0	*
3Q20		7/7/2020	NE	22.71	NA	NA	NA	411.97		0.1	*
4Q20		10/7/2020	NE	23.82	NA	NA	NA	410.86		0.0	*
P 82C											
1Q18	434.21	1/3/2018	NE	26.98	NA	NA	NA	407.23	351.44 - 349.44 (82.77 - 84.77)	0.0	*
2Q18		4/3/2018	NE	27.22	NA	NA	NA	406.99		0.0	*
3Q18		7/2/2018	NE	27.65	NA	NA	NA	406.56		0.0	*
4Q18		10/3/2018	NE	27.79	NA	NA	NA	406.42		0.0	*
1Q19		1/4/2019	NE	27.67	NA	NA	NA	406.54		0.0	*
2Q19		4/2/2019	NE	27.25	NA	NA	NA	406.96		0.0	*
3Q19	434.41	7/1/2019	NE	23.49	NA	NA	NA	410.92	351.64 - 349.64 (82.77 - 84.77)	0.0	*
4Q19		10/1/2019	NE	23.30	NA	NA	NA	411.11		0.0	*
1Q20		1/2/2020	NE	24.72	NA	NA	NA	409.69		0.0	*
2Q20		4/2/2020	NE	23.52	NA	NA	NA	410.89		0.0	*
3Q20		7/7/2020	NE	22.40	NA	NA	NA	412.01		0.0	*
4Q20		10/7/2020	NE	23.53	NA	NA	NA	410.88		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 82D											
1Q18	434.89	1/3/2018	NE	27.78	NA	NA	NA	407.11	323.47 - 321.47 (111.42 - 113.42)	0.0	*
2Q18		4/3/2018	NE	27.99	NA	NA	NA	406.90	323.35 - 321.35 (111.54 - 113.54)	0.0	*
3Q18		7/2/2018	NE	28.35	NA	NA	NA	406.54		0.0	*
4Q18		10/3/2018	NE	28.57	NA	NA	NA	406.32		0.0	*
1Q19		1/4/2019	NE	28.42	NA	NA	NA	406.47		0.0	*
2Q19		4/2/2019	NE	27.99	NA	NA	NA	406.90		0.0	*
3Q19	435.09	7/1/2019	NE	24.20	NA	NA	NA	410.89	323.55 - 321.55 (111.54 - 113.54)	0.0	*
4Q19		10/1/2019	NE	24.02	NA	NA	NA	411.07		0.0	*
1Q20		1/2/2020	NE	25.86	NA	NA	NA	409.23		0.0	*
2Q20		4/2/2020	NE	24.27	NA	NA	NA	410.82		0.0	*
3Q20		7/7/2020	NE	23.16	NA	NA	NA	411.93		0.0	*
4Q20		10/7/2020	NE	24.30	NA	NA	NA	410.79		0.0	*
P 83A											
1Q18	445.36	1/3/2018	NE	39.76	NA	NA	NA	405.60	398.71 - 383.71 (46.65 - 61.65)	0.0	*
2Q18		4/2/2018	NE	40.74	NA	NA	NA	404.62		0.0	*
3Q18		7/2/2018	NE	42.59	NA	NA	NA	402.77		0.0	*
4Q18		10/1/2018	NE	43.03	NA	NA	NA	402.33		0.0	*
1Q19		1/2/2019	NE	43.55	NA	NA	NA	401.81		0.0	*
2Q19		4/2/2019	NE	43.34	NA	NA	NA	402.02	397.96 - 382.96 (47.40 - 62.40)	0.0	*
3Q19	445.54	7/1/2019	NE	41.95	NA	NA	NA	403.59	398.14 - 383.14 (47.40 - 62.40)	0.0	*
4Q19		10/2/2019	NE	40.55	NA	NA	NA	404.99		0.0	*
1Q20		1/2/2020	NE	39.80	NA	NA	NA	405.74		0.0	*
2Q20		4/2/2020	NE	38.84	NA	NA	NA	406.70		0.0	*
3Q20		7/7/2020	NE	37.27	NA	NA	NA	408.27		0.0	*
4Q20		10/6/2020	NE	36.71	NA	NA	NA	408.83		0.0	*
P 83B											
1Q18	445.55	1/3/2018	NE	40.01	NA	NA	NA	405.54	375.90 - 373.90 (69.65 - 71.65)	0.6	*
2Q18		4/2/2018	NE	41.01	NA	NA	NA	404.54	371.75 - 369.75 (73.80 - 75.80)	0.0	*
3Q18		7/2/2018	NE	42.83	NA	NA	NA	402.72		0.0	*
4Q18		10/1/2018	NE	43.29	NA	NA	NA	402.26		0.0	*
1Q19		1/2/2019	NE	43.80	NA	NA	NA	401.75		0.0	*
2Q19		4/2/2019	NE	43.59	NA	NA	NA	401.96		0.0	*
3Q19	445.77	7/1/2019	NE	42.20	NA	NA	NA	403.57	371.97 - 369.97 (73.80 - 75.80)	0.0	*
4Q19		10/2/2019	NE	40.80	NA	NA	NA	404.97		0.0	*
1Q20		1/2/2020	NE	40.06	NA	NA	NA	405.71		0.0	*
2Q20		4/2/2020	NE	39.09	NA	NA	NA	406.68		0.0	*
3Q20		7/7/2020	NE	37.54	NA	NA	NA	408.23		0.0	*
4Q20		10/6/2020	NE	36.96	NA	NA	NA	408.81		0.1	*
P 83C											
1Q18	445.78	1/3/2018	NE	40.16	NA	NA	NA	405.62	353.39 - 351.39 (92.39 - 94.39)	0.0	*
2Q18		4/2/2018	NE	41.15	NA	NA	NA	404.63		0.0	*
3Q18		7/2/2018	NE	42.99	NA	NA	NA	402.79		0.0	*
4Q18		10/1/2018	NE	43.44	NA	NA	NA	402.34		0.0	*
1Q19		1/2/2019	NE	43.95	NA	NA	NA	401.83		0.0	*
2Q19		4/2/2019	NE	43.75	NA	NA	NA	402.03		0.0	*
3Q19	445.95	7/1/2019	NE	42.44	NA	NA	NA	403.51	353.56 - 351.56 (92.39 - 94.39)	0.0	*
4Q19		10/2/2019	NE	40.96	NA	NA	NA	404.99		0.0	*
1Q20		1/2/2020	NE	40.21	NA	NA	NA	405.74		0.0	*
2Q20		4/2/2020	NE	39.25	NA	NA	NA	406.70		0.0	*
3Q20		7/7/2020	NE	37.69	NA	NA	NA	408.26		0.0	*
4Q20		10/6/2020	NE	37.11	NA	NA	NA	408.84		0.0	*
P 83D											
1Q18	445.70	1/3/2018	NE	40.11	NA	NA	NA	405.59	311.99 - 309.99 (133.71 - 135.71)	0.0	*
2Q18		4/2/2018	NE	41.13	NA	NA	NA	404.57	311.90 - 309.90 (133.80 - 135.80)	0.0	*
3Q18		7/2/2018	NE	43.96	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	43.41	NA	NA	NA	402.29		0.0	*
1Q19		1/2/2019	NE	43.93	NA	NA	NA	401.77		0.0	*
2Q19		4/2/2019	NE	43.72	NA	NA	NA	401.98		0.0	*
3Q19	445.86	7/1/2019	NE	42.40	NA	NA	NA	403.46	312.06 - 310.06 (133.80 - 135.80)	0.0	*
4Q19		10/2/2019	NE	40.94	NA	NA	NA	404.92		0.0	*
1Q20		1/2/2020	NE	40.19	NA	NA	NA	405.67		0.0	*
2Q20		4/2/2020	NE	39.22	NA	NA	NA	406.64		0.0	*
3Q20		7/7/2020	NE	37.66	NA	NA	NA	408.20		0.0	*
4Q20		10/6/2020	NE	37.08	NA	NA	NA	408.78		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 84A											
1Q18	446.49	1/3/2018	NE	40.84	NA	NA	NA	405.65	397.99 - 382.99 (48.50 - 63.50)	0.1	*
2Q18		4/4/2018	NE	42.22	NA	NA	NA	404.27	397.57 - 382.57 (48.92 - 63.92)	0.0	*
3Q18		7/3/2018	NE	43.16	NA	NA	NA	403.33		0.0	*
4Q18		10/3/2018	NE	43.55	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
2Q19		4/2/2019	NE	43.79	NA	NA	NA	402.70		0.0	*
3Q19	446.63	7/1/2019	NE	41.69	NA	NA	NA	404.94	397.71 - 382.71 (48.92 - 63.92)	0.0	*
4Q19		10/1/2019	NE	40.00	NA	NA	NA	406.63		0.0	*
1Q20		1/2/2020	NE	39.85	NA	NA	NA	406.78		0.0	*
2Q20		4/1/2020	NE	39.39	NA	NA	NA	407.24		0.0	*
3Q20		7/7/2020	NE	37.98	NA	NA	NA	408.65		0.0	*
4Q20		10/6/2020	NE	37.65	NA	NA	NA	408.98		0.0	*
P 84B											
1Q18	446.21	1/3/2018	NE	40.56	NA	NA	NA	405.65	372.71 - 370.71 (73.50 - 75.50)	0.1	*
2Q18		4/4/2018	NE	41.94	NA	NA	NA	404.27		0.0	*
3Q18		7/3/2018	NE	42.90	NA	NA	NA	403.31		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.93		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.70		0.1	*
2Q19		4/2/2019	NE	43.51	NA	NA	NA	402.70		0.0	*
3Q19	446.35	7/1/2019	NE	41.41	NA	NA	NA	404.94	372.85 - 370.85 (73.50 - 75.50)	0.0	*
4Q19		10/1/2019	NE	39.72	NA	NA	NA	406.63		0.0	*
1Q20		1/2/2020	NE	39.56	NA	NA	NA	406.79		0.0	*
2Q20		4/1/2020	NE	39.14	NA	NA	NA	407.21		0.0	*
3Q20		7/7/2020	NE	37.72	NA	NA	NA	408.63		0.0	*
4Q20		10/6/2020	NE	37.39	NA	NA	NA	408.96		0.0	*
P 84C											
1Q18	446.22	1/3/2018	NE	40.57	NA	NA	NA	405.65	352.17 - 350.17 (94.05 - 96.05)	0.0	*
2Q18		4/4/2018	NE	41.96	NA	NA	NA	404.26		0.0	*
3Q18		7/3/2018	NE	43.89	NA	NA	NA	402.33		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.94		0.0	*
1Q19		1/3/2019	NE	43.53	NA	NA	NA	402.69		0.1	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.70		0.0	*
3Q19	446.37	7/1/2019	NE	41.45	NA	NA	NA	404.92	352.32 - 350.32 (94.05 - 96.05)	0.0	*
4Q19		10/1/2019	NE	39.75	NA	NA	NA	406.62		0.0	*
1Q20		1/2/2020	NE	38.57	NA	NA	NA	407.80		0.0	*
2Q20		4/1/2020	NE	39.13	NA	NA	NA	407.24		0.0	*
3Q20		7/7/2020	NE	37.74	NA	NA	NA	408.63		0.0	*
4Q20		10/6/2020	NE	37.41	NA	NA	NA	408.96		0.0	*
P 84D											
1Q18	446.24	1/3/2018	NE	40.58	NA	NA	NA	405.66	325.09 - 323.09 (121.15 - 123.15)	0.1	*
2Q18		4/4/2018	NE	41.97	NA	NA	NA	404.27	325.41 - 323.41 (120.83 - 122.83)	0.0	*
3Q18		7/3/2018	NE	42.89	NA	NA	NA	403.35		0.0	*
4Q18		10/3/2018	NE	43.28	NA	NA	NA	402.96		0.0	*
1Q19		1/3/2019	NE	43.51	NA	NA	NA	402.73		0.1	*
2Q19		4/2/2019	NE	43.52	NA	NA	NA	402.72		0.0	*
3Q19	446.38	7/1/2019	NE	41.42	NA	NA	NA	404.96	325.55 - 323.55 (120.83 - 122.83)	0.0	*
4Q19		10/1/2019	NE	39.73	NA	NA	NA	406.65		0.0	*
1Q20		1/2/2020	NE	39.57	NA	NA	NA	406.81		0.0	*
2Q20		4/1/2020	NE	39.14	NA	NA	NA	407.24		0.0	*
3Q20		7/7/2020	NE	37.74	NA	NA	NA	408.64		0.0	*
4Q20		10/6/2020	NE	37.40	NA	NA	NA	408.98		0.0	*
P 88A											
1Q18	443.09	1/4/2018	NE	32.60	NA	NA	NA	410.49	404.69 - 389.69 (38.40 - 53.40)	0.0	*
2Q18		4/4/2018	NE	34.04	NA	NA	NA	409.05		0.0	*
3Q18		7/2/2018	NE	33.86	NA	NA	NA	409.23		0.0	*
4Q18		10/3/2018	NE	34.01	NA	NA	NA	409.08		0.0	*
1Q19		1/4/2019	NE	34.31	NA	NA	NA	408.78		0.0	*
2Q19		4/2/2019	NE	34.22	NA	NA	NA	408.87		0.0	*
3Q19	443.27	7/2/2019	NE	31.34	NA	NA	NA	411.93	404.87 - 389.87 (38.40 - 53.40)	0.0	*
4Q19		10/2/2019	NE	30.41	NA	NA	NA	412.86		0.0	*
1Q20		1/3/2020	NE	30.75	NA	NA	NA	412.52		0.0	*
2Q20		4/3/2020	NE	30.01	NA	NA	NA	413.26		0.0	*
3Q20		7/7/2020	NE	29.04	NA	NA	NA	414.23		0.0	*
4Q20		10/7/2020	NE	29.24	NA	NA	NA	414.03		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 88B											
1Q18	443.16	1/4/2018	NE	32.67	NA	NA	NA	410.49	371.16 - 369.16 (72.00 - 74.00)	0.0	*
2Q18		4/4/2018	NE	34.09	NA	NA	NA	409.07	371.51 - 369.51 (71.65 - 73.65)	0.0	*
3Q18		7/2/2018	NE	33.84	NA	NA	NA	409.32		0.0	*
4Q18		10/3/2018	NE	34.08	NA	NA	NA	409.08		0.1	*
1Q19		1/4/2019	NE	34.37	NA	NA	NA	408.79		0.0	*
2Q19		4/2/2019	NE	34.29	NA	NA	NA	408.87		0.0	*
3Q19	443.35	7/2/2019	NE	31.41	NA	NA	NA	411.94	371.70 - 369.70 (71.65 - 73.65)	0.0	*
4Q19		10/2/2019	NE	30.47	NA	NA	NA	412.88		0.0	*
1Q20		1/3/2020	NE	30.80	NA	NA	NA	412.55		0.0	*
2Q20		4/3/2020	NE	30.07	NA	NA	NA	413.28		0.0	*
3Q20		7/7/2020	NE	29.09	NA	NA	NA	414.26		0.0	*
4Q20		10/7/2020	NE	29.30	NA	NA	NA	414.05		0.0	*
P 88C											
1Q18	443.13	1/4/2018	NE	32.62	NA	NA	NA	410.51	350.83 - 348.83 (92.30 - 94.30)	0.0	*
2Q18		4/4/2018	NE	34.05	NA	NA	NA	409.08		0.0	*
3Q18		7/2/2018	NE	33.88	NA	NA	NA	409.25		0.0	*
4Q18		10/3/2018	NE	34.02	NA	NA	NA	409.11		0.0	*
1Q19		1/4/2019	NE	34.32	NA	NA	NA	408.81		0.0	*
2Q19		4/2/2019	NE	34.24	NA	NA	NA	408.89		0.0	*
3Q19	443.31	7/2/2019	NE	31.37	NA	NA	NA	411.94	351.01 - 349.01 (92.30 - 94.30)	0.0	*
4Q19		10/2/2019	NE	30.44	NA	NA	NA	412.87		0.0	*
1Q20		1/3/2020	NE	30.77	NA	NA	NA	412.54		0.0	*
2Q20		4/3/2020	NE	30.04	NA	NA	NA	413.27		0.0	*
3Q20		7/7/2020	NE	29.05	NA	NA	NA	414.26		0.1	*
4Q20		10/7/2020	NE	29.25	NA	NA	NA	414.06		0.0	*
P 88D											
1Q18	443.20	1/4/2018	NE	32.82	NA	NA	NA	410.38	329.50 - 327.50 (113.70 - 115.70)	0.0	*
2Q18		4/4/2018	NE	34.17	NA	NA	NA	409.03	331.03 - 329.03 (112.17 - 114.17)	0.0	*
3Q18		7/2/2018	NE	34.09	NA	NA	NA	409.11		0.0	*
4Q18		10/3/2018	NE	34.26	NA	NA	NA	408.94		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.75		0.0	*
2Q19		4/2/2019	NE	34.30	NA	NA	NA	408.90		0.0	*
3Q19	443.38	7/2/2019	NE	31.35	NA	NA	NA	412.03	331.21 - 329.21 (112.17 - 114.17)	0.0	*
4Q19		10/2/2019	NE	30.56	NA	NA	NA	412.82		0.0	*
1Q20		1/3/2020	NE	30.89	NA	NA	NA	412.49		0.0	*
2Q20		4/3/2020	NE	29.97	NA	NA	NA	413.41		0.0	*
3Q20		7/7/2020	NE	29.16	NA	NA	NA	414.22		0.0	*
4Q20		10/7/2020	NE	29.43	NA	NA	NA	413.95		0.0	*
P 89B											
1Q18	447.44	1/4/2018	NE	39.23	NA	NA	NA	408.21	370.08 - 368.08 (77.36 - 79.36)	0.0	*
2Q18		4/3/2018	NE	40.47	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	41.39	NA	NA	NA	406.05		0.0	*
4Q18		10/2/2018	NE	41.74	NA	NA	NA	405.70		0.0	*
1Q19		1/3/2019	NE	42.63	NA	NA	NA	404.81		0.0	*
2Q19		4/2/2019	NE	42.41	NA	NA	NA	405.03		0.0	*
3Q19	447.64	7/2/2019	NE	41.60	NA	NA	NA	406.04	370.28 - 368.28 (77.36 - 79.36)	0.0	*
4Q19		10/2/2019	NE	40.11	NA	NA	NA	407.53		0.0	*
1Q20		1/2/2020	NE	39.20	NA	NA	NA	408.44		0.0	*
2Q20		4/3/2020	NE	37.98	NA	NA	NA	409.66		0.0	*
3Q20		7/8/2020	NE	36.46	NA	NA	NA	411.18		0.0	*
4Q20		10/6/2020	NE	35.79	NA	NA	NA	411.85		0.0	*
P 89C											
1Q18	447.76	1/4/2018	NE	39.65	NA	NA	NA	408.11	350.13 - 348.13 (97.63 - 99.63)	0.0	*
2Q18		4/3/2018	NE	40.79	NA	NA	NA	406.97		0.0	*
3Q18		7/3/2018	NE	42.09	NA	NA	NA	405.67		0.0	*
4Q18		10/2/2018	NE	42.11	NA	NA	NA	405.65		0.0	*
1Q19		1/3/2019	NE	43.03	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.75	NA	NA	NA	405.01	351.36 - 349.36 (96.40 - 98.40)	0.0	*
3Q19	447.96	7/2/2019	NE	41.95	NA	NA	NA	406.01	351.56 - 349.56 (96.40 - 98.40)	0.0	*
4Q19		10/2/2019	NE	40.46	NA	NA	NA	407.50		0.0	*
1Q20		1/2/2020	NE	39.54	NA	NA	NA	408.42		0.0	*
2Q20		4/3/2020	NE	38.27	NA	NA	NA	409.69		0.0	*
3Q20		7/8/2020	NE	37.00	NA	NA	NA	410.96		0.0	*
4Q20		10/6/2020	NE	36.13	NA	NA	NA	411.83		0.0	*

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TABLE 1
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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 89D											
1Q18	447.63	1/4/2018	NE	39.48	NA	NA	NA	408.15	307.29 - 305.29 (140.34 - 142.34)	2.0	*
2Q18		4/3/2018	NE	40.95	NA	NA	NA	406.68		0.0	*
3Q18		7/3/2018	NE	41.76	NA	NA	NA	405.87		0.0	*
4Q18		10/2/2018	NE	42.15	NA	NA	NA	405.48		0.0	*
1Q19		1/3/2019	NE	43.11	NA	NA	NA	404.52		0.0	*
2Q19		4/2/2019	NE	42.87	NA	NA	NA	404.76		0.0	*
3Q19	447.83	7/2/2019	NE	42.05	NA	NA	NA	405.78	309.33 - 307.33 (138.50 - 140.50)	0.0	*
4Q19		10/2/2019	NE	40.53	NA	NA	NA	407.30		0.0	*
1Q20		1/2/2020	NE	39.58	NA	NA	NA	408.25		0.0	*
2Q20		4/3/2020	NE	38.29	NA	NA	NA	409.54		0.0	*
3Q20		7/8/2020	NE	37.03	NA	NA	NA	410.80		0.0	*
4Q20		10/6/2020	NE	36.15	NA	NA	NA	411.68		0.0	*
P 91A											
1Q18	447.24	1/2/2018	44.43	44.45	402.79	402.81	0.02	402.81	395.72 - 380.72 (51.51 - 66.51)	25.8	*
2Q18		4/3/2018	NE	45.39	NA	NA	NA	401.85		43.1	*
3Q18		7/2/2018	NE	48.52	NA	NA	NA	398.72		151	*
4Q18		10/1/2018	NE	48.70	NA	NA	NA	398.54		5.6	*
1Q19		1/2/2019	48.87	48.90	398.34	398.37	0.03	398.36		1129	*
2Q19		4/2/2019	48.58	48.59	398.65	398.66	0.01	398.66		413	*
3Q19	447.43	7/1/2019	47.77	47.78	399.65	399.66	0.01	399.66	395.92 - 380.92 (51.51 - 66.51)	14.7	*
4Q19		10/2/2019	NE	45.72	NA	NA	NA	401.71		9.5	*
1Q20		1/2/2020	44.69	44.70	402.73	402.74	0.01	402.74		7.4	*
2Q20		4/1/2020	NE	44.10	NA	NA	NA	403.33		38.0	*
3Q20		7/6/2020	NE	42.34	NA	NA	NA	405.09		21.8	*
4Q20		10/6/2020	NE	41.66	NA	NA	NA	405.77		33.5	*
P 91B											
1Q18	447.28	1/2/2018	NE	44.23	NA	NA	NA	403.05	372.59 - 370.59 (74.69 - 76.69)	102	*
2Q18		4/3/2018	NE	45.45	NA	NA	NA	401.83		0.5	*
3Q18		7/2/2018	NE	48.69	NA	NA	NA	398.59		11.0	*
4Q18		10/1/2018	NE	48.88	NA	NA	NA	398.40		12.1	*
1Q19		1/2/2019	NE	49.04	NA	NA	NA	398.24		73.3	*
2Q19		4/2/2019	NE	48.75	NA	NA	NA	398.53		116	*
3Q19	447.47	7/1/2019	NE	47.97	NA	NA	NA	399.50	372.78 - 370.78 (74.69 - 76.69)	3.5	*
4Q19		10/2/2019	NE	45.89	NA	NA	NA	401.58		6.5	*
1Q20		1/2/2020	NE	44.85	NA	NA	NA	402.62		0.0	*
2Q20		4/1/2020	NE	44.05	NA	NA	NA	403.42		15.5	*
3Q20		7/6/2020	NE	42.47	NA	NA	NA	405.00		20.6	*
4Q20		10/6/2020	NE	41.79	NA	NA	NA	405.68		11.3	*
P 91C											
1Q18	447.07	1/2/2018	NE	44.00	NA	NA	NA	403.07	352.34 - 350.34 (94.73 - 96.73)	9.5	*
2Q18		4/3/2018	NE	45.21	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.44	NA	NA	NA	398.63		0.0	*
4Q18		10/1/2018	NE	48.61	NA	NA	NA	398.46		0.0	*
1Q19		1/2/2019	NE	48.80	NA	NA	NA	398.27		1.2	*
2Q19		4/2/2019	NE	48.47	NA	NA	NA	398.60		0.0	*
3Q19	447.27	7/1/2019	NE	47.69	NA	NA	NA	399.58	352.54 - 350.54 (94.73 - 96.73)	0.0	*
4Q19		10/2/2019	NE	45.63	NA	NA	NA	401.64		0.0	*
1Q20		1/2/2020	NE	44.60	NA	NA	NA	402.67		0.1	*
2Q20		4/1/2020	NE	43.80	NA	NA	NA	403.47		0.0	*
3Q20		7/6/2020	NE	42.22	NA	NA	NA	405.05		0.0	*
4Q20		10/6/2020	NE	41.55	NA	NA	NA	405.72		0.0	*
P 91D											
1Q18	447.06	1/2/2018	NE	43.98	NA	NA	NA	403.08	278.74 - 276.74 (168.32 - 170.32)	3.4	*
2Q18		4/3/2018	NE	45.20	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.41	NA	NA	NA	398.65		0.0	*
4Q18		10/1/2018	NE	48.56	NA	NA	NA	398.50		0.0	*
1Q19		1/2/2019	NE	48.76	NA	NA	NA	398.30		1.6	*
2Q19		4/2/2019	NE	48.44	NA	NA	NA	398.62		0.0	*
3Q19	447.26	7/1/2019	NE	47.66	NA	NA	NA	399.60	278.94 - 276.94 (168.32 - 170.32)	0.0	*
4Q19		10/2/2019	NE	45.60	NA	NA	NA	401.66		0.0	*
1Q20		1/2/2020	NE	44.59	NA	NA	NA	402.67		0.1	*
2Q20		4/1/2020	NE	43.77	NA	NA	NA	403.49		0.8	*
3Q20		7/6/2020	NE	42.20	NA	NA	NA	405.06		0.0	*
4Q20		10/6/2020	NE	41.54	NA	NA	NA	405.72		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 92A											
1Q18	446.24	1/3/2018	42.91	42.94	403.30	403.33	0.03	403.32	398.67 - 383.67 (47.57 - 62.57)	119	*
2Q18		4/4/2018	44.83	44.84	401.40	401.41	0.01	401.41		31.5	*
3Q18		7/3/2018	NE	45.69	NA	NA	NA	400.55		4.0	*
4Q18		10/2/2018	46.04	46.06	400.18	400.20	0.02	400.20		33.8	*
1Q19		1/2/2019	46.39	46.41	399.83	399.85	0.02	399.85		640	*
2Q19		4/1/2019	46.10	46.11	400.13	400.14	0.01	400.14		232	*
3Q19	446.39	7/1/2019	44.54	44.56	401.83	401.85	0.02	401.85	398.82 - 383.82 (47.57 - 62.57)	36.4	*
4Q19		10/2/2019	42.50	42.51	403.88	403.89	0.01	403.89		11.1	*
1Q20		1/2/2020	42.13	42.14	404.25	404.26	0.01	404.26		26.0	*
2Q20		4/2/2020	41.58	41.60	404.79	404.81	0.02	404.81		32.3	*
3Q20		7/7/2020	40.21	40.22	406.17	406.18	0.01	406.18		61.8	*
4Q20		10/6/2020	39.67	39.68	406.71	406.72	0.01	406.72		84.4	*
P 92B											
1Q18	446.18	1/3/2018	NE	42.89	NA	NA	NA	403.29	372.53 - 370.53 (73.65 - 75.65)	0.2	*
2Q18		4/4/2018	NE	44.79	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.65	NA	NA	NA	400.53		0.5	*
4Q18		10/2/2018	NE	46.01	NA	NA	NA	400.17		0.1	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.84		0.0	*
2Q19		4/1/2019	NE	46.06	NA	NA	NA	400.12	371.77 - 369.77 (74.41 - 76.41)	1.9	*
3Q19	446.33	7/1/2019	NE	44.53	NA	NA	NA	401.80	371.92 - 369.92 (74.41 - 76.41)	0.3	*
4Q19		10/2/2019	NE	42.46	NA	NA	NA	403.87		0.0	*
1Q20		1/2/2020	NE	42.09	NA	NA	NA	404.24		0.0	*
2Q20		4/2/2020	NE	41.54	NA	NA	NA	404.79		0.9	*
3Q20		7/7/2020	NE	40.15	NA	NA	NA	406.18		0.0	*
4Q20		10/6/2020	NE	39.63	NA	NA	NA	406.70		0.3	*
P 92C											
1Q18	446.17	1/3/2018	NE	42.88	NA	NA	NA	403.29	353.21 - 348.21 (92.96 - 97.96)	1.2	*
2Q18		4/4/2018	NE	44.76	NA	NA	NA	401.41		0.0	*
3Q18		7/3/2018	NE	45.60	NA	NA	NA	400.57		0.3	*
4Q18		10/2/2018	NE	45.97	NA	NA	NA	400.20		2.5	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.83		83.1	*
2Q19		4/1/2019	NE	46.03	NA	NA	NA	400.14		22.6	*
3Q19	446.34	7/1/2019	NE	44.51	NA	NA	NA	401.83	353.38 - 348.38 (92.96 - 97.96)	4.0	*
4Q19		10/2/2019	NE	42.45	NA	NA	NA	403.89		0.0	*
1Q20		1/2/2020	NE	42.10	NA	NA	NA	404.24		0.1	*
2Q20		4/2/2020	NE	41.53	NA	NA	NA	404.81		12.8	*
3Q20		7/7/2020	NE	40.15	NA	NA	NA	406.19		2.8	*
4Q20		10/6/2020	NE	39.60	NA	NA	NA	406.74		1.3	*
P 92D											
1Q18	446.00	1/3/2018	NE	42.70	NA	NA	NA	403.30	305.00 - 303.00 (141.00 - 143.00)	0.2	*
2Q18		4/4/2018	NE	44.61	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.50	NA	NA	NA	400.50		0.0	*
4Q18		10/2/2018	NE	45.88	NA	NA	NA	400.12		0.1	*
1Q19		1/2/2019	NE	46.24	NA	NA	NA	399.76		0.0	*
2Q19		4/1/2019	NE	45.94	NA	NA	NA	400.06		0.2	*
3Q19	446.15	7/1/2019	NE	44.45	NA	NA	NA	401.70	305.15 - 303.15 (141.00 - 143.00)	0.0	*
4Q19		10/2/2019	NE	42.35	NA	NA	NA	403.80		0.0	*
1Q20		1/2/2020	NE	41.98	NA	NA	NA	404.17		0.0	*
2Q20		4/2/2020	NE	41.43	NA	NA	NA	404.72		2.7	*
3Q20		7/7/2020	NE	40.03	NA	NA	NA	406.12		0.1	*
4Q20		10/6/2020	NE	39.46	NA	NA	NA	406.69		0.0	*
P 93A											
1Q18	445.12	1/4/2018	NE	42.79	NA	NA	NA	402.33	402.05 - 392.05 (43.07 - 53.07)	12.8	*
2Q18		4/2/2018	NE	43.58	NA	NA	NA	401.54		21.1	
3Q18		7/2/2018	NE	44.03	NA	NA	NA	401.09		0.0	
4Q18		10/2/2018	NE	43.98	NA	NA	NA	401.14		0.0	
1Q19		1/2/2019	NE	43.83	NA	NA	NA	401.29		0.0	
2Q19		4/1/2019	NE	43.61	NA	NA	NA	401.51		0.3	
3Q19	445.37	7/1/2019	NE	39.40	NA	NA	NA	405.97	402.30 - 392.30 (43.07 - 53.07)	0.0	*
4Q19		10/1/2019	NE	38.34	NA	NA	NA	407.03		1.7	*
1Q20		1/2/2020	NE	39.77	NA	NA	NA	405.60		3.4	*
2Q20		4/1/2020	NE	39.60	NA	NA	NA	405.77		7.3	*
3Q20		7/6/2020	NE	38.41	NA	NA	NA	406.96		2.2	*
4Q20		10/5/2020	NE	38.80	NA	NA	NA	406.57		36.4	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 93B											
1Q18	446.52	1/3/2018	NE	44.25	NA	NA	NA	402.27	371.92 - 369.92 (74.60 - 76.60)	0.0	*
2Q18		4/2/2018	NE	44.94	NA	NA	NA	401.58	371.64 - 369.64 (74.88 - 76.88)	0.0	*
3Q18		7/2/2018	NE	45.60	NA	NA	NA	400.92		0.5	*
4Q18		10/2/2018	NE	45.36	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.19	NA	NA	NA	401.33		12.5	*
2Q19		4/1/2019	NE	44.99	NA	NA	NA	401.53	371.74 - 369.74 (74.78 - 76.78)	0.0	*
3Q19	446.70	7/1/2019	NE	40.31	NA	NA	NA	406.39	371.92 - 369.92 (74.78 - 76.78)	0.1	*
4Q19		10/1/2019	NE	39.67	NA	NA	NA	407.03		0.1	*
1Q20		1/2/2020	NE	41.12	NA	NA	NA	405.58		0.0	*
2Q20		4/1/2020	NE	40.97	NA	NA	NA	405.73		0.0	*
3Q20		7/6/2020	NE	39.74	NA	NA	NA	406.96		0.2	*
4Q20		10/5/2020	NE	40.21	NA	NA	NA	406.49		3.1	*
P 93C											
1Q18	446.28	1/3/2018	NE	43.77	NA	NA	NA	402.51	353.81 - 348.81 (92.47 - 97.47)	0.3	*
2Q18		4/2/2018	NE	44.78	NA	NA	NA	401.50	353.40 - 348.40 (92.88 - 97.88)	0.0	*
3Q18		7/2/2018	NE	45.28	NA	NA	NA	401.00		0.0	*
4Q18		10/2/2018	NE	45.19	NA	NA	NA	401.09		0.0	*
1Q19		1/2/2019	NE	45.02	NA	NA	NA	401.26		0.0	*
2Q19		4/1/2019	NE	44.81	NA	NA	NA	401.47		0.0	*
3Q19	446.55	7/1/2019	NE	40.59	NA	NA	NA	405.96	353.67 - 348.67 (92.88 - 97.88)	0.0	*
4Q19		10/1/2019	NE	39.51	NA	NA	NA	407.04		0.0	*
1Q20		1/2/2020	NE	40.96	NA	NA	NA	405.59		0.0	*
2Q20		4/1/2020	NE	40.80	NA	NA	NA	405.75		0.0	*
3Q20		7/6/2020	NE	39.60	NA	NA	NA	406.95		0.3	*
4Q20		10/5/2020	NE	40.05	NA	NA	NA	406.50		0.1	*
P 93D											
1Q18	446.73	1/3/2018	NE	44.19	NA	NA	NA	402.54	320.98 - 318.98 (125.75 - 127.75)	0.0	*
2Q18		4/2/2018	NE	45.12	NA	NA	NA	401.61		0.0	*
3Q18		7/2/2018	NE	45.67	NA	NA	NA	401.06		0.0	*
4Q18		10/2/2018	NE	45.57	NA	NA	NA	401.16		0.0	*
1Q19		1/2/2019	NE	45.36	NA	NA	NA	401.37		0.0	*
2Q19		4/1/2019	NE	45.18	NA	NA	NA	401.55		0.0	*
3Q19	446.97	7/1/2019	NE	40.97	NA	NA	NA	406.00	321.22 - 319.22 (125.75 - 127.75)	0.0	*
4Q19		10/1/2019	NE	39.87	NA	NA	NA	407.10		0.0	*
1Q20		1/2/2020	NE	41.32	NA	NA	NA	405.65		0.0	*
2Q20		4/1/2020	NE	41.15	NA	NA	NA	405.82	321.31 - 319.31 (125.66 - 127.66)	0.0	*
3Q20		7/6/2020	NE	39.99	NA	NA	NA	406.98		0.2	*
4Q20		10/5/2020	NE	40.45	NA	NA	NA	406.52		0.6	*
P 94											
1Q18	445.14	1/3/2018	NE	35.80	NA	NA	NA	409.34	399.29 - 384.29 (45.85 - 60.85)	0.0	*
2Q18		4/2/2018	NE	37.09	NA	NA	NA	408.05	398.90 - 383.90 (46.24 - 61.24)	0.0	*
3Q18		7/2/2018	NE	37.80	NA	NA	NA	407.34		0.0	*
4Q18		10/1/2018	NE	38.36	NA	NA	NA	406.78		0.0	*
1Q19		1/2/2019	NE	39.49	NA	NA	NA	405.65		0.0	*
2Q19		4/2/2019	NE	39.18	NA	NA	NA	405.96		0.0	*
3Q19	445.04	7/1/2019	NE	37.01	NA	NA	NA	408.03	398.80 - 383.80 (46.24 - 61.24)	0.0	*
4Q19		10/2/2019	NE	36.86	NA	NA	NA	408.18		0.0	*
1Q20		1/2/2020	NE	36.10	NA	NA	NA	408.94		0.0	*
2Q20		4/2/2020	NE	34.53	NA	NA	NA	410.51		0.0	*
3Q20		7/7/2020	NE	32.99	NA	NA	NA	412.05		0.3	*
4Q20		10/6/2020	NE	32.28	NA	NA	NA	412.76		0.0	*
P 95											
1Q18	443.42	1/4/2018	NE	30.53	NA	NA	NA	412.89	406.90 - 391.90 (36.52 - 51.52)	0.0	*
2Q18		4/4/2018	NE	32.02	NA	NA	NA	411.40		0.0	*
3Q18		7/2/2018	NE	31.87	NA	NA	NA	411.55		0.0	*
4Q18		10/3/2018	NE	32.03	NA	NA	NA	411.39		0.1	*
1Q19		1/4/2019	NE	32.63	NA	NA	NA	410.79		0.0	*
2Q19		4/2/2019	NE	32.49	NA	NA	NA	410.93		0.0	*
3Q19	443.95	7/2/2019	NE	30.02	NA	NA	NA	413.93	407.43 - 392.43 (36.52 - 51.52)	0.0	*
4Q19		10/2/2019	NE	28.89	NA	NA	NA	415.06		0.0	*
1Q20		1/3/2020	NE	29.17	NA	NA	NA	414.78		0.0	*
2Q20		4/3/2020	NE	28.24	NA	NA	NA	415.71		0.0	*
3Q20		7/7/2020	NE	27.21	NA	NA	NA	416.74		0.0	*
4Q20		10/7/2020	NE	27.09	NA	NA	NA	416.86		0.0	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 102											
1Q18	444.97	1/4/2018	NE	33.41	NA	NA	NA	411.56	402.22 - 382.22 (42.75 - 62.75)	363	*
2Q18		4/4/2018	NE	35.06	NA	NA	NA	409.91		0.2	*
3Q18		7/2/2018	NE	35.09	NA	NA	NA	409.88		0.0	*
4Q18		10/3/2018	NE	35.32	NA	NA	NA	409.65		6.3	*
1Q19		1/4/2019	NE	36.10	NA	NA	NA	408.87		0.2	*
2Q19		4/2/2019	NE	36.06	NA	NA	NA	408.91		0.0	*
3Q19	445.14	7/2/2019	NE	34.23	NA	NA	NA	410.91	402.39 - 382.39 (42.75 - 62.75)	0.5	*
4Q19		10/2/2019	NE	32.95	NA	NA	NA	412.19		0.1	*
1Q20		1/3/2020	NE	32.88	NA	NA	NA	412.26		0.5	*
2Q20		4/3/2020	NE	31.82	NA	NA	NA	413.32		0.5	*
3Q20		7/7/2020	NE	30.62	NA	NA	NA	414.52		0.0	*
4Q20		10/7/2020	NE	30.15	NA	NA	NA	414.99		22.6	*
P 114R											
1Q18	429.26	1/3/2018	NE	26.16	NA	NA	NA	403.10	406.25 - 396.25 (23.01 - 33.01)	9.0	
2Q18		4/9/2018	NE	26.76	NA	NA	NA	402.50		0.1	
3Q18		7/2/2018	NE	26.50	NA	NA	NA	402.76		0.0	
4Q18		10/2/2018	NE	26.26	NA	NA	NA	403.00		0.0	
1Q19		1/3/2019	NE	26.02	NA	NA	NA	403.24		38.7	
2Q19		4/2/2019	NE	25.47	NA	NA	NA	403.79		132	
3Q19	429.48	7/1/2019	NE	19.67	NA	NA	NA	409.81	406.47 - 396.47 (23.01 - 33.01)	1.5	*
4Q19		10/2/2019	NE	20.49	NA	NA	NA	408.99		0.0	*
1Q20		1/2/2020	NE	21.85	NA	NA	NA	407.63		0.0	*
2Q20		4/3/2020	NE	21.72	NA	NA	NA	407.76		0.0	*
3Q20		7/7/2020	NE	20.49	NA	NA	NA	408.99		0.1	*
4Q20		10/6/2020	NE	22.11	NA	NA	NA	407.37		0.0	*
P 115											
1Q18	433.36	1/3/2018	NE	30.22	NA	NA	NA	403.14	401.06 - 381.06 (32.30 - 52.30)	0.0	*
2Q18		4/4/2018	NE	31.03	NA	NA	NA	402.33		0.0	*
3Q18		7/2/2018	NE	30.38	NA	NA	NA	402.98		0.0	*
4Q18		10/2/2018	NE	30.07	NA	NA	NA	403.29		0.0	*
1Q19		1/3/2019	NE	29.83	NA	NA	NA	403.53		0.0	*
2Q19		4/2/2019	NE	29.08	NA	NA	NA	404.28		0.0	*
3Q19	433.54	7/1/2019	NE	23.18	NA	NA	NA	410.36	401.24 - 381.24 (32.30 - 52.30)	0.0	*
4Q19		10/2/2019	NE	24.34	NA	NA	NA	409.20		0.0	*
1Q20		1/3/2020	NE	22.02	NA	NA	NA	411.52		0.0	* Gauging results anomalous
2Q20		4/3/2020	NE	25.46	NA	NA	NA	408.08		0.0	*
3Q20		7/7/2020	NE	24.28	NA	NA	NA	409.26		0.1	*
4Q20		10/6/2020	NE	26.13	NA	NA	NA	407.41		0.0	*
P 116											
1Q18	436.63	1/3/2018	NE	33.69	NA	NA	NA	402.94	399.19 - 379.19 (37.44 - 57.44)	0.0	*
2Q18		4/4/2018	NE	34.47	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	33.74	NA	NA	NA	402.89		0.0	*
4Q18		10/2/2018	NE	33.38	NA	NA	NA	403.25		0.0	*
1Q19		1/3/2019	NE	33.18	NA	NA	NA	403.45		0.1	*
2Q19		4/3/2019	NE	32.53	NA	NA	NA	404.10		0.0	*
3Q19	436.79	7/1/2019	NE	26.27	NA	NA	NA	410.52	399.35 - 379.35 (37.44 - 57.44)	0.0	*
4Q19		10/2/2019	NE	27.66	NA	NA	NA	409.13		0.0	*
1Q20		1/2/2020	NE	29.10	NA	NA	NA	407.69		0.1	*
2Q20		4/3/2020	NE	28.80	NA	NA	NA	407.99		0.0	*
3Q20		7/7/2020	NE	27.61	NA	NA	NA	409.18		0.0	*
4Q20		10/6/2020	NE	29.81	NA	NA	NA	406.98		0.0	*
P 117											
1Q18	432.71	1/3/2018	NE	29.90	NA	NA	NA	402.81	399.78 - 379.78 (32.93 - 52.93)	0.0	*
2Q18		4/4/2018	NE	30.68	NA	NA	NA	402.03		0.0	*
3Q18		7/2/2018	NE	29.92	NA	NA	NA	402.79		0.0	*
4Q18		10/2/2018	NE	29.56	NA	NA	NA	403.15		0.0	*
1Q19		1/3/2019	NE	29.37	NA	NA	NA	403.34		0.4	*
2Q19		4/2/2019	NE	28.45	NA	NA	NA	404.26		0.0	*
3Q19	432.87	7/1/2019	NE	22.26	NA	NA	NA	410.61	399.94 - 379.94 (32.93 - 52.93)	0.0	*
4Q19		10/2/2019	NE	23.79	NA	NA	NA	409.08		0.0	*
1Q20		1/2/2020	NE	25.26	NA	NA	NA	407.61		0.0	*
2Q20		4/3/2020	NE	24.98	NA	NA	NA	407.89		0.0	*
3Q20		7/7/2020	NE	23.75	NA	NA	NA	409.12		0.0	*
4Q20		10/6/2020	NE	25.82	NA	NA	NA	407.05		0.0	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 118											
1Q18	431.31	1/3/2018	NE	28.99	NA	NA	NA	402.32	400.19 - 384.26 (31.12 - 47.05)	0.0	*
2Q18		4/4/2018	NE	29.57	NA	NA	NA	401.74		0.0	*
3Q18		7/2/2018	NE	28.63	NA	NA	NA	402.68		0.0	*
4Q18		10/3/2018	NE	28.11	NA	NA	NA	403.20		0.0	*
1Q19		1/3/2019	NE	28.03	NA	NA	NA	403.28		0.3	*
2Q19		4/3/2019	NE	26.92	NA	NA	NA	404.39		0.0	*
3Q19	431.48	7/1/2019	NE	20.11	NA	NA	NA	411.37	400.36 - 384.43 (31.12 - 47.05)	0.0	*
4Q19		10/2/2019	NE	22.37	NA	NA	NA	409.11		0.0	*
1Q20		1/2/2020	NE	23.99	NA	NA	NA	407.49		0.0	*
2Q20		4/3/2020	NE	23.53	NA	NA	NA	407.95		0.0	*
3Q20		7/7/2020	NE	22.37	NA	NA	NA	409.11		0.0	*
4Q20		10/6/2020	NE	24.89	NA	NA	NA	406.59		0.0	*
P 119											
1Q18	431.90	1/3/2018	NE	28.27	NA	NA	NA	403.63	401.23 - 385.30 (30.67 - 46.60)	0.0	*
2Q18		4/4/2018	NE	29.24	NA	NA	NA	402.66		0.0	*
3Q18		7/2/2018	NE	29.03	NA	NA	NA	402.87		0.0	*
4Q18		10/2/2018	NE	28.88	NA	NA	NA	403.02		0.0	*
1Q19		1/3/2019	NE	28.62	NA	NA	NA	403.28		0.5	*
2Q19		4/3/2019	NE	28.33	NA	NA	NA	403.57		0.0	*
3Q19	432.11	7/1/2019	NE	23.32	NA	NA	NA	408.79	401.44 - 385.51 (30.67 - 46.60)	0.0	*
4Q19		10/2/2019	NE	23.37	NA	NA	NA	408.74		0.0	*
1Q20		1/3/2020	NE	24.75	NA	NA	NA	407.36		0.0	*
2Q20		4/3/2020	NE	24.34	NA	NA	NA	407.77		0.0	*
3Q20		7/7/2020	NE	23.24	NA	NA	NA	408.87		0.0	*
4Q20		10/6/2020	NE	24.36	NA	NA	NA	407.75		0.0	*
P 120											
1Q18	432.82	1/3/2018	NE	28.69	NA	NA	NA	404.13	401.44 - 385.51 (31.38 - 47.31)	0.0	*
2Q18		4/4/2018	NE	29.48	NA	NA	NA	403.34		0.0	*
3Q18		7/2/2018	NE	29.04	NA	NA	NA	403.78		0.0	*
4Q18		10/2/2018	NE	28.90	NA	NA	NA	403.92		0.0	*
1Q19		1/3/2019	NE	28.65	NA	NA	NA	404.17		0.3	*
2Q19		4/2/2019	NE	27.96	NA	NA	NA	404.86		0.0	*
3Q19	433.00	7/1/2019	NE	22.74	NA	NA	NA	410.26	401.62 - 385.69 (31.38 - 47.31)	0.0	*
4Q19		10/2/2019	NE	23.40	NA	NA	NA	409.60		0.0	*
1Q20		1/3/2020	NE	24.93	NA	NA	NA	408.07		0.0	*
2Q20		4/3/2020	NE	24.21	NA	NA	NA	408.79		0.0	*
3Q20		7/7/2020	NE	23.15	NA	NA	NA	409.85		0.0	*
4Q20		10/6/2020	NE	24.75	NA	NA	NA	408.25		0.0	*
P 129											
1Q18	432.43	1/3/2018	NE	31.67	NA	NA	NA	400.76	400.46 - 384.53 (31.97 - 47.90)	0.0	*
2Q18		4/4/2018	NE	31.58	NA	NA	NA	400.85		0.0	*
3Q18		7/3/2018	NE	29.91	NA	NA	NA	402.52		0.0	*
4Q18		10/2/2018	NE	29.62	NA	NA	NA	402.81		0.0	*
1Q19		1/3/2019	NE	29.58	NA	NA	NA	402.85		0.1	*
2Q19		4/2/2019	NE	26.90	NA	NA	NA	405.53		0.0	*
3Q19	432.66	7/8/2019	NE	19.55	NA	NA	NA	413.11	400.69 - 384.76 (31.97 - 47.90)	0.0	*
4Q19		10/2/2019	NE	23.75	NA	NA	NA	408.91		0.0	*
1Q20		1/2/2020	NE	25.92	NA	NA	NA	406.74		0.0	*
2Q20		4/3/2020	NE	24.80	NA	NA	NA	407.86		0.0	*
3Q20		7/7/2020	NE	23.89	NA	NA	NA	408.77		0.0	*
4Q20		10/6/2020	NE	27.53	NA	NA	NA	405.13		0.0	*
ROST 3 MW											
1Q18	442.29	1/3/2018	NE	38.80	NA	NA	NA	403.49	404.48 - 394.48 (37.81 - 47.81)	296	
2Q18		4/2/2018	NE	39.89	NA	NA	NA	402.40		1.3	
3Q18		7/2/2018	NE	40.72	NA	NA	NA	401.57		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	401.51		0.0	
1Q19		1/3/2019	NE	40.61	NA	NA	NA	401.68		0.0	
2Q19		4/1/2019	NE	40.68	NA	NA	NA	401.61		0.0	
3Q19	442.52	7/1/2019	NE	36.84	NA	NA	NA	405.68	404.71 - 394.71 (37.81 - 47.81)	134	*
4Q19		10/1/2019	NE	35.46	NA	NA	NA	407.06		50.1	*
1Q20		1/2/2020	NE	36.41	NA	NA	NA	406.11		227	*
2Q20		4/1/2020	NE	36.16	NA	NA	NA	406.36		1.1	*
3Q20		7/6/2020	NE	35.03	NA	NA	NA	407.49		14.9	*
4Q20		10/5/2020	NE	35.15	NA	NA	NA	407.37		0.5	*

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WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ											
1Q18	442.13	1/2/2018	NE	37.88	NA	NA	NA	404.25	407.20 - 397.20 (34.93 - 44.93)	60.7	
2Q18		4/2/2018	NE	39.15	NA	NA	NA	402.98		0.0	
3Q18		7/2/2018	NE	39.77	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.81	NA	NA	NA	402.32		0.0	
1Q19		1/2/2019	NE	39.72	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	40.00	NA	NA	NA	402.13		0.0	
3Q19	442.15	7/1/2019	NE	37.35	NA	NA	NA	404.80	407.22 - 397.22 (34.93 - 44.93)	0.0	
4Q19		10/1/2019	NE	35.10	NA	NA	NA	407.05		31.4	
1Q20		1/2/2020	NE	35.93	NA	NA	NA	406.22		11.2	
2Q20		4/1/2020	NE	35.92	NA	NA	NA	406.23		0.1	
3Q20		7/6/2020	NE	34.79	NA	NA	NA	407.36		115	*
4Q20		10/5/2020	NE	34.49	NA	NA	NA	407.66		83.9	*
ROST 4 PZ(A)											
1Q18	442.11	1/2/2018	NE	37.16	NA	NA	NA	404.95	407.34 - 397.34 (34.77 - 44.77)	1.3	
2Q18		4/2/2018	NE	38.53	NA	NA	NA	403.58		0.0	
3Q18		7/2/2018	NE	39.59	NA	NA	NA	402.52		0.0	
4Q18		10/2/2018	NE	39.67	NA	NA	NA	402.44		0.0	
1Q19		1/2/2019	NE	39.53	NA	NA	NA	402.58		0.0	
2Q19		4/1/2019	NE	40.05	NA	NA	NA	402.06		0.0	
3Q19	442.15	7/1/2019	NE	36.34	NA	NA	NA	405.81	407.38 - 397.38 (34.77 - 44.77)	0.0	
4Q19		10/1/2019	NE	34.38	NA	NA	NA	407.77		6.0	*
1Q20		1/2/2020	NE	35.20	NA	NA	NA	406.95		0.0	
2Q20		4/1/2020	NE	35.24	NA	NA	NA	406.91		0.0	
3Q20		7/6/2020	NE	34.10	NA	NA	NA	408.05		0.0	*
4Q20		10/5/2020	NE	33.66	NA	NA	NA	408.49		0.2	*
ROST 4 PZ(B)											
1Q18	442.38	1/2/2018	NE	37.85	NA	NA	NA	404.53	407.33 - 397.33 (35.05 - 45.05)	0.9	
2Q18		4/2/2018	NE	39.30	NA	NA	NA	403.08		0.0	
3Q18		7/2/2018	NE	40.02	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.82	NA	NA	NA	402.56		0.0	
1Q19		1/2/2019	NE	39.86	NA	NA	NA	402.52		0.0	
2Q19		4/1/2019	NE	40.18	NA	NA	NA	402.20		0.0	
3Q19	442.40	7/1/2019	NE	37.26	NA	NA	NA	405.14	407.35 - 397.35 (35.05 - 45.05)	0.0	
4Q19		10/1/2019	NE	35.09	NA	NA	NA	407.31		0.0	
1Q20		1/2/2020	NE	35.91	NA	NA	NA	406.49		0.0	
2Q20		4/1/2020	NE	35.94	NA	NA	NA	406.46		0.0	
3Q20		7/6/2020	NE	34.78	NA	NA	NA	407.62		0.0	*
4Q20		10/5/2020	NE	34.39	NA	NA	NA	408.01		0.0	*
ROST 4 PZ(C)											
1Q18	442.66	1/2/2018	NE	38.75	NA	NA	NA	403.91	407.71 - 397.71 (34.95 - 44.95)	30.9	
2Q18		4/2/2018	NE	39.98	NA	NA	NA	402.68		0.0	
3Q18		7/2/2018	NE	40.88	NA	NA	NA	401.78		0.0	
4Q18		10/1/2018	NE	40.93	NA	NA	NA	401.73		0.0	
1Q19		1/3/2019	NE	40.78	NA	NA	NA	401.88		0.0	
2Q19		4/1/2019	NE	41.04	NA	NA	NA	401.62		0.0	
3Q19	442.97	7/1/2019	NE	38.14	NA	NA	NA	404.83	408.02 - 398.02 (34.95 - 44.95)	0.0	
4Q19		10/1/2019	NE	35.92	NA	NA	NA	407.05		0.0	
1Q20		1/2/2020	NE	36.77	NA	NA	NA	406.20		0.1	
2Q20		4/1/2020	NE	36.75	NA	NA	NA	406.22		0.0	
3Q20		7/6/2020	NE	35.55	NA	NA	NA	407.42		0.0	
4Q20		10/5/2020	NE	35.37	NA	NA	NA	407.60		120	
ROST 4 PZ(D)											
1Q18	442.98	1/2/2018	NE	38.63	NA	NA	NA	404.35	408.01 - 398.01 (34.97 - 44.97)	0.0	
2Q18		4/2/2018	NE	39.82	NA	NA	NA	403.16		0.0	
3Q18		7/2/2018	NE	40.77	NA	NA	NA	402.21		0.0	
4Q18		10/1/2018	NE	40.23	NA	NA	NA	402.75		0.0	
1Q19		1/3/2019	NE	40.65	NA	NA	NA	402.33		0.0	
2Q19		4/1/2019	NE	40.88	NA	NA	NA	402.10		0.0	
3Q19	442.92	7/1/2019	NE	37.98	NA	NA	NA	404.94	407.95 - 397.95 (34.97 - 44.97)	0.0	
4Q19		10/1/2019	NE	35.80	NA	NA	NA	407.12		2.0	
1Q20		1/2/2020	NE	36.66	NA	NA	NA	406.26		3.8	
2Q20		4/1/2020	NE	36.61	NA	NA	NA	406.31		0.1	
3Q20		7/6/2020	NE	35.51	NA	NA	NA	407.41		29.5	
4Q20		10/5/2020	NE	35.20	NA	NA	NA	407.72		77.3	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
ROST 4 PZ(E)											
1Q18	441.96	1/2/2018	NE	37.85	NA	NA	NA	404.11	407.21 - 397.21 (34.75 - 44.75)	11.1	
2Q18		4/3/2018	NE	38.78	NA	NA	NA	403.18		0.0	
3Q18		7/2/2018	NE	39.54	NA	NA	NA	402.42		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.37		0.0	
1Q19		1/2/2019	NE	39.48	NA	NA	NA	402.48		0.0	
2Q19		4/1/2019	NE	39.72	NA	NA	NA	402.24		0.0	
3Q19	441.98	7/1/2019	NE	37.18	NA	NA	NA	404.80	407.23 - 397.23 (34.75 - 44.75)	0.0	
4Q19		10/1/2019	NE	35.09	NA	NA	NA	406.89		35.5	
1Q20		1/2/2020	NE	35.88	NA	NA	NA	406.10		0.0	
2Q20		4/1/2020	NE	35.89	NA	NA	NA	406.09		0.0	
3Q20		7/6/2020	NE	34.78	NA	NA	NA	407.20		79.9	
4Q20		10/5/2020	NE	34.50	NA	NA	NA	407.48		87.1	*
ROST 4 PZ(F)											
1Q18	442.12	1/2/2018	NE	38.07	NA	NA	NA	404.05	407.59 - 397.59 (34.53 - 44.53)	0.7	
2Q18		4/3/2018	NE	38.97	NA	NA	NA	403.15		0.0	
3Q18		7/2/2018	NE	39.57	NA	NA	NA	402.55		0.0	
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.53		0.0	
1Q19		1/2/2019	NE	39.51	NA	NA	NA	402.61		0.0	
2Q19		4/1/2019	NE	39.75	NA	NA	NA	402.37		0.0	
3Q19		7/1/2019	NE	37.32	NA	NA	NA	404.80		0.0	
4Q19		10/1/2019	NE	35.29	NA	NA	NA	406.83		0.0	
1Q20		1/2/2020	NE	36.22	NA	NA	NA	405.90		4.7	
2Q20		4/1/2020	NE	36.12	NA	NA	NA	406.00		0.0	
3Q20		7/6/2020	NE	35.02	NA	NA	NA	407.10		1.3	
4Q20		10/5/2020	NE	34.71	NA	NA	NA	407.41		79.3	
ROST 4 PZ(G)											
1Q18	442.13	1/2/2018	NE	38.97	NA	NA	NA	403.16	407.85 - 397.85 (34.28 - 44.28)	77.4	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	402.29		0.2	
3Q18		7/2/2018	NE	40.87	NA	NA	NA	401.26		0.0	
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.19		0.0	
1Q19		1/3/2019	NE	40.74	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	40.78	NA	NA	NA	401.35		0.0	
3Q19	442.20	7/1/2019	NE	37.00	NA	NA	NA	405.20	407.92 - 397.92 (34.28 - 44.28)	0.0	
4Q19		10/1/2019	NE	35.57	NA	NA	NA	406.63		0.0	
1Q20		1/2/2020	NE	36.67	NA	NA	NA	405.53		87.2	
2Q20		4/1/2020	NE	36.07	NA	NA	NA	406.13		9.0	
3Q20		7/6/2020	NE	35.16	NA	NA	NA	407.04		27.0	
4Q20		10/5/2020	NE	35.25	NA	NA	NA	406.95		71.9	
S 1											
1Q18	443.90	1/3/2018	40.78	40.85	403.05	403.12	0.07	403.11	Unknown	185	
2Q18		4/4/2018	42.44	42.50	401.40	401.46	0.06	401.45		191	
3Q18		7/3/2018	42.88	42.95	400.95	401.02	0.07	401.01		168	
4Q18		10/2/2018	42.90	43.02	400.88	401.00	0.12	400.98		176	
1Q19		1/3/2019	43.05	43.08	400.82	400.85	0.03	400.84		212	
2Q19		4/1/2019	42.84	42.85	401.05	401.06	0.01	401.06		572	
3Q19	444.06	7/1/2019	40.03	40.05	404.01	404.03	0.02	404.03		184	
4Q19		10/1/2019	38.32	38.33	405.73	405.74	0.01	405.74		187	
1Q20		1/2/2020	38.96	38.98	405.08	405.10	0.02	405.10		129	
2Q20		4/2/2020	38.57	38.58	405.48	405.49	0.01	405.49		160	
3Q20		7/7/2020	37.42	37.43	406.63	406.64	0.01	406.64		113	
4Q20		10/6/2020	37.26	37.28	406.78	406.80	0.02	406.80		175	
T 1											
1Q18	445.40	1/2/2018	NE	41.16	NA	NA	NA	404.24	398.40 - 388.40 (47.00 - 57.00)	8.0	*
2Q18		4/2/2018	NE	42.22	NA	NA	NA	403.18		0.0	*
3Q18		7/2/2018	NE	43.16	NA	NA	NA	402.24		0.0	*
4Q18		10/2/2018	NE	43.33	NA	NA	NA	402.07		0.0	*
1Q19		1/2/2019	NE	43.33	NA	NA	NA	402.07		0.0	*
2Q19		4/1/2019	NE	43.44	NA	NA	NA	401.96		0.0	*
3Q19	445.61	7/1/2019	NE	40.38	NA	NA	NA	405.23	398.61 - 388.61 (47.00 - 57.00)	0.0	*
4Q19		10/1/2019	NE	38.74	NA	NA	NA	406.87		0.0	*
1Q20		1/2/2020	NE	39.17	NA	NA	NA	406.44		0.0	*
2Q20		4/1/2020	NE	38.90	NA	NA	NA	406.71		0.0	*
3Q20		7/6/2020	NE	37.62	NA	NA	NA	407.99		0.0	*
4Q20		10/5/2020	NE	37.56	NA	NA	NA	408.05		0.5	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 2											
1Q18	443.21	1/2/2018	NE	38.82	NA	NA	NA	404.39	392.72 - 372.56 (50.49 - 70.64)	0.0	*
2Q18		4/2/2018	NE	40.07	NA	NA	NA	403.14		0.0	*
3Q18		7/2/2018	NE	41.40	NA	NA	NA	401.81		0.0	*
4Q18		10/1/2018	NE	41.69	NA	NA	NA	401.52		0.0	*
1Q19		1/3/2019	NE	41.83	NA	NA	NA	401.38		0.0	*
2Q19		4/2/2019	NE	41.72	NA	NA	NA	401.49		0.0	*
3Q19	443.40	7/1/2019	NE	39.59	NA	NA	NA	403.81	392.90 - 372.76 (50.49 - 70.64)	0.0	*
4Q19		10/1/2019	NE	37.72	NA	NA	NA	405.68		0.0	*
1Q20		1/2/2020	NE	37.83	NA	NA	NA	405.57		0.0	*
2Q20		4/1/2020	NE	37.30	NA	NA	NA	406.10		0.0	*
3Q20		7/6/2020	NE	35.92	NA	NA	NA	407.48		0.0	*
4Q20		10/6/2020	NE	35.55	NA	NA	NA	407.85		0.0	*
T 3											
1Q18	449.03	1/2/2018	45.43	45.44	403.59	403.60	0.01	403.60	403.81 - 388.81 (45.22 - 60.22)	7.6	
2Q18		4/4/2018	NE	46.94	NA	NA	NA	402.09		0.1	
3Q18		7/2/2018	NE	48.85	NA	NA	NA	400.18		0.0	
4Q18		10/1/2018	NE	49.26	NA	NA	NA	399.77		0.0	
1Q19		1/2/2019	NE	49.53	NA	NA	NA	399.50		4.9	
2Q19		4/2/2019	NE	49.24	NA	NA	NA	399.79		0.0	
3Q19	449.21	7/1/2019	NE	48.00	NA	NA	NA	401.21	403.99 - 388.99 (45.22 - 60.22)	0.0	
4Q19		10/1/2019	NE	45.99	NA	NA	NA	403.22		0.0	
1Q20		1/2/2020	NE	45.34	NA	NA	NA	403.87		0.0	
2Q20		4/1/2020	NE	44.65	NA	NA	NA	404.56		0.0	*
3Q20		7/6/2020	NE	43.06	NA	NA	NA	406.15		0.2	*
4Q20		10/6/2020	NE	42.48	NA	NA	NA	406.73		0.2	*
T 4											
1Q18	446.63	1/4/2018	NE	43.21	NA	NA	NA	403.42	398.32 - 383.32 (48.31 - 63.31)	10.4	*
2Q18		4/4/2018	NE	45.12	NA	NA	NA	401.51		0.0	*
3Q18		7/3/2018	NE	46.96	NA	NA	NA	399.67		0.0	*
4Q18		10/2/2018	NE	47.04	NA	NA	NA	399.59		0.1	*
1Q19		1/2/2019	NE	47.65	NA	NA	NA	398.98		0.0	*
2Q19		4/2/2019	NE	47.14	NA	NA	NA	399.49	396.61 - 381.61 (50.02 - 65.02)	0.0	*
3Q19	446.82	7/1/2019	NE	46.87	NA	NA	NA	399.95	396.80 - 381.80 (50.02 - 65.02)	0.0	*
4Q19		10/2/2019	NE	44.83	NA	NA	NA	401.99		0.0	*
1Q20		1/2/2020	NE	43.47	NA	NA	NA	403.35		0.0	*
2Q20		4/2/2020	NE	42.06	NA	NA	NA	404.76		0.0	*
3Q20		7/8/2020	NE	40.80	NA	NA	NA	406.02		0.1	*
4Q20		10/6/2020	NE	40.07	NA	NA	NA	406.75		0.1	*
T 5											
1Q18	443.47	1/3/2018	NE	39.45	NA	NA	NA	404.02	395.14 - 378.59 (48.33 - 64.88)	3.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at wel - Unable to access
3Q18		7/3/2018	NE	41.59	NA	NA	NA	401.88		2.2	*
4Q18		10/2/2018	NE	41.87	NA	NA	NA	401.60		5.7	*
1Q19		1/3/2019	NE	42.11	NA	NA	NA	401.36		17.7	*
2Q19		4/1/2019	NE	41.84	NA	NA	NA	401.63		4.2	*
3Q19	443.66	7/1/2019	NE	39.64	NA	NA	NA	404.02	395.33 - 378.78 (48.33 - 64.88)	12.0	*
4Q19		10/1/2019	NE	37.75	NA	NA	NA	405.91		5.8	*
1Q20		1/2/2020	NE	37.99	NA	NA	NA	405.67		7.2	*
2Q20		4/3/2020	NE	37.62	NA	NA	NA	406.04		12.8	*
3Q20		7/7/2020	NE	36.35	NA	NA	NA	407.31		54.0	*
4Q20		10/6/2020	NE	36.04	NA	NA	NA	407.62		28.5	*
T 6											
1Q18	446.61	1/2/2018	NE	44.30	NA	NA	NA	402.31	394.85 - 380.60 (51.76 - 66.01)	2.0	*
2Q18		4/3/2018	NE	44.81	NA	NA	NA	401.80		0.7	*
3Q18		7/2/2018	NE	45.61	NA	NA	NA	401.00		0.1	*
4Q18		10/1/2018	NE	45.58	NA	NA	NA	401.03		0.0	*
1Q19		1/2/2019	NE	45.42	NA	NA	NA	401.19		17.1	*
2Q19		4/1/2019	NE	45.24	NA	NA	NA	401.37	394.10 - 379.85 (52.51 - 66.76)	0.0	*
3Q19	446.78	7/1/2019	NE	41.12	NA	NA	NA	405.66	394.27 - 380.02 (52.51 - 66.76)	1.8	*
4Q19		10/1/2019	NE	39.90	NA	NA	NA	406.88		0.1	*
1Q20		1/2/2020	NE	41.29	NA	NA	NA	405.49		2.5	*
2Q20		4/1/2020	NE	41.10	NA	NA	NA	405.68		3.7	*
3Q20		7/6/2020	NE	39.94	NA	NA	NA	406.84		1.3	*
4Q20		10/5/2020	NE	40.28	NA	NA	NA	406.50		2.4	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 7											
1Q18	444.04	1/4/2018	39.98	39.99	404.05	404.06	0.01	404.06	395.32 - 380.32 (48.72 - 63.72)	2.5	*
2Q18		4/4/2018	NE	41.13	NA	NA	NA	402.91		3.5	*
3Q18		7/2/2018	NE	41.17	NA	NA	NA	402.87		0.0	*
4Q18		10/3/2018	NE	41.08	NA	NA	NA	402.96		0.0	*
1Q19		1/4/2019	NE	40.97	NA	NA	NA	403.07		5.8	*
2Q19		4/2/2019	NE	40.78	NA	NA	NA	403.26		59.6	*
3Q19	444.26	7/2/2019	NE	37.14	NA	NA	NA	407.12	395.54 - 380.54 (48.72 - 63.72)	0.6	*
4Q19		10/2/2019	NE	36.23	NA	NA	NA	408.03		0.9	*
1Q20		1/3/2020	NE	37.33	NA	NA	NA	406.93		69.9	*
2Q20		4/3/2020	NE	36.90	NA	NA	NA	407.36		0.9	*
3Q20		7/7/2020	NE	35.81	NA	NA	NA	408.45		1.8	*
4Q20		10/7/2020	NE	36.20	NA	NA	NA	408.06		1.1	*
T 12											
1Q18	444.80	1/3/2018	NE	42.06	NA	NA	NA	402.74	397.97 - 371.97 (46.83 - 72.83)	6.1	*
2Q18		4/2/2018	NE	43.06	NA	NA	NA	401.74		3.8	*
3Q18		7/2/2018	NE	44.21	NA	NA	NA	400.59		0.1	*
4Q18		10/1/2018	NE	44.18	NA	NA	NA	400.62		1.2	*
1Q19		1/2/2019	NE	44.03	NA	NA	NA	400.77		315	*
2Q19		4/1/2019	NE	44.11	NA	NA	NA	400.69		15.1	*
3Q19	444.99	7/1/2019	NE	40.35	NA	NA	NA	404.64	398.16 - 372.16 (46.83 - 72.83)	1.1	*
4Q19		10/1/2019	NE	38.66	NA	NA	NA	406.33		0.8	*
1Q20		1/2/2020	NE	40.04	NA	NA	NA	404.95		2.2	*
2Q20		4/1/2020	NE	39.10	NA	NA	NA	405.89		10.0	*
3Q20		7/6/2020	NE	38.43	NA	NA	NA	406.56		2.5	*
4Q20		10/5/2020	NE	38.26	NA	NA	NA	406.73		1.5	*
T 13											
1Q18	443.96	1/2/2018	NE	38.96	NA	NA	NA	405.00	396.46 - 370.46 (47.50 - 73.50)	3.7	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	404.03	400.15 - 374.15 (43.81 - 69.81)	0.0	*
3Q18		7/2/2018	NE	40.85	NA	NA	NA	403.11		0.0	*
4Q18		10/1/2018	NE	41.24	NA	NA	NA	402.72		0.1	*
1Q19		1/2/2019	NE	41.25	NA	NA	NA	402.71		0.0	*
2Q19		4/1/2019	NE	41.34	NA	NA	NA	402.62		0.0	*
3Q19	443.76	7/1/2019	NE	38.35	NA	NA	NA	405.41	399.95 - 373.95 (43.81 - 69.81)	0.0	*
4Q19		10/1/2019	NE	36.78	NA	NA	NA	406.98		0.1	*
1Q20		1/2/2020	NE	37.14	NA	NA	NA	406.62		0.0	*
2Q20		4/1/2020	NE	36.87	NA	NA	NA	406.89		0.0	*
3Q20		7/6/2020	NE	35.52	NA	NA	NA	408.24		0.1	*
4Q20		10/5/2020	NE	35.52	NA	NA	NA	408.24		0.0	*
T 15											
1Q18	445.14	1/3/2018	NE	40.36	NA	NA	NA	404.78	397.10 - 371.10 (48.04 - 74.04)	0.0	*
2Q18		4/2/2018	41.62	41.71	403.43	403.52	0.09	403.50		0.0	* Gauging result anomalous
		6/8/2018	NE	42.98	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	43.32	NA	NA	NA	401.82		0.0	*
4Q18		10/1/2018	NE	43.53	NA	NA	NA	401.61		0.0	*
1Q19		1/4/2019	NE	43.78	NA	NA	NA	401.36		0.0	*
2Q19		4/2/2019	NE	43.76	NA	NA	NA	401.38	396.74 - 370.74 (48.40 - 74.40)	0.0	*
3Q19	445.35	7/1/2019	NE	42.13	NA	NA	NA	403.22	396.95 - 370.95 (48.40 - 74.40)	0.0	*
4Q19		10/1/2019	NE	40.23	NA	NA	NA	405.12		0.0	*
1Q20		1/2/2020	NE	39.97	NA	NA	NA	405.38		0.0	*
2Q20		4/1/2020	NE	39.25	NA	NA	NA	406.10		0.0	*
3Q20		7/6/2020	NE	37.80	NA	NA	NA	407.55		0.0	*
4Q20		10/6/2020	NE	37.28	NA	NA	NA	408.07		0.0	*
T 17											
1Q18	446.01	1/3/2018	NE	38.74	NA	NA	NA	407.27	401.91 - 375.91 (44.10 - 70.10)	0.8	*
2Q18		4/3/2018	NE	40.01	NA	NA	NA	406.00		0.0	*
3Q18		7/2/2018	NE	41.25	NA	NA	NA	404.76		0.0	*
4Q18		10/1/2018	NE	41.70	NA	NA	NA	404.31		0.0	*
1Q19		1/2/2019	NE	42.66	NA	NA	NA	403.35		0.0	*
2Q19		4/2/2019	NE	42.32	NA	NA	NA	403.69	401.54 - 375.54 (44.47 - 70.47)	0.0	*
3Q19	446.19	7/1/2019	NE	41.39	NA	NA	NA	404.80	401.72 - 375.72 (44.47 - 70.47)	0.0	*
4Q19		10/2/2019	NE	39.98	NA	NA	NA	406.21		0.0	*
1Q20		1/2/2020	NE	39.12	NA	NA	NA	407.07		0.0	*
2Q20		4/2/2020	NE	37.70	NA	NA	NA	408.49		1.0	*
3Q20		7/7/2020	NE	36.15	NA	NA	NA	410.04		0.0	*
4Q20		10/6/2020	NE	35.45	NA	NA	NA	410.74		0.3	*

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HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 19											
1Q18	446.79	1/4/2018	NE	43.34	NA	NA	NA	403.45	396.02 - 370.02 (50.77 - 76.77)	236	*
2Q18		4/4/2018	NE	45.19	NA	NA	NA	401.60		7.6	*
3Q18		7/3/2018	NE	46.77	NA	NA	NA	400.02		11.1	*
4Q18		10/2/2018	NE	46.97	NA	NA	NA	399.82		22.9	*
1Q19		1/2/2019	NE	47.55	NA	NA	NA	399.24		475	*
2Q19		4/2/2019	NE	47.12	NA	NA	NA	399.67		103	*
3Q19	446.99	7/1/2019	NE	46.81	NA	NA	NA	400.18	396.22 - 370.22 (50.77 - 76.77)	0.9	*
4Q19		10/2/2019	NE	44.74	NA	NA	NA	402.25		5.8	*
1Q20		1/2/2020	NE	43.46	NA	NA	NA	403.53		17.7	*
2Q20		4/2/2020	NE	42.14	NA	NA	NA	404.85		13.5	*
3Q20		7/8/2020	NE	40.88	NA	NA	NA	406.11		54.8	*
4Q20		10/6/2020	NE	40.10	NA	NA	NA	406.89		19.2	*
T 21											
1Q18	443.99	1/4/2018	NE	30.74	NA	NA	NA	413.25	412.03 - 386.03 (31.96 - 57.96)	0.0	*
2Q18		4/4/2018	NE	32.13	NA	NA	NA	411.86		0.0	
3Q18		7/2/2018	NE	32.04	NA	NA	NA	411.95		0.0	
4Q18		10/3/2018	NE	32.25	NA	NA	NA	411.74		0.0	
1Q19		1/4/2019	NE	32.96	NA	NA	NA	411.03		0.0	
2Q19		4/2/2019	NE	32.84	NA	NA	NA	411.15		0.0	
3Q19	444.22	7/2/2019	NE	30.50	NA	NA	NA	413.72	412.26 - 386.26 (31.96 - 57.96)	0.0	*
4Q19		10/2/2019	NE	29.31	NA	NA	NA	414.91		0.0	*
1Q20		1/3/2020	NE	29.57	NA	NA	NA	414.65		0.0	*
2Q20		4/3/2020	NE	28.56	NA	NA	NA	415.66		0.0	*
3Q20		7/7/2020	NE	27.48	NA	NA	NA	416.74		0.0	*
4Q20		10/7/2020	NE	27.30	NA	NA	NA	416.92		0.0	*
T 22											
1Q18	442.19	1/4/2018	NE	32.91	NA	NA	NA	409.28	410.64 - 384.94 (31.55 - 57.25)	1.0	
2Q18		4/4/2018	NE	33.96	NA	NA	NA	408.23		0.0	
3Q18		7/2/2018	NE	33.76	NA	NA	NA	408.43		0.0	
4Q18		10/3/2018	NE	33.96	NA	NA	NA	408.23		0.0	
1Q19		1/4/2019	NE	34.06	NA	NA	NA	408.13		0.0	
2Q19		4/2/2019	NE	33.83	NA	NA	NA	408.36		0.0	
3Q19	442.37	7/2/2019	NE	30.31	NA	NA	NA	412.06	410.82 - 385.12 (31.55 - 57.25)	0.0	*
4Q19		10/2/2019	NE	29.90	NA	NA	NA	412.47		0.0	*
1Q20		1/3/2020	NE	30.49	NA	NA	NA	411.88		0.0	*
2Q20		4/3/2020	NE	29.72	NA	NA	NA	412.65		0.0	*
3Q20		7/7/2020	NE	28.73	NA	NA	NA	413.64		0.0	*
4Q20		10/7/2020	NE	29.47	NA	NA	NA	412.90		0.0	*
T 23											
1Q18	432.69	1/3/2018	NE	26.07	NA	NA	NA	406.62	405.46 - 379.46 (27.23 - 53.23)	0.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unable to locate wel due to landscaping
3Q18		7/2/2018	NE	26.63	NA	NA	NA	406.06		0.0	*
4Q18		10/3/2018	NE	26.83	NA	NA	NA	405.86		0.0	*
1Q19		1/4/2019	NE	26.65	NA	NA	NA	406.04		0.0	*
2Q19		4/2/2019	NE	26.26	NA	NA	NA	406.43		0.0	*
3Q19	432.90	7/1/2019	NE	22.41	NA	NA	NA	410.49	405.67 - 379.67 (27.23 - 53.23)	0.0	*
4Q19		10/1/2019	NE	22.19	NA	NA	NA	410.71		0.0	*
1Q20		1/2/2020	NE	23.10	NA	NA	NA	409.80		0.0	*
2Q20		4/2/2020	NE	22.54	NA	NA	NA	410.36		0.0	*
3Q20		7/7/2020	NE	21.43	NA	NA	NA	411.47		0.0	*
4Q20		10/6/2020	NE	22.47	NA	NA	NA	410.43		0.0	*
T 24											
1Q18	443.81	1/2/2018	40.49	40.57	403.24	403.32	0.08	403.30	402.31 - 376.66 (41.50 - 67.15)	7.2	*
2Q18		4/2/2018	41.53	41.62	402.19	402.28	0.09	402.26		0.6	
3Q18		7/2/2018	42.79	42.87	400.94	401.02	0.08	401.00		0.4	
4Q18		10/2/2018	42.79	43.08	400.73	401.02	0.29	400.96		0.4	
1Q19		1/3/2019	42.71	43.54	400.27	401.10	0.83	400.93		31.0	
2Q19		4/1/2019	42.69	44.05	399.76	401.12	1.36	400.85		16.0	
3Q19	444.00	7/1/2019	39.75	40.27	403.73	404.25	0.52	404.15	402.50 - 376.85 (41.50 - 67.15)	12.6	*
4Q19		10/1/2019	38.01	38.34	405.66	405.99	0.33	405.92		0.7	*
1Q20		1/2/2020	38.81	38.95	405.05	405.19	0.14	405.16		14.7	*
2Q20		4/2/2020	38.17	38.20	405.80	405.83	0.03	405.82		1.1	*
3Q20		7/6/2020	37.23	37.25	406.75	406.77	0.02	406.77		1.4	*
4Q20		10/5/2020	37.06	37.11	406.89	406.94	0.05	406.93		11.7	*

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 28											
1Q18	444.43	1/3/2018	NE	38.57	NA	NA	NA	405.86	Unknown	0.0	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	404.59		0.0	
3Q18		7/2/2018	NE	41.39	NA	NA	NA	403.04		0.0	
4Q18		10/1/2018	NE	41.88	NA	NA	NA	402.55		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.88		0.0	
2Q19		4/2/2019	NE	42.26	NA	NA	NA	402.17		0.0	
3Q19	444.56	7/1/2019	NE	41.35	NA	NA	NA	403.21		0.0	
4Q19		10/2/2019	NE	39.72	NA	NA	NA	404.84		0.0	
1Q20		1/2/2020	NE	38.80	NA	NA	NA	405.76		0.0	
2Q20		4/2/2020	NE	37.69	NA	NA	NA	406.87		0.0	
3Q20		7/8/2020	NE	36.08	NA	NA	NA	408.48		0.0	
4Q20		10/6/2020	NE	35.52	NA	NA	NA	409.04		0.0	
T 37											
1Q18	447.25	1/4/2018	NE	39.08	NA	NA	NA	408.17	398.40 - 378.40 (48.85 - 68.85)	0.1	*
2Q18		4/3/2018	NE	40.33	NA	NA	NA	406.92		0.0	*
3Q18		7/3/2018	NE	41.26	NA	NA	NA	405.99		0.0	*
4Q18		10/2/2018	NE	41.59	NA	NA	NA	405.66		0.1	*
1Q19		1/3/2019	NE	42.52	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.25	NA	NA	NA	405.00		0.0	*
3Q19	447.44	7/2/2019	NE	41.46	NA	NA	NA	405.98	398.58 - 378.58 (48.85 - 68.85)	0.0	*
4Q19		10/2/2019	NE	39.97	NA	NA	NA	407.47		0.0	*
1Q20		1/2/2020	NE	39.06	NA	NA	NA	408.38		0.0	*
2Q20		4/3/2020	NE	37.78	NA	NA	NA	409.66		0.0	*
3Q20		7/8/2020	NE	36.46	NA	NA	NA	410.98		0.0	*
4Q20		10/6/2020	NE	35.60	NA	NA	NA	411.84		0.0	*
T 38											
1Q18	445.67	1/4/2018	NE	36.13	NA	NA	NA	409.54	396.53 - 376.53 (49.14 - 69.14)	22.5	*
2Q18		4/3/2018	NE	37.21	NA	NA	NA	408.46		0.0	*
3Q18		7/3/2018	NE	37.95	NA	NA	NA	407.72		0.0	*
4Q18		10/2/2018	NE	38.32	NA	NA	NA	407.35		0.0	*
1Q19		1/3/2019	NE	39.25	NA	NA	NA	406.42		0.0	*
2Q19		4/2/2019	NE	38.99	NA	NA	NA	406.68		0.0	*
3Q19	445.89	7/2/2019	NE	37.60	NA	NA	NA	408.29	396.75 - 376.75 (49.14 - 69.14)	0.0	*
4Q19		10/2/2019	NE	36.31	NA	NA	NA	409.58		0.0	*
1Q20		1/2/2020	NE	35.88	NA	NA	NA	410.01		0.0	*
2Q20		4/3/2020	NE	34.61	NA	NA	NA	411.28		0.0	*
3Q20		7/8/2020	NE	33.26	NA	NA	NA	412.63		0.0	*
4Q20		10/6/2020	NE	32.56	NA	NA	NA	413.33		0.0	*
T 62											
1Q18	431.99	1/3/2018	NE	28.34	NA	NA	NA	403.65	412.28 - 382.28 (19.71 - 49.71)	0.0	
2Q18		4/4/2018	NE	29.20	NA	NA	NA	402.79		0.0	
3Q18		7/2/2018	NE	28.77	NA	NA	NA	403.22		0.0	
4Q18		10/2/2018	NE	28.78	NA	NA	NA	403.21		0.0	
1Q19		1/3/2019	NE	28.30	NA	NA	NA	403.69		0.1	
2Q19		4/2/2019	NE	27.45	NA	NA	NA	404.54		0.0	
3Q19	432.16	7/30/2019	NE	21.97	NA	NA	NA	410.19	412.45 - 382.45 (19.71 - 49.71)	0.1	
4Q19		10/2/2019	NE	22.97	NA	NA	NA	409.19		0.0	
1Q20		1/3/2020	NE	24.47	NA	NA	NA	407.69		0.2	
2Q20		4/3/2020	NE	23.71	NA	NA	NA	408.45		0.0	
3Q20		7/7/2020	NE	22.89	NA	NA	NA	409.27		0.0	
4Q20		10/6/2020	NE	24.37	NA	NA	NA	407.79		0.0	
T 63											
1Q18	431.43	1/3/2018	NE	27.82	NA	NA	NA	403.61	411.45 - 381.45 (19.98 - 49.98)	0.0	
2Q18		4/4/2018	NE	28.86	NA	NA	NA	402.57		0.0	
3Q18		7/2/2018	NE	28.83	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.93	NA	NA	NA	403.50		0.0	
1Q19		1/3/2019	NE	27.42	NA	NA	NA	404.01		0.0	
2Q19		4/2/2019	NE	26.69	NA	NA	NA	404.74		0.0	
3Q19	431.55	7/30/2019	NE	20.84	NA	NA	NA	410.71	411.57 - 381.57 (19.98 - 49.98)	0.0	
4Q19		10/2/2019	NE	22.20	NA	NA	NA	409.35		0.0	
1Q20		1/3/2020	NE	23.70	NA	NA	NA	407.85		0.0	
2Q20		4/3/2020	NE	23.13	NA	NA	NA	408.42		0.0	
3Q20		7/7/2020	NE	22.10	NA	NA	NA	409.45		0.1	
4Q20		10/6/2020	NE	24.00	NA	NA	NA	407.55		0.1	

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TABLE 1
HISTORICAL GROUNDWATER MONITORING WELL GAUGING RESULTS

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
T 64											
1Q18	428.93	1/3/2018	NE	26.04	NA	NA	NA	402.89	409.12 - 379.12 (19.81 - 49.81)	0.0	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	NE	25.63	NA	NA	NA	403.30		0.0	
4Q18		10/2/2018	NE	25.47	NA	NA	NA	403.46		0.0	
1Q19		1/4/2019	NE	24.88	NA	NA	NA	404.05		0.0	
2Q19		4/3/2019	NE	23.94	NA	NA	NA	404.99		0.0	
3Q19	429.10	7/30/2019	NE	17.84	NA	NA	NA	411.26	409.29 - 379.29 (19.81 - 49.81)	3.3	*
4Q19		10/2/2019	NE	19.67	NA	NA	NA	409.43		3.4	*
1Q20		1/3/2020	NE	21.50	NA	NA	NA	407.60		0.0	
2Q20		4/3/2020	NE	26.64	NA	NA	NA	402.46		13.9	Gauging result anomalous
3Q20		7/7/2020	NE	19.58	NA	NA	NA	409.52		1.1	*
4Q20		10/6/2020	NE	22.07	NA	NA	NA	407.03		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 12 quarters from the combined Village of Roxana Interim Groundwater Monitoring Program and the WRB Refining LP Wood River Refinery Program.

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

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

TABLE 2
SOIL VMP DEPTHS

Location	Yellow 1st Interval	White 10 foot Depth	Blue 2nd Interval	Green 3rd Interval	Red 4th Interval	Notes:
VMP-1	5		8.5	23.5	38.5	Village of Roxana - 1st Street
VMP-2	5		8.5	22	42	Village of Roxana - Alley Between 3rd and 4th Street
VMP-3	5	10	22	31.5	39	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-4	5		12	23.5	39	Village of Roxana - Alley Between 4th and 5th Street
VMP-5	5		12.5	31	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-6	5		10	31.5	39	Village of Roxana - Alley Between 6th and 7th Street
VMP-7	5		13.5	29.5	38	Village of Roxana - 7th Street
VMP-8	5		9.5	23.5	35.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-9	5		11.5	25.5	38.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-10	5		10	20	30	Public Works Yard
VMP-11	5		8	29	38	Public Works Yard
VMP-12	5		11.5	25	39	WRR- North Property
VMP-13	5		10.5	21.5	29.5	Public Works Yard
VMP-14	5		11.5	20	29	Public Works Yard
VMP-15	5		21.5	25.5	29	Village of Roxana - SE of Route 111 and Rand Avenue
VMP-16	5		13.5	19	31	WRR- Main Property
VMP-17	5					Public Works Yard
VMP-18	8.5					Village of Roxana - 8th Street
VMP-19	5					Village of Roxana - 8th Street
VMP-20	5		10	25	39.5	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-21	5		10	25	33	Village of Roxana - Alley Between 3rd and 4th Street
VMP-22	5		10	18	38	Village of Roxana - Alley Between 4th and 5th Street
VMP-23	5		10	25	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-24	5		10	22	34	Village of Roxana - 7th Street
VMP-25	5		9.5	21	31	Village of Roxana - Corner of Rand Avenue and Route 111
VMP-26	10		20	30	40	WRR - North Property
VMP-27	10		20	30	40	WRR - North Property
VMP-28	10		20	30	40	WRR - North Property
VMP-29	10		18	26	40	Public Works Yard
VMP-30	10		18	26	40	Public Works Yard
VMP-31	5		10	20	30	Village of Roxana - Chaffer Avenue (Abandoned in June 2014)
VMP-32	5		10	20	30	Village of Roxana - 4th Street
VMP-33			10	20	30	WRR - North Property
VMP-34			10	20	30	WRR - North Property
VMP-35			10	20	30	WRR - North Property
VMP-36			10	20	30	WRR - North Property
VMP-37			10	20	30	WRR - North Property
VMP-38			10	20	27	WRR - North Property
VMP-39			10	20	30	WRR - North Property
VMP-40			10	20	30	WRR - North Property (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)

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	1/27/2020	50.2	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.1	20.6
		4/24/2020	50.2	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.3	20.9
		7/28/2020	65.9	0.0	N/A	54.2	0.1	0.0	0.1	0.0	0	0.6	19.1
		11/2/2020	61.5	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.9	17.8
	8.5	1/27/2020	50.3	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/24/2020	50.3	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.9
		7/28/2020	58.5	0.2	N/A	53.8	0.3	0.0	0.0	0.0	0	0.6	19.4
		11/2/2020	50.8	0.0	N/A	57.8	0.0	0.0	0.0	0.0	0	0.9	18.0
	23.5	1/27/2020	50.9	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.2	20.4
		4/24/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.2	20.9
		7/28/2020	55.2	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.6	19.3
		11/2/2020	50.2	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.9	17.8
	38.5	1/27/2020	50.1	0.0	0.0	50.5	0.0	0.0	0.1	0.0	0	0.1	20.6
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020	56.2	0.1	N/A	54.1	0.1	0.0	0.1	0.0	0	0.6	19.5
		11/2/2020	50.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.0	18.0
VMP-2	5	1/24/2020	57.8	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.3	19.8
		4/24/2020	50.7	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	1.5	20.1
		7/24/2020	66.3	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	6.2	12.8
		11/4/2020	59.7	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	5.0	15.5
	8.5	1/24/2020	57.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.5	19.3
		4/24/2020	50.6	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	1.9	20.0
		7/24/2020	54.9	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	3.4	16.4
		11/4/2020	57.6	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	4.6	15.6
	22	1/24/2020	61.2	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	3.2	18.4
		4/24/2020	50.0	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	2.0	19.9
		7/24/2020	61.3	0.0	N/A	50.7	0.0	6.2	0.7	0.0	0	3.3	16.9
		11/4/2020	50.0	0.0	N/A	54.1	0.0	0.4	0.1	0.0	0	4.7	16.0
	42	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	1/27/2020	50.1	0.0	0.0	50.5	0.7	0.0	0.0	0.0	0	0.0	19.5
		4/29/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.1	20.4
		7/29/2020	66.4	0.0	N/A	54.1	1.8	0.6	0.3	0.0	0	0.3	20.2
		11/4/2020	55.5	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.3	19.5
	10	2/21/2020[12]	52.1	0.0	N/A	51.4	0.0	8.9	0.0	0.0	0	0.3	20.1
		4/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020	54.4	0.0	N/A	50.4	0.5	0.7	0.4	0.0	0	0.3	20.4
		11/4/2020	63.3	0.0	N/A	54.7	0.0	12.4	0.0	0.0	0	1.1	18.7
	22	1/27/2020	50.3	0.0	0.0	50.6	0.0	7.4	0.0	0.0	0	0.9	20.1
		4/29/2020	50.5	0.0	N/A	50.3	0.0	0.4	0.0	0.0	0	0.6	20.3
		7/29/2020	60.0	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.4	19.5
		11/4/2020	58.3	0.0	N/A	52.0	0.0	10.2	0.1	0.0	0	1.8	17.1
	31.5	2/21/2020[9]	50.6	0.0	N/A	50.2	0.0	375	2.1	0.1	1	13.3	2.6
		4/29/2020	50.6	0.0	N/A	50.1	0.0	15600	457	8.7	OVR	12.5	5.5
		7/29/2020	61.8	0.0	N/A	50.4	0.0	178	3.5	0.0	0	4.8	15.1
		11/4/2020	59.5	1.0	N/A	52.8	1.0	93730	487	OVR	OVR	11.2	0.5
	39	1/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	1/23/2020	54.7	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.0	20.8
		4/28/2020	41.8	0.0	N/A	40.6	0.0	0.0	0.0	0.0	0	0.0	20.8
		7/30/2020	51.9	0.0	N/A	56.6	0.0	0.0	0.2	0.0	0	0.3	20.4
		10/30/2020	53.7	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.9	18.9
	12	1/23/2020	52.4	0.0	N/A	51.9	0.0	0.3	0.1	0.0	0	0.0	20.9
		4/28/2020	42.6	0.0	N/A	43.0	0.0	0.0	0.0	0.0	0	0.1	20.7
		7/30/2020	52.5	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	20.4
		10/30/2020	52.8	0.0	N/A	50.8	0.0	4.3	0.0	0.0	0	0.9	17.9
	23.5	1/23/2020	51.2	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	2.1	18.7
		4/28/2020	43.3	0.0	N/A	55.1	0.0	0.0	0.3	0.0	0	1.6	19.0
		7/30/2020	51.9	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.9	18.6
		10/30/2020	54.4	0.0	N/A	52.1	0.1	0.0	0.0	0.0	0	4.3	11.0
	39	1/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	5	1/28/2020	50.3	0.0	N/A	59.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	47.7	0.0	N/A	43.3	0.0	0.0	0.0	0.0	0	0.0	20.7
		7/23/2020	61.9	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.4	19.6
		10/30/2020	56.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.0	19.9
	12.5	1/28/2020	53.7	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.1	20.5
		4/27/2020	44.1	0.0	N/A	42.1	0.0	0.0	0.1	0.0	0	0.0	20.6
		7/23/2020	52.1	0.1	N/A	53.4	0.0	0.0	0.0	0.0	0	1.0	19.0
		10/30/2020	52.2	0.9	N/A	51.9	1.0	0.0	0.0	0.0	0	2.9	17.7
	31	1/28/2020	54.8	0.0	N/A	54.5	0.0	10.9	0.0	0.0	0	0.9	20.5
		4/27/2020	46.8	0.0	N/A	42.9	0.0	0.0	0.1	0.0	0	0.6	20.1
		7/23/2020	51.1	0.0	N/A	61.0	0.0	8.3	0.0	0.0	0	1.1	19.2
		10/30/2020	57.0	0.0	N/A	50.0	0.0	18.6	0.1	0.0	0	2.1	17.2
	40	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-6	5	1/23/2020	50.6	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/27/2020	50.7	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	0.0	20.9
		7/22/2020	56.6	0.0	N/A	53.1	0.0	0.0	0.5	0.0	0	1.2	17.8
		10/29/2020	50.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.0	19.8
	10	1/23/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/27/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.9
		7/22/2020	57.8	0.0	N/A	51.5	0.0	0.0	0.5	0.0	0	1.1	18.6
		10/29/2020	50.6	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	3.3	16.7
	31.5	2/21/2020[12]	52.8	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	2.0	19.0
		4/27/2020	50.9	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	1.4	20.5
		7/22/2020	63.5	0.0	N/A	50.8	0.0	50.7	0.2	0.0	0	1.8	18.2
		10/29/2020	51.3	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	4.3	14.2
	39	1/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7	5	1/27/2020	63.4	4.7	N/A	50.5	2.3	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	50.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	0.0	20.9
		7/30/2020	51.1	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.6	19.3
		11/4/2020	51.8	0.0	N/A	55.3	0.0	0.0	0.1	0.0	0	1.3	19.0
	13.5	1/27/2020	52.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	50.5	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.1	20.9
		7/30/2020	50.2	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	19.4
		11/4/2020	52.7	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.7	18.0
	29.5	1/27/2020	52.6	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	1.5	20.5
		4/27/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.7	20.0
		7/30/2020	50.3	0.0	N/A	50.7	0.2	0.0	0.1	0.0	0	1.5	18.9
		11/4/2020	52.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	2.1	16.8
	38	1/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	5	1/22/2020	52.2	0.0	0.0	52.9	0.0	0.0	0.0	0.0	0	1.9	18.9
		4/22/2020	61.5	0.0	N/A	43.3	0.0	0.0	0.1	0.0	0	1.3	19.5
		7/22/2020	60.5	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	2.9	16.3
		10/28/2020	52.9	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.6	19.7
	9.5	1/22/2020	51.2	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	2.7	18.1
		4/22/2020	47.3	0.0	N/A	42.2	0.0	0.0	0.1	0.0	0	1.8	18.5
		7/22/2020	57.0	0.0	N/A	58.5	0.0	0.0	0.2	0.0	0	3.5	16.8
		10/28/2020	52.8	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	2.5	18.9
	23.5	1/22/2020	52.5	0.0	0.0	52.7	0.0	0.0	0.1	0.0	0	3.7	17.7
		4/22/2020	53.1	0.0	N/A	42.0	0.0	0.0	0.0	0.0	0	2.5	17.5
		7/22/2020	55.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.0	17.1
		10/28/2020	53.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.4	16.7
	35.5	1/22/2020	50.3	0.0	0.0	53.1	0.0	0.0	0.1	0.0	0	1.1	18.6
		4/22/2020	48.4	0.0	N/A	42.1	0.1	0.0	0.0	0.0	0	0.5	19.9
		7/22/2020	55.4	0.4	N/A	51.0	0.0	0.0	0.0	0.0	0	1.4	18.8
		10/28/2020	51.3	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.0	19.6

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	5	1/22/2020	54.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/22/2020	73.3	0.0	N/A	49.2	0.1	0.0	0.0	0.0	0	0.1	20.7
		7/22/2020	60.1	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	2.6	17.1
		10/28/2020	55.0	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.2	20.9
	11.5	1/22/2020	57.2	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/22/2020	47.0	0.0	N/A	51.0	0.1	0.0	0.0	0.0	0	0.3	20.6
		7/22/2020	59.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.6	18.5
		10/28/2020	65.0	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.9	20.3
	25.5	1/22/2020	53.4	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.6	20.9
		4/22/2020	49.1	0.0	N/A	44.4	0.0	0.0	0.0	0.0	0	0.4	20.3
		7/22/2020	58.4	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.5	19.0
		10/28/2020	59.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.8	19.2
	38.5	1/22/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/22/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-10	5	1/24/2020	50.1	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.1	20.1
		4/23/2020	50.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.6	20.3
		7/30/2020	62.1	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	2.0	19.0
		10/30/2020	51.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.0	20.6
	10	1/24/2020	51.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	20.5
		4/23/2020	50.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.5	20.5
		7/30/2020	57.3	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	1.7	19.1
		10/30/2020	51.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.1	20.5
	20	1/24/2020	50.1	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.7	20.6
		4/23/2020	52.0	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.6	20.4
		7/30/2020	58.1	0.0	N/A	53.8	0.0	0.0	0.0	0.0	0	1.4	19.2
		10/30/2020	51.7	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.1	20.4
	30	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	5	1/29/2020	50.4	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.5	19.2
		4/27/2020	50.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	1.2	19.9
		7/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2020	56.6	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.1	20.5
	8	1/29/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.4	19.8
		4/27/2020	50.3	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	1.1	20.0
		7/27/2020	53.1	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	5.3	14.6
		10/28/2020	51.3	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.1	20.8
	29	1/29/2020	50.4	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	1.7	19.7
		4/27/2020	50.7	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	1.6	19.8
		7/27/2020	55.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.7	17.6
		10/28/2020	54.2	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.3	20.7
	38	1/29/2020	50.4	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	0.4	19.9
		4/27/2020	50.9	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.9	20.3
		7/27/2020	62.8	0.0	N/A	57.1	0.0	0.0	0.0	0.0	0	4.8	14.8
		10/28/2020	52.4	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.0	20.9
VMP-12	5	1/29/2020	51.2	0.0	N/A	52.6	0.0	0.4	0.0	0.0	0	0.0	19.9
		4/29/2020	46.6	0.0	N/A	46.4	0.0	1.5	0.5	0.0	0	0.1	20.6
		7/29/2020	50.8	0.0	N/A	53.5	0.1	0.0	0.2	0.0	0	0.1	17.5
		11/4/2020	51.3	0.0	N/A	52.7	0.0	1.8	0.3	0.0	0	0.0	20.9
	11.5	1/29/2020	51.8	0.0	N/A	50.1	0.0	3.6	0.0	0.0	0	1.6	16.4
		4/29/2020	79.2	0.0	N/A	42.8	0.0	2.6	0.5	0.0	0	0.3	20.4
		7/29/2020	53.4	0.0	N/A	54.5	0.0	0.0	0.0	0.0	0	2.2	14.1
		11/4/2020	52.0	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.0	20.7
	25	1/29/2020	51.9	0.0	N/A	55.9	0.1	228	0.8	0.0	1	1.6	11.6
		4/29/2020	46.2	0.0	N/A	41.3	0.0	7.5	1.2	0.0	0	1.5	18.9
		7/29/2020	51.8	0.0	N/A	51.4	0.0	3920	92.3	0.9	19	10.4	2.6
		11/4/2020	51.2	0.0	N/A	50.5	0.0	2340	112	1.2	22	10.3	4.0
	39	1/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-13	5	1/24/2020	50.5	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.2	18.8
		4/23/2020	42.1	0.0	N/A	45.1	0.0	0.0	0.1	0.0	0	0.2	20.3
		7/30/2020	52.8	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	1.1	18.2
		11/2/2020	54.5	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	0.1	20.9
	10.5	1/24/2020	51.0	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	20.6
		4/23/2020	44.7	0.0	N/A	48.6	0.0	0.0	0.0	0.0	0	0.2	20.6
		7/30/2020	62.1	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	0.6	19.5
		11/2/2020	55.6	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.1	20.9
	21.5	1/24/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.5	20.5
		4/23/2020	43.5	0.0	N/A	45.9	0.0	0.0	0.0	0.0	0	0.3	20.7
		7/30/2020	58.5	0.0	N/A	52.6	0.0	1.1	0.1	0.0	0	0.3	19.9
		11/2/2020	63.5	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	0.4	20.6
	29.5	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020	41.6	0.0	N/A	42.7	0.0	0.0	0.0	0.0	0	0.2	20.7
		7/30/2020	61.9	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.7	19.0
		11/2/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-14	5	1/28/2020	77.3	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.2	20.5
		4/23/2020	43.1	0.0	N/A	42.7	0.0	0.0	0.0	0.0	0	0.4	20.2
		7/30/2020	60.0	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	4.7	7.8
		11/2/2020	57.0	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.1	20.9
	11.5	1/28/2020	50.2	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/23/2020	42.8	0.0	N/A	44.2	0.0	0.0	0.0	0.0	0	0.4	20.3
		7/30/2020	62.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.5	11.4
		11/2/2020	57.0	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.2	20.9
	20	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020	40.1	0.0	N/A	47.7	0.0	0.0	0.0	0.0	0	6.5	12.7
		7/30/2020	59.3	0.0	N/A	51.5	0.0	2.0	0.0	0.0	0	10.2	6.0
		11/2/2020	58.0	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	7.2	11.7
	29	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-15	5	1/28/2020	50.3	0.0	0.0	52.1	0.0	0.0	0.1	0.0	0	1.4	15.7
		4/28/2020	50.6	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	1.6	17.7
		7/28/2020	58.6	0.0	N/A	56.0	0.0	0.0	0.1	0.0	0	7.4	7.8
		11/3/2020	58.7	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	3.8	14.1
	21.5	1/28/2020	50.6	0.0	0.0	50.2	0.0	2970	0.3	0.2	5	12.0	2.1
		4/28/2020	50.5	0.0	N/A	50.2	0.0	9050	6.2	4.1	82	15.1	0.6
		7/28/2020	57.9	0.6	N/A	50.9	0.8	105000	238	7.1	OVR	14.6	0.5
		11/3/2020	57.0	0.0	N/A	50.5	0.0	677	0.5	0.1	2	15.1	0.2
	25.5	1/28/2020	50.3	0.0	0.0	50.5	0.0	8620	10.9	0.6	13	18.6	1.8
		4/28/2020	50.7	0.0	N/A	50.1	0.0	46150	18.7	4.4	87	19.0	0.2
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020	58.6	0.0	N/A	51.1	0.0	1170	10.2	0.2	3	18.6	0.6
	29	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	1/29/2020	55.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	5.9	9.8
		4/29/2020	41.6	0.0	N/A	41.2	0.0	2.9	0.6	0.0	0	4.3	17.3
		7/29/2020	54.9	0.0	N/A	50.1	0.0	65.0	4.6	0.0	0	17.6	1.8
		11/4/2020	51.8	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.3	17.1
	13.5	1/29/2020	52.3	0.9	N/A	50.2	0.8	86390	662	28.3	OVR	15.6	0.3
		4/29/2020	44.2	0.0	N/A	43.0	0.0	20350	661	6.1	OVR	15.8	0.3
		7/29/2020	56.6	0.9	NM	52.6	1.3	71320	649	43.3	OVR	14.6	1.1
		11/4/2020	50.7	0.0	N/A	50.6	0.0	45510	573	12.6	OVR	25.9	0.8
	19	1/29/2020	50.6	1.8	N/A	53.2	1.8	108000	849	45.4	OVR	16.1	0.0
		4/29/2020	43.0	0.9	N/A	44.0	0.6	77630	923	30.1	OVR	18.1	0.3
		7/29/2020	51.9	1.2	NM	55.7	0.7	4880	382	44.6	OVR	14.9	1.0
		11/4/2020	62.6	2.6	N/A	50.7	1.2	121000	709	53.5	OVR	19.4	0.4
	31	1/29/2020	50.8	2.1	N/A	50.1	1.6	129000	772	55.5	OVR	16.1	0.0
		4/29/2020	51.1	1.1	N/A	42.0	0.8	92590	936	42.1	OVR	14.7	0.0
		7/29/2020	50.1	1.9	NM	51.7	1.8	95610	693	49.4	OVR	14.1	1.2
		11/4/2020	50.6	3.2	N/A	54.6	2.6	155000	616	58.1	OVR	17.8	0.4

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-17	5	1/22/2020	50.3	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	0.1	19.7
		4/28/2020	50.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.5	20.5
		7/22/2020	53.8	0.0	N/A	53.2	0.0	0.0	0.4	0.0	0	1.4	19.0
		11/3/2020	51.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.0	20.9
VMP-18	8.5	1/24/2020	50.3	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.1	19.3
		4/29/2020	41.6	0.0	N/A	43.1	0.0	0.0	0.5	0.0	0	1.8	18.5
		7/31/2020[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/24/2020[9]	54.2	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.2	20.7
VMP-19	5	2/21/2020[9]	55.2	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/30/2020	68.9	0.0	N/A	40.4	0.0	0.0	0.2	0.0	0	0.4	20.3
		7/27/2020	55.9	0.0	N/A	54.5	0.0	0.0	0.3	0.0	0	1.6	18.6
		11/4/2020	50.4	0.0	N/A	51.5	0.1	0.0	0.0	0.0	0	0.0	20.6
VMP-20	5	2/21/2020	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	4.1	17.7
		4/24/2020	51.2	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	4.4	18.0
		7/23/2020	53.7	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	12.7	7.1
		11/24/2020[9]	53.9	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	7.2	14.1
	10	1/24/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	6.2	15.5
		4/24/2020	50.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	5.5	16.8
		7/23/2020	59.0	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	11.9	8.5
		11/2/2020	52.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	7.4	14.1
	25	1/24/2020	50.2	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	5.5	16.0
		4/24/2020	50.3	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.5	17.7
		7/23/2020	56.0	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	4.0	16.3
		11/2/2020	50.6	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	4.5	15.8
	39.5	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-21	5	1/22/2020	51.2	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.9	19.9
		4/23/2020	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.8	19.3
		7/24/2020	55.8	0.0	N/A	52.2	0.0	0.0	0.5	0.0	0	3.2	18.7
		10/29/2020	58.1	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.5	18.2
	10	1/22/2020	50.8	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	2.6	19.1
		4/23/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.0	18.2
		7/24/2020	59.0	0.0	N/A	50.1	0.0	0.0	0.5	0.0	0	5.5	15.6
		10/29/2020	56.2	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.4	19.3
	25	1/22/2020	50.5	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	3.5	18.2
		4/23/2020	50.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	2.7	18.6
		7/24/2020	60.8	0.0	N/A	55.7	0.0	0.0	0.7	0.0	0	3.0	17.0
		10/29/2020	59.7	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	1.6	18.8
	33	1/22/2020	50.8	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	4.0	18.0
		4/23/2020	52.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.4	18.2
		7/24/2020	64.1	0.0	N/A	56.1	0.0	0.0	0.5	0.0	0	2.8	17.4
		10/29/2020	61.0	0.0	N/A	52.7	0.0	0.2	0.0	0.0	0	0.4	19.5
VMP-22	5	1/23/2020	58.1	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.0	20.5
		4/28/2020	45.0	0.0	N/A	41.6	0.0	0.0	0.0	0.0	0	0.3	20.2
		7/23/2020	57.9	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.2	19.4
		11/5/2020	74.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	1.6	18.4
	10	1/23/2020	59.9	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.0	20.5
		4/28/2020	42.4	0.9	N/A	40.1	2.3	0.0	0.0	0.0	0	0.2	20.0
		7/23/2020	54.2	0.0	N/A	54.2	0.1	0.0	0.0	0.0	0	0.6	19.6
		11/5/2020	63.6	0.5	N/A	51.5	1.6	0.0	0.0	0.0	0	0.8	19.1
	18	1/23/2020	60.0	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.1	20.4
		4/28/2020	41.5	0.3	N/A	40.2	0.7	0.0	0.0	0.0	0	0.4	20.0
		7/23/2020	50.6	0.0	N/A	54.3	0.0	0.0	0.6	0.0	0	1.2	18.7
		11/5/2020	51.9	0.5	N/A	50.7	1.0	0.0	0.0	0.0	0	1.4	19.0
	38	1/23/2020	56.5	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.0	20.6
		4/28/2020	40.6	0.6	N/A	40.5	1.8	0.0	0.0	0.0	0	0.3	20.1
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/5/2020	51.3	0.8	N/A	50.9	1.7	0.0	0.0	0.0	0	0.8	19.3

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-23	5	1/28/2020	59.4	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/28/2020	46.0	0.0	N/A	49.3	0.0	0.0	0.0	0.0	0	0.8	19.7
		7/23/2020	58.9	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	2.0	17.7
		10/29/2020	57.7	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	3.2	18.0
	10	1/28/2020	62.3	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.3	20.4
		4/28/2020	43.3	0.0	N/A	46.2	0.0	0.0	0.0	0.0	0	0.4	20.2
		7/23/2020	59.7	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	1.9	18.4
		10/29/2020	58.1	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	3.6	17.6
	25	1/28/2020	65.1	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	1.7	19.8
		4/28/2020	49.3	0.0	N/A	43.5	0.0	0.0	0.0	0.0	0	1.0	19.7
		7/23/2020	50.0	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	1.9	18.5
		10/29/2020	56.2	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	3.3	17.5
	40	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-24	5	1/23/2020	52.7	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.7	20.2
		4/22/2020	50.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	0.3	20.9
		7/22/2020	52.6	0.0	N/A	52.3	0.0	0.0	0.6	0.0	0	2.8	16.9
		10/29/2020	63.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	3.9	16.4
	10	1/23/2020	50.3	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	3.3	18.3
		4/22/2020	50.9	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.6	19.9
		7/22/2020	55.3	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	3.7	16.6
		10/29/2020	51.5	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	5.3	15.9
	22	1/23/2020	50.6	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	2.2	19.1
		4/22/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.8	20.9
		7/22/2020	52.4	0.0	N/A	54.9	0.0	0.0	0.3	0.0	0	2.7	16.9
		10/29/2020	50.4	0.3	N/A	51.0	0.1	0.0	0.0	0.0	0	2.6	18.1
	34	1/23/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.5	19.4
		4/22/2020	50.7	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.0	20.8
		7/22/2020	53.4	0.0	N/A	53.0	0.0	0.0	0.0	0.0	0	3.5	16.8
		10/29/2020	54.9	0.0	N/A	81.1	0.0	0.0	0.0	0.0	0	5.0	16.0
VMP-25	5	1/28/2020	54.7	0.0	N/A	53.4	0.0	152	0.3	0.0	0	4.0	3.6
		4/23/2020	53.2	0.0	N/A	53.4	0.0	5090	0.4	0.6	13	5.9	0.8
		7/23/2020	55.0	0.0	N/A	50.0	0.0	13.0	0.0	0.0	0	7.6	7.0
		10/30/2020	57.3	0.0	N/A	51.3	0.6	5970	0.4	0.4	7	3.2	3.0
	9.5	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	1/28/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	1/24/2020	58.0	0.0	N/A	56.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/23/2020	48.1	0.0	N/A	43.3	0.0	0.0	0.1	0.0	0	0.3	20.5
		7/27/2020	55.6	0.0	N/A	53.7	0.0	0.0	0.9	0.0	0	0.1	20.1
		11/2/2020	57.4	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.2	20.9
	18	1/24/2020	53.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.9
		4/23/2020	56.5	0.0	N/A	42.9	0.0	0.0	0.0	0.0	0	0.4	20.5
		7/27/2020	58.7	0.0	N/A	53.6	0.0	0.0	0.4	0.0	0	0.2	20.1
		11/2/2020	58.9	0.0	N/A	53.2	0.0	0.0	0.2	0.0	0	0.4	20.9
	26	1/24/2020	55.8	0.0	N/A	51.2	0.0	42.5	0.0	0.0	0	1.4	19.4
		4/23/2020	48.7	0.0	N/A	40.2	0.0	0.0	0.0	0.0	0	0.6	20.3
		7/27/2020	59.4	0.0	N/A	50.8	0.0	11.6	0.5	0.0	0	0.3	20.1
		11/2/2020	61.5	0.0	N/A	54.9	0.0	16.1	0.2	0.0	0	1.1	19.7
	40	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-30	10	1/24/2020	60.1	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/23/2020	43.1	0.0	N/A	40.0	0.0	0.0	0.0	0.0	0	0.0	20.9
		7/27/2020	59.6	0.0	N/A	51.1	0.0	0.0	0.8	0.0	0	1.1	19.6
		11/2/2020	52.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.1	20.9
	18	1/24/2020	53.9	0.0	N/A	52.0	0.0	0.4	0.0	0.0	0	0.1	20.9
		4/23/2020	43.0	0.0	N/A	40.4	0.0	0.0	0.0	0.0	0	0.1	20.7
		7/27/2020	55.7	0.0	N/A	51.9	0.0	1.4	2.0	0.0	0	1.2	19.4
		11/2/2020	57.7	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	0.1	20.6
	26	1/24/2020	56.6	0.0	N/A	50.3	0.0	3.8	0.0	0.0	0	0.4	20.7
		4/23/2020	41.0	0.0	N/A	40.6	0.0	5.2	0.1	0.0	0	0.3	20.7
		7/27/2020	59.8	0.0	N/A	52.9	0.0	0.7	1.1	0.0	0	1.4	18.9
		11/2/2020	56.8	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.2	20.5
	40	1/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	1/28/2020	50.3	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.2	18.7
		4/29/2020	50.7	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.0	20.1
		7/29/2020	63.5	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	2.4	18.2
		11/4/2020	56.1	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	2.7	17.8
	10	1/28/2020	50.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.4	19.1
		4/29/2020	50.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.3	20.1
		7/29/2020	59.1	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	2.6	18.2
		11/4/2020	58.0	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	2.5	18.0
	20	1/28/2020	51.1	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	19.8
		4/29/2020	50.5	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.1	20.9
		7/29/2020	60.2	0.1	N/A	52.6	0.2	0.6	0.2	0.0	0	0.2	20.5
		11/4/2020	60.5	0.0	N/A	56.8	0.0	0.0	0.0	0.0	0	1.3	18.5
	30	1/28/2020	50.7	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.0	19.3
		4/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/2020	59.1	0.1	N/A	53.3	0.2	0.0	0.2	0.0	0	1.8	18.7
		11/4/2020	58.8	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	2.1	18.2
VMP-41	10	1/24/2020	57.9	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/23/2020	53.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.5	20.5
		7/29/2020	59.8	0.0	N/A	51.6	0.0	0.0	0.1	0.0	0	1.1	19.2
		10/30/2020	56.1	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.1	20.6
	20	1/24/2020	52.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.5	20.7
		4/23/2020	51.6	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.6	20.4
		7/29/2020	57.8	0.0	N/A	53.1	0.0	0.0	0.2	0.0	0	0.9	19.3
		10/30/2020	55.8	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.2	20.5
	26	1/24/2020	55.9	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.8	20.4
		4/23/2020	50.4	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.6	20.5
		7/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020	56.3	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.5	20.1
VMP-42	10	1/27/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.1	0.0	0	0.6	20.9
		4/29/2020	50.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.7	20.5
		7/28/2020	51.1	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.9	18.9
		11/5/2020	69.5	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	2.6	17.9
	20	1/27/2020	50.7	0.0	0.0	50.4	0.0	0.0	0.1	0.0	0	1.6	19.8
		4/29/2020	50.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.4	20.1
		7/28/2020	54.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.8	19.0
		11/5/2020	51.1	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	3.4	17.2
	30	1/27/2020	50.8	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	2.9	19.7
		4/29/2020	50.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.3	19.9
		7/28/2020	55.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.1	18.2
		11/5/2020	52.6	0.0	N/A	50.2	0.0	4.7	0.0	0.0	0	3.5	16.6
VMP-43	10	1/27/2020	50.7	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/30/2020	50.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	20.9
		7/28/2020	59.6	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	0.4	19.8
		11/3/2020	58.2	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	0.9	17.6
	20	1/27/2020	50.7	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/30/2020	50.6	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.4	20.9
		7/28/2020	59.3	0.0	N/A	54.5	0.0	57.2	0.4	0.0	0	0.7	18.8
		11/3/2020	54.1	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	3.1	12.7
	30	1/27/2020	56.2	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.1	19.8
		4/30/2020	50.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.4	20.9
		7/28/2020	60.5	0.0	N/A	50.2	0.0	1484	0.6	0.2	4	4.0	11.5
		11/3/2020	55.9	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	12.5	1.0

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-44	10	1/27/2020	54.6	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.3	16.9
		4/30/2020	40.8	0.1	N/A	40.3	0.1	1.2	0.2	0.0	0	0.4	20.3
		7/28/2020	60.1	0.0	N/A	57.3	0.0	0.2	0.2	0.0	0	5.0	11.2
		11/3/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	1/27/2020	55.9	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	0.9	17.3
		4/30/2020	41.1	0.0	N/A	40.1	0.1	0.6	0.1	0.0	0	0.4	20.1
		7/28/2020	61.5	0.0	N/A	54.5	0.0	0.1	0.0	0.0	0	4.7	10.8
		11/3/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	1/27/2020	52.4	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	0.8	17.4
		4/30/2020	43.2	0.3	N/A	44.6	1.7	1.1	0.1	0.0	0	0.0	20.4
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-45	10	1/27/2020	68.9	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		4/27/2020	47.9	0.0	N/A	42.2	0.1	0.0	0.0	0.0	0	0.1	20.7
		7/28/2020	56.8	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.8	18.6
		11/5/2020	57.1	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	1.6	18.2
	20	1/27/2020	56.2	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/27/2020	47.6	0.0	N/A	46.4	0.0	0.0	0.0	0.0	0	0.1	20.8
		7/28/2020	62.9	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.7	17.9
		11/5/2020	52.0	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	1.8	17.9
	30	1/27/2020	52.6	0.0	N/A	50.4	0.0	7.0	0.1	0.0	0	1.3	20.1
		4/27/2020	49.5	0.3	N/A	59.2	0.4	0.0	0.2	0.0	0	0.2	20.5
		7/28/2020	55.2	0.5	N/A	53.3	0.0	3.3	1.3	0.0	0	0.7	18.5
		11/5/2020	61.9	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	1.3	18.7
VMP-47	5	1/29/2020	51.2	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.3	20.9
		4/28/2020	50.6	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	0.1	20.9
		7/27/2020	56.2	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.3	17.5
		11/2/2020	52.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.2	18.2
	10	1/29/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.5	20.4
		4/28/2020	50.7	0.0	N/A	50.2	0.0	0.2	0.0	0.0	0	0.1	20.9
		7/27/2020	56.8	0.0	N/A	56.5	0.0	0.0	0.0	0.0	0	1.7	18.2
		11/2/2020	51.3	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	2.7	17.6
	20	1/29/2020	50.7	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.7	20.3
		4/28/2020	50.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.9
		7/27/2020	62.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.3	19.1
		11/2/2020	50.7	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	2.3	16.7
	30	1/29/2020	50.8	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.6	19.5
		4/28/2020	50.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.4	20.9
		7/27/2020	57.9	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.4	19.3
		11/2/2020	51.4	0.0	N/A	57.7	0.0	0.0	0.0	0.0	0	2.4	13.8
VMP-48	5	1/29/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	1.4	18.4
		4/24/2020	50.5	0.0	N/A	50.2	0.0	10.2	0.2	0.0	0	1.4	18.0
		7/30/2020	57.5	0.0	N/A	53.2	0.0	0.0	0.0	0.0	0	7.1	11.1
		11/2/2020	52.5	0.0	N/A	54.2	0.0	0.0	0.0	0.0	0	2.7	17.5
	10	1/29/2020	50.8	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	3.7	17.5
		4/24/2020	50.9	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.5	19.3
		7/30/2020	57.2	0.0	N/A	60.6	0.0	0.0	0.0	0.0	0	3.9	15.8
		11/2/2020	50.1	0.0	N/A	50.1	0.1	0.0	0.0	0.0	0	4.9	15.2
	20	1/29/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/2020	51.1	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	5.0	14.7
	30	1/29/2020	50.1	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	6.2	15.4
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2020	52.4	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	5.8	15.5
		11/2/2020	59.5	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	5.9	15.4

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-49	5	1/22/2020	52.7	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	19.3
		4/23/2020	50.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.6	20.5
		7/24/2020	52.3	0.0	N/A	55.8	0.0	0.0	0.2	0.0	0	0.8	20.3
		11/4/2020	62.7	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.7	19.5
	10	1/22/2020	58.0	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.3	20.6
		4/23/2020	50.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.8	20.2
		7/24/2020	63.0	0.0	N/A	53.8	0.0	0.0	0.3	0.0	0	1.8	18.9
		11/4/2020	53.1	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.9	19.2
	20	1/22/2020	56.8	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	0.2	20.6
		4/23/2020	50.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.7	20.2
		7/24/2020	60.6	0.0	N/A	54.6	0.1	0.0	0.3	0.0	0	1.6	19.2
		11/4/2020	54.6	0.0	N/A	51.8	0.0	168	0.3	0.0	0	1.5	17.7
	30	1/22/2020	59.9	0.0	N/A	54.3	0.0	0.0	0.1	0.0	0	4.5	13.8
		4/23/2020	50.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.6	20.6
		7/24/2020	69.5	0.0	N/A	51.8	0.0	0.0	0.3	0.0	0	8.0	12.0
		11/4/2020	67.4	0.0	N/A	53.3	0.0	4130	21.2	0.8	15	6.2	8.9
VMP-50	5	1/28/2020	50.7	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.1	19.9
		4/28/2020	50.0	0.0	N/A	41.6	0.0	0.0	0.0	0.0	0	0.2	20.4
		7/27/2020	53.6	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	2.3	18.0
		11/5/2020	61.4	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.2	17.4
	10	1/28/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.4	19.8
		4/28/2020	42.0	0.0	N/A	43.6	0.0	0.0	0.0	0.0	0	0.4	20.3
		7/27/2020	61.4	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	1.9	18.2
		11/5/2020	68.0	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.6	16.6
	20	1/28/2020	50.1	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	2.3	18.7
		4/28/2020	42.4	0.0	N/A	42.2	0.0	0.0	0.0	0.0	0	0.5	20.2
		7/27/2020	51.7	0.0	N/A	56.1	0.1	0.0	0.5	0.0	0	2.2	17.6
		11/5/2020	59.2	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	3.1	17.4
	30	1/28/2020	50.9	0.0	0.0	50.3	0.0	72.6	12.7	0.0	1	1.9	18.6
		4/28/2020	42.3	0.0	N/A	49.9	0.0	31.6	6.8	0.0	0	1.3	19.5
		7/27/2020	50.4	0.0	N/A	50.6	0.1	205	8.6	0.0	0	1.6	18.5
		11/5/2020	58.8	0.0	N/A	55.9	0.0	20.3	1.8	0.0	0	4.0	13.8
VMP-51	5	1/28/2020	50.6	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.4	19.6
		4/27/2020	40.5	0.0	N/A	44.8	0.0	0.0	0.1	0.0	0	0.6	20.1
		7/23/2020	54.7	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	1.5	18.8
		10/30/2020	54.4	0.2	N/A	51.3	0.1	0.0	0.0	0.0	0	3.1	18.1
	10	1/28/2020	50.4	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	0.3	20.2
		4/27/2020	41.3	0.0	N/A	48.7	0.0	0.0	0.2	0.0	0	0.8	19.7
		7/23/2020	54.4	0.2	N/A	50.4	0.1	0.0	0.0	0.0	0	2.1	18.1
		10/30/2020	55.5	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	3.5	18.0
	20	2/21/2020[9]	50.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.2	19.6
		4/27/2020	40.7	0.0	N/A	42.6	0.0	0.0	0.2	0.0	0	0.9	19.9
		7/23/2020	51.0	0.0	N/A	51.3	0.1	0.0	0.0	0.0	0	1.8	19.0
		10/30/2020	54.4	0.0	N/A	52.3	0.0	0.0	0.0	0.0	0	2.9	17.9
	30	1/28/2020	50.5	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.9	19.7
		4/27/2020	41.0	0.0	0.0	40.1	0.0	0.0	0.4	0.0	0	1.3	19.6
		7/23/2020	52.4	0.1	N/A	50.4	0.1	0.0	0.0	0.0	0	1.7	19.0
		10/30/2020	60.9	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.7	17.9
VMP-52	5	1/23/2020	51.1	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.6	20.4
		4/27/2020	83.4	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	1.2	19.0
		7/23/2020	63.9	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	3.2	14.8
		10/29/2020	58.3	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	1.1	19.6
	10	1/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/2020	43.7	0.0	N/A	45.7	0.0	0.0	0.2	0.0	0	1.7	18.4
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/29/2020	50.5	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	3.3	15.2
	20	1/23/2020	50.0	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.6	20.2
		4/27/2020	47.0	0.0	N/A	43.9	0.0	0.0	0.2	0.0	0	1.0	19.8
		7/23/2020	65.6	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	2.1	18.9
		10/29/2020	52.2	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	2.5	18.0
	30	1/23/2020	51.8	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0	1.8	20.1
		4/27/2020	44.7	0.0	N/A	42.7	0.0	0.0	0.2	0.0	0	1.4	19.6
		7/23/2020	64.6	0.0	N/A	52.3	0.0	0.0	0.2	0.0	0	1.9	18.9
		10/29/2020	52.2	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.4	18.0

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-53	5	1/22/2020	58.3	0.1	N/A	53.3	0.0	0.0	0.0	0.0	0	0.2	20.9
		4/22/2020	58.8	0.0	N/A	42.3	0.0	0.0	0.0	0.0	0	0.5	20.3
		7/22/2020	69.9	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	2.3	17.1
		10/28/2020	50.1	0.0	N/A	43.3	0.0	0.0	0.0	0.0	0	0.8	20.2
	10	1/22/2020	61.8	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/22/2020	58.0	0.0	N/A	41.3	0.0	0.0	0.0	0.0	0	0.3	20.4
		7/22/2020	56.5	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.8	17.9
		10/28/2020	54.5	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	0.7	20.5
	20	1/22/2020	55.9	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	1.3	19.9
		4/22/2020	51.1	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	0.6	20.0
		7/22/2020	59.0	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	18.3
		10/28/2020	50.6	0.0	N/A	55.4	0.0	0.0	0.0	0.0	0	1.2	20.0
	30	1/22/2020	57.6	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.8	19.0
		4/22/2020	51.2	0.0	N/A	40.2	0.0	0.0	0.0	0.0	0	1.9	18.8
		7/22/2020	62.2	0.0	N/A	52.4	1.1	0.0	0.0	0.0	0	1.8	18.0
		10/28/2020	53.0	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	2.4	18.5
VMP-54	5	1/22/2020	50.4	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	1.4	19.8
		5/21/2020[9]	57.3	0.0	N/A	44.8	0.0	0.0	0.0	0.0	0	2.7	17.5
		7/22/2020	60.3	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.9	15.9
		10/28/2020	54.5	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	3.7	16.5
	10	3/12/2020[9]	58.3	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	2.1	18.2
		4/27/2020	50.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.2	18.3
		7/22/2020	51.1	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	3.0	16.6
		10/28/2020	57.1	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	3.9	16.2
	20	1/22/2020	51.2	0.0	0.0	51.2	0.0	0.0	0.0	0.0	0	2.5	17.6
		4/27/2020	50.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.3	17.7
		7/22/2020	55.5	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	2.5	16.7
		10/28/2020	53.6	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	3.9	15.9
	30	1/22/2020	50.4	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	0.6	20.0
		4/27/2020	50.1	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	1.0	18.3
		7/22/2020	63.5	0.0	N/A	54.2	0.0	0.0	0.7	0.0	0	2.5	16.1
		10/28/2020	50.7	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	1.6	17.1
VMP-55	5	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	1/28/2020	50.4	0.0	0.0	50.1	0.0	74830	178	9.0	OVR	18.2	1.6
		4/28/2020	50.9	0.0	N/A	50.2	0.0	1260	18.5	0.1	2	20.3	1.0
		7/28/2020	61.5	0.0	N/A	50.5	0.0	17.0	0.8	0.0	0	23.9	0.8
		11/3/2020	55.1	0.0	N/A	52.3	0.6	89120	127	12.3	OVR	18.0	0.9
	30	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	1/22/2020	53.3	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/24/2020	51.9	0.0	N/A	44.2	0.1	0.0	0.1	0.0	0	0.2	20.7
		7/23/2020	56.3	0.0	N/A	52.6	0.0	5.5	2.2	0.0	0	0.7	19.8
		11/3/2020	56.1	0.0	N/A	52.6	0.0	0.9	0.0	0.0	0	1.4	17.7
	25	1/22/2020	61.1	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.6	20.4
		4/24/2020	48.6	0.1	N/A	40.2	0.0	0.0	0.0	0.0	0	0.5	20.4
		7/23/2020	55.7	0.1	N/A	62.6	0.1	0.0	0.0	0.0	0	0.4	20.2
		11/3/2020	60.8	0.0	N/A	53.7	0.0	2.8	0.8	0.0	0	2.5	14.7
	38.5	1/22/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-62	5	1/29/2020	50.5	0.0	0.0	51.1	0.0	0.0	0.0	0.0	0	0.7	18.7
		4/28/2020	50.6	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.1	20.0
		7/27/2020	55.8	0.0	N/A	54.6	0.0	0.0	0.2	0.0	0	7.3	11.0
		10/29/2020	57.7	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	4.9	16.6
	10	1/29/2020	50.9	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	1.2	19.7
		4/28/2020	50.5	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.1	20.2
		7/27/2020	59.6	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	4.7	14.5
		10/29/2020	55.2	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	5.2	15.9
	20	1/29/2020	50.7	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	1.0	20.3
		4/28/2020	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.0	20.3
		7/27/2020	62.7	0.0	N/A	57.2	0.0	0.0	0.1	0.0	0	2.4	17.6
		10/29/2020	53.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	3.6	16.7
	30	1/29/2020	51.1	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0	1.9	19.6
		4/28/2020	50.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.6	20.9
		7/27/2020	53.5	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	18.6
		10/29/2020	56.4	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	2.3	17.9
VMP-63	5	1/27/2020	50.2	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.0	20.6
		4/24/2020	71.5	0.0	N/A	44.8	0.0	0.0	0.0	0.0	0	0.1	20.7
		7/28/2020	51.9	0.0	N/A	52.8	0.1	0.0	0.0	0.0	0	1.0	17.3
		11/3/2020	55.6	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	2.5	17.9
	10	1/27/2020	50.4	0.0	0.0	50.2	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/24/2020	43.0	0.0	N/A	43.0	0.0	0.0	0.0	0.0	0	0.1	20.7
		7/28/2020	56.1	0.0	N/A	51.7	0.1	0.0	0.0	0.0	0	0.9	19.1
		11/3/2020	52.6	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	2.7	17.0
	20	1/27/2020	50.5	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0	0.2	20.4
		4/24/2020	46.4	0.0	N/A	41.9	0.0	0.0	0.0	0.0	0	0.2	20.7
		7/28/2020	54.0	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.8	19.7
		11/3/2020	50.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	1.2	18.0
	30	1/27/2020	50.6	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0	0.5	20.4
		4/24/2020	41.8	0.0	N/A	42.7	0.0	0.0	0.2	0.0	0	0.5	20.3
		7/28/2020	52.4	0.0	N/A	61.4	0.0	0.0	0.0	0.0	0	1.0	19.8
		11/3/2020	53.4	2.8	N/A	50.7	1.0	0.0	0.0	0.0	0	1.1	18.3
VMP-64	5	1/28/2020	50.5	0.0	0.0	50.6	0.0	0.0	0.0	0.0	0	0.0	19.7
		4/24/2020	45.2	0.0	N/A	41.1	0.0	0.0	0.1	0.0	0	0.1	20.8
		7/24/2020	67.2	0.0	N/A	52.4	0.0	0.0	0.2	0.0	0	0.7	14.8
		10/30/2020	53.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	1.1	19.1
	10	1/28/2020	50.2	0.0	0.0	50.4	0.0	0.0	0.0	0.0	0	1.9	18.7
		4/24/2020	42.4	0.0	N/A	46.9	0.0	0.0	0.0	0.0	0	1.4	19.7
		7/24/2020	51.2	0.0	N/A	51.4	0.0	0.8	1.1	0.0	0	2.4	16.4
		10/30/2020	50.4	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	4.1	15.3
	20	1/28/2020	50.7	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0	2.8	17.8
		4/24/2020	52.4	0.0	N/A	41.8	0.0	0.0	0.0	0.0	0	1.7	19.5
		7/24/2020	51.2	0.0	N/A	53.4	0.0	0.0	0.0	0.0	0	1.6	17.9
		10/30/2020	50.7	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	3.1	16.4
	28	1/28/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/2020[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. OVR is used to indicate a reading over range for the FID, PID, or Landtec.
2. N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., CH_4 measurement 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 less than 14%, or when the sample put the flame out, a dilution tip was used when analyzing samples with the FID. The dilution tip introduced ambient air in a 10:1 ratio with the sample, which required the sample readings to be multiplied by 10 to get the actual value. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
6. Negative readings on the FID are recorded as zero.
7. VMP not sampled due to port integrity.
8. VMP not sampled because screen submerged below water table or a temporary water condition.
9. VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.
10. VMP re-sampled due to anomalous results in the initial sample.
11. VMP not sampled because vehicle was consistently parked on well vault.
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	0.0078	0.048
1,2-Dichlorobenzene	290	1,700
1,3-Dichlorobenzene		
1,4-Dichlorobenzene	1,200	6,800
1,1-Dichloroethane	690	4,200
1,2-Dichloroethane	0.099	0.81
1,1-Dichloroethene	240	1,600
cis-1,2-Dichloroethene	1,100,000	1,100,000
trans-1,2-Dichloroethene	85.0	510
Dichloromethane (Methylene chloride)	5.6	45.0
1,2-Dichloropropane	0.31	2.3
cis-1,3-Dichloropropene	0.9	6.2
trans-1,3-Dichloropropene	0.9	6.2
1,4-Dioxane	0.22	2.3
Ethanol		
Ethylbenzene	1.3	9.3
4-Ethyltoluene		
Freon 11		
Freon 12		
Freon 113		
Freon 114		
Heptane		
Hexachlorobutadiene		
Hexane		
2-Hexanone (Methyl N-Butyl Ketone)		
Isopropylbenzene (Cumene)	600	3,500
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
Methyl tert-Butyl Ether (MTBE)	3,700	24,000
n-Propylbenzene		
2-Propanol		
Styrene	1,400	8,500
Tetrachloroethene	0.55	4.0
1,1,2,2-Tetrachloroethane		
Tetrahydrofuran		
Toluene	6,200	40,000
1,2,4-Trichlorobenzene	5.4	25.0
Trichloroethene	1.5	12.0
1,1,1-Trichloroethane (Methyl chloroform)	6,600	41,000
1,1,2-Trichloroethane	170,000	170,000
Trichloroflouromethane	860	5,600
1,2,4-Trimethylbenzene		
1,3,5-Trimethylbenzene		
2,2,4-Trimethylpentane		
Vinyl chloride	0.29	4.8
Xylenes (total)	140	840
m,p-Xylene	130	820
o-Xylenes	120	790

Note:

1. Screening criteria source: Illinois Pollution Control Board, Tiered Approach to Corrective Action (TACO) Title 35 - Subtitle G; Chapter I, Subchapter f; Part 742; Appendix B, Table H: Tier 1 Indoor Inhalation Remediation Objectives for Residential and Industrial/Commercial Properties for the Diffusion and Advection Exposure Route, July 15, 2013.

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

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	0.0062	J	J	<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-1-5-042420	4/24/2020	0.0096	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0028	J		<0.016	U		<0.016	U	
		VMP-1-5-072820	7/28/2020	0.013	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0016	J		<0.015	U	
		VMP-1-5-110220	11/2/2020	0.01	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	0.0062	J	J	<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-1-8.5-042420	4/24/2020	0.015	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		0.0023	J		<0.015	U		<0.016	U	
		VMP-1-8.5-072820	7/28/2020	0.024	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0019	J		<0.016	U	
		VMP-1-8.5-110220	11/2/2020	0.012	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	0.0091	J	J	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-23.5-042420	4/24/2020	0.015	J		<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		0.0039	J		<0.014	U		<0.015	U	
		VMP-1-23.5-072820	7/28/2020	0.031			<0 0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0017	J		<0.016	U	
		VMP-1-23.5-110220	11/2/2020	0.01	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	0.013	J	J	<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-1-38.5-072820	7/28/2020	0.038			<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0073	J		<0.016	U	
		VMP-1-38.5-110220	11/2/2020	0.011	J		<0 0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		<0.014	U		<0.014	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.031	U		<0 0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-2-5-042420	4/24/2020	0.057			0.0013	J		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-2-5-072420	7/24/2020	0.019	J		<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-2-5-110420	11/4/2020	0.023	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0046	J		<0.016	J	U
	8 5 ft	VMP-2-8.5-012420	1/24/2020	0.008	J	J	<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-2-8.5-042420	4/24/2020	0.02	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-2-8.5-072420	7/24/2020	0.017	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		0.0018	J	
		VMP-2-8.5-110420	11/4/2020	0.036			<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0018	J		<0.015	U	
	22 ft	VMP-2-22-012420	1/24/2020	0.0056	J	J	<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-2-22-042420	4/24/2020	0.0079	J		<0 0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-2-22-042420-DUP	4/24/2020	0.013	J		0.0027	J		<0.0095	U		<0.015	U		<0.055	U		0.0027	J		<0.017	U		<0.018	U	
		VMP-2-22-072420	7/24/2020	0.01	J		<0 0041	U		0.0015	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-2-22-110420	11/4/2020	0.045	J		0.091			<0.082	U		<0.13	U		<0.19	U		17			<0.14	U		<0.15	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	0.0077	J	J	<0 0054	U		<0.011	U		<0.018	U		<0.066	U		<0.016	U		<0.02	U		<0.021	U	
		VMP-3-5-012720-DUP	1/27/2020	0.0082	J	J	<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-3-5-042920	4/29/2020	0.011	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-3-5-072920	7/29/2020	0.022	J		<0 0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0026	J		0.0023	J	
		VMP-3-5-110420	11/4/2020	0.024	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0032	J		<0.015	J	U
	10 ft	VMP-3-10-022120	2/21/2020	<0.027	U		<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-3-10-072920	7/29/2020	0.018	J		<0.004	U		0.0015	J		<0.013	U		<0.049	U		0.0021	J		0.0039	J		0.003	J	
		VMP-3-10-110420	11/4/2020	0.021	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0034	J		<0.017	U	
	22 ft	VMP-3-22-012720	1/27/2020	0.0092	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-3-22-042920	4/29/2020	0.019	J		<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		0.0032	J		<0.017	U		<0.018	U	
		VMP-3-22-072920	7/29/2020	0.012	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0016	J		<0.016	U	
		VMP-3-22-110420	11/4/2020	0.02	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0021	J		<0.017	J	U
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.28	U		<0.038	U		<0.079	U		<0.12	U		<0.46	U		1			<0.14	U		<0.15	U	
		VMP-3-31.5-042920	4/29/2020	<3.1	U		0.48	J	J	<2.2	U		<3.3	U		<5	U		370		J	<3.8	U		<4	U	
		VMP-3-31.5-072920	7/29/2020	0.019	J		0.0089	J		<0.069	U		<0.11	U		<0.4	U		<0.098	U		<0.12	U		<0.13	U	
		VMP-3-31.5-110420	11/4/2020	<12	U		<4	U		<8.4	U		<13	U		<20	U		6000			<15	U		<16	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	0.0086	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-4-5-042820	4/28/2020	0.025	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.004	J		<0.016	U	
		VMP-4-5-073020	7/30/2020	0.037			<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0034	J		0.0033	J	
		VMP-4-5-073020-DUP	7/30/2020	0.037			<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0042	J		0.0048	J	
		VMP-4-5-103020	10/30/2020	<0.029	J	U	0.0012	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
	12 ft	VMP-4-12-012320	1/23/2020	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-4-12-042820	4/28/2020	0.019	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0031	J		<0.017	U	
		VMP-4-12-073020	7/30/2020	0.031			0.0046			<0.0084	U		<0.013	U		<0.049	U		0.037			0.0025	J		0.002	J	
		VMP-4-12-103020	10/30/2020	<0.029	J	U	<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.032	U		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-4-23.5-042820	4/28/2020	0.014	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-4-23.5-073020	7/30/2020	0.018	J		<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		0.0042	J		<0.016	U	
		VMP-4-23.5-103020	10/30/2020	<0.029	J	U	<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.029	J	U	<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.027	U		<0 0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-5-5-042720	4/27/2020	0.0066	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-5-5-072320	7/23/2020	0.021	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0024	J		<0.016	U	
		VMP-5-5-103020	10/30/2020	0.021	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		0.0062	J		<0.015	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.031	U		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-5-12.5-042720	4/27/2020	0.017	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0047	J		0.0043	J	
		VMP-5-12.5-072320	7/23/2020	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0015	J		0.0019	J	
		VMP-5-12.5-103020	10/30/2020	<0.029	J	U	<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	31 ft	VMP-5-31-012820	1/28/2020	0.0072	J	J	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-5-31-042720	4/27/2020	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-5-31-072320	7/23/2020	0.012	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0024	J		<0.015	U	
		VMP-5-31-072320-DUP	7/23/2020	0.018	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.003	J		<0.016	U	
		VMP-5-31-103020	10/30/2020	0.017	J		<0 0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.031	J	U	<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	0.081			<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-6-5-042720	4/27/2020	0.012	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-6-5-072220	7/22/2020	0.032			<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-6-5-102920	10/29/2020	0.013	J		0.0004	J		<0.0083	U		<0.013	U		<0.048	U		0.03			<0.014	U		<0.015	J	U
	10 ft	VMP-6-10-012320	1/23/2020	0.0059	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-6-10-042720	4/27/2020	0.012	J		<0 0041	U		0.0026	J		<0.013	U		<0.05	U		<0.012	U		0.0028	J		<0.016	U	
		VMP-6-10-072220	7/22/2020	0.011	J		<0 0042	U		0.0044	J		<0.013	U		0.004	J		<0.012	U		<0.015	U		<0.016	U	
		VMP-6-10-102920	10/29/2020	0.017	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.027	U		<0 0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-6-31.5-042720	4/27/2020	0.023	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0035	J		0.16		
		VMP-6-31.5-072220	7/22/2020	0.013	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		0.0095	J		0.0015	J		<0.017	U	
		VMP-6-31.5-102920	10/29/2020	0.021	J		0.0009	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	0.013	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-7-5-042720	4/27/2020	0.03	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		0.0091	J		<0.018	U	
		VMP-7-5-073020	7/30/2020	0.037			<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0029	J		<0.015	U	
		VMP-7-5-110420	11/4/2020	0.01	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		0.0049	J	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	0.0094	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0059	J		<0.014	U		<0.015	U	
		VMP-7-13.5-042720	4/27/2020	0.012	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		0.0022	J		<0.018	U	
		VMP-7-13.5-073020	7/30/2020	0.045			<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0075	J		0.0024	J	
		VMP-7-13.5-110420	11/4/2020	0.02	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0023	J		0.0082	J	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	0.0071	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-7-29.5-012720-DUP	1/27/2020	0.0076	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-7-29.5-042720	4/27/2020	0.015	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0019	J		<0.017	U	
		VMP-7-29.5-073020	7/30/2020	0.035			<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-7-29.5-110420	11/4/2020	0.097			<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0018	J		0.012	J	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.033	U		<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.034	U		<0 0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-8-5-042220	4/22/2020	0.011	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-8-5-072220	7/22/2020	0.019	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0019	J		<0.015	U	
		VMP-8-5-102820	10/28/2020	0.018	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	0.0064	J		<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-9.5-042220	4/22/2020	0.0077	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-8-9.5-072220	7/22/2020	0.02	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0018	J		<0.016	J	U
		VMP-8-9.5-072220-DUP	7/22/2020	0.02	J		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.002	J		<0.015	U	
		VMP-8-9.5-102820	10/28/2020	0.017	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	0.011	J		<0 0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-8-23.5-042220	4/22/2020	0.021	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		0.005	J		0.0026	J		0.002	J	
		VMP-8-23.5-072220	7/22/2020	0.029			<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		0.0034	J		<0.015	U	
		VMP-8-23.5-102820	10/28/2020	<0.029	J	U	<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	0.0054	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-8-35.5-042220	4/22/2020	0.0098	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0021	J		<0.015	U		<0.016	U	
		VMP-8-35.5-072220	7/22/2020	0.013	J		0.00084	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0024	J		0.018		
		VMP-8-35.5-102820	10/28/2020	<0.03	J	U	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		0.0022	J	
		VMP-8-35.5-102820-DUP	10/28/2020	0.012	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	0.006	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-9-5-042220	4/22/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-5-072220	7/22/2020	0.02	J		<0 0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0026	J		0.004	J	
		VMP-9-5-072220-DUP	7/22/2020	0.017	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0017	J		<0.016	U	
		VMP-9-5-102820	10/28/2020	0.026	J		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.0027	J		<0.015	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	0.0078	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-11.5-042220	4/22/2020	0.018	J		0.0015	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0035	J		<0.016	U	
		VMP-9-11.5-072220	7/22/2020	0.026	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0037	J		<0.016	U	
		VMP-9-11.5-102820	10/28/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	0.0058	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-9-25.5-042220	4/22/2020	0.008	J		<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-9-25.5-042220-DUP	4/22/2020	0.048			0.0036	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0059	J		<0.015	U	
		VMP-9-25.5-072220	7/22/2020	0.019	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-9-25.5-102820	10/28/2020	<0.029	J	U	<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-9-25.5-102820-DUP	10/28/2020	0.011	J		0.0004	J		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	0.0099	J		<0 0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-18-8.5-042920	4/29/2020	0.0091	J		<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-18-8.5-042920-DUP	4/29/2020	0.018	J		<0 0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-18-8.5-112420	11/24/2020	0.019	J		<0 0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-19-5-043020	4/30/2020	0.0077	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-19-5-043020-DUP	4/30/2020	0.0067	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-19-5-072720	7/27/2020	0.023	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		0.0018	J		0.0026	J		0.002	J	
		VMP-19-5-110420	11/4/2020	0.036			<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0056	J		<0.016	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	0.0081	J		<0 0045	U		<0.0094	U		<0.014	U		<0.054	U		0.0044	J		<0.016	U		<0.018	U	
		VMP-20-5-022120	2/21/2020	0.0088	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-20-5-042420	4/24/2020	0.019	J		<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-20-5-072320	7/23/2020	0.012	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0027	J		<0.015	U	
		VMP-20-5-112420	11/24/2020	0.08			0.00094	J		<0.0073	U		<0.011	U		<0.042	U		<0.01	U		0.0044	J		0.013	J	
	10 ft	VMP-20-10-012420	1/24/2020	0.018	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-20-10-042420	4/24/2020	0.014	J		<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-20-10-072320	7/23/2020	0.0096	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0015	J		<0.016	U	
		VMP-20-10-110220	11/2/2020	0.0079	J		<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	25 ft	VMP-20-25-012420	1/24/2020	0.014	J		<0 0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-20-25-042420	4/24/2020	0.011	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-20-25-072320	7/23/2020	0.024	J		<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		0.0066	J		0.0033	J	
		VMP-20-25-110220	11/2/2020	0.022	J		<0 0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		0.0092	J	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-012220	1/22/2020	0.0058	J		<0 0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-5-042320	4/23/2020	0.024	J	J	0.0026	J		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		0.0033	J		<0.018	U	
		VMP-21-5-072420	7/24/2020	0.018	J		0.00038	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0066	J	
		VMP-21-5-102920	10/29/2020	<0.029	J	U	<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0018	J		<0.015	J	U
	10 ft	VMP-21-10-012220	1/22/2020	<0.033	U		<0 0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-10-042320	4/23/2020	0.01	J	J	<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-21-10-072420	7/24/2020	0.013	J		<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.04		
		VMP-21-10-102920	10/29/2020	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0041	J		<0.015	U		<0.016	J	U
	25 ft	VMP-21-25-012220	1/22/2020	0.0063	J		<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-25-042320	4/23/2020	<0.033	U	UJ	<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-21-25-072420	7/24/2020	0.028	J		<0 0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-21-25-102920	10/29/2020	0.029	J		<0 0041	U		0.0037	J		<0.013	U		<0.05	U		<0.012	U		0.0052	J		<0.016	J	U
	33 ft	VMP-21-33-012220	1/22/2020	0.0063	J		<0 0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-21-33-042320	4/23/2020	0.01	J	J	<0 0038	U		<0.008	U		<0.012	U		<0.046	U		0.0048	J		<0.014	U		<0.015	U	
		VMP-21-33-072420	7/24/2020	0.027	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0039	J		0.0021	J	
		VMP-21-33-102920	10/29/2020	0.01	J		0.00042	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	J	U
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	0.0088	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-5-042820	4/28/2020	0.015	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-22-5-072320	7/23/2020	0.04			<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0068	J		0.005	J	
		VMP-22-5-110520	11/5/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	10 ft	VMP-22-10-012320	1/23/2020	0.005	J		0.0021	J		<0.009	U		<0.014	U		<0.052	U		0.0042	J		<0.016	U		<0.017	U	
		VMP-22-10-042820	4/28/2020	0.013	J		0.0011	J		<0.0077	U		<0.012	U		<0.045	U		0.0075	J		<0.014	U		<0.014	U	
		VMP-22-10-072320	7/23/2020	0.054			0.0022	J		0.0043	J		<0.013	U		<0.048	U		0.008	J		0.0042	J		0.0032	J	
		VMP-22-10-110520	11/5/2020	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0073	J		0.003	J		<0.016	U	
	18 ft	VMP-22-18-012320	1/23/2020	0.0086	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-22-18-042820	4/28/2020	0.018	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0046	J		0.0075	J		<0.016	U	
		VMP-22-18-072320	7/23/2020	0.024	J		<0 0044	U		0.0096			<0.014	U		<0.053	U		<0.013	U		0.0023	J		0.0025	J	
		VMP-22-18-110520	11/5/2020	0.011	J		0.00063	J		<0.0081	U		<0.012	U		<0.047	U		0.0052	J		<0.014	U		<0.015	U	
	38 ft	VMP-22-38-012320	1/23/2020	0.0073	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.031	U		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-22-38-042820	4/28/2020	0.038		J	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		0.0065	J		0.0034	J		<0.016	U	
		VMP-22-38-042820-DUP	4/28/2020	0.0068	J	J	<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		0.005	J		<0.015	U		<0.016	U	
		VMP-22-38-110520	11/5/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0098	J		<0.015	U		<0.016	J	U
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	0.0052	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-23-5-042820	4/28/2020	0.024	J		<0.004	U		0.0033	J		<0.013	U		<0.048	U		0.0032	J		0.004	J		<0.016	U	
		VMP-23-5-072320	7/23/2020	0.042			0.033			<0.0086	U		<0.013	U		<0.05	U		0.036			0.011	J		0.0019	J	
		VMP-23-5-102920	10/29/2020	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.029	U		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-23-10-042820	4/28/2020	0.017	J		<0.004	U		0.0092			<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-23-10-072320	7/23/2020	0.012	J		<0 0043	U		0.0034	J		<0.014	U		<0.053	U		<0.013	U		0.0026	J		<0.017	U	
		VMP-23-10-102920	10/29/2020	0.049			<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0017	J		<0.015	J	U
		VMP-23-10-102920-DUP	10/29/2020	0.029			<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	J	U
	25 ft	VMP-23-25-012820	1/28/2020	0.0044	J	J	<0 0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-23-25-012820-DUP	1/28/2020	0.0047	J	J	<0 0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		<0.013	U		<0.014	U	
		VMP-23-25-042820	4/28/2020	0.012	J		<0 0042	U		0.0044	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-23-25-042820-DUP	4/28/2020	0.058			0.0046			0.0036	J		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-23-25-072320	7/23/2020	0.012	J		0.0015	J		0.01			<0.014	U		<0.052	U		<0.013	U		0.0025	J		<0.017	U	
		VMP-23-25-102920	10/29/2020	0.011	J		<0 0039	U		0.0035	J		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	J	U

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-012320	1/23/2020	0.0074	J		<0 0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-24-5-012320-DUP	1/23/2020	0.012	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-24-5-042220	4/22/2020	0.011	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-24-5-072220	7/22/2020	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0022	J		<0.016	J	U
		VMP-24-5-102920	10/29/2020	0.012	J		0.0005	J		<0.0086	U		<0.013	U		<0.05	U		0.0086	J		0.0017	J		0.0078	J	
	10 ft	VMP-24-10-012320	1/23/2020	0.0061	J		<0 0048	U		<0.01	U		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-24-10-042220	4/22/2020	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-24-10-072220	7/22/2020	0.013	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0031	J		<0.015	U	
		VMP-24-10-102920	10/29/2020	0.0089	J		0.00035	J		<0.0081	U		<0.012	U		<0.047	U		0.0046	J		<0.014	U		<0.015	U	
	22 ft	VMP-24-22-012320	1/23/2020	0.011	J		<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-24-22-042220	4/22/2020	0.097		J	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0032	J		<0.016	U	
		VMP-24-22-042220-DUP	4/22/2020	0.033		J	<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-24-22-072220	7/22/2020	0.02	J		0.00037	J		<0.0079	U		<0.012	U		<0.046	U		0.0037	J		0.0017	J		<0.015	U	
		VMP-24-22-102920	10/29/2020	0.008	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		0.0037	J	
	34 ft	VMP-24-34-012320	1/23/2020	0.01	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-24-34-042220	4/22/2020	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-24-34-072220	7/22/2020	0.024	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0028	J		<0.016	U	
		VMP-24-34-102920	10/29/2020	0.015	J		0.0008	J		<0.0086	U		<0.013	U		<0.05	U		0.0058	J		<0.015	U		0.0024	J	
		VMP-24-34-102920-DUP	10/29/2020	0.009	J		0.00033	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0025	J	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	0.023	J		<0.006	U		<0.013	U		<0.02	U		<0.074	U		0.0046	J		0.0063	J		<0.024	U	
		VMP-32-5-042920	4/29/2020	0.01	J		0.00092	J		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-32-5-072920	7/29/2020	0.025	J		<0 0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.012	U		0.0029	J		0.0022	J	
		VMP-32-5-110420	11/4/2020	0.018	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0034	J		<0.016	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.032	U		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-32-10-042920	4/29/2020	0.011	J		<0 0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-32-10-072920	7/29/2020	0.028	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0047	J		<0.016	U	
		VMP-32-10-110420	11/4/2020	0.02	J		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.0015	J		<0.015	U	
	20 ft	VMP-32-20-012820	1/28/2020	0.0072	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0044	J		<0.017	U	
		VMP-32-20-042920	4/29/2020	0.027	J		<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-32-20-072920	7/29/2020	0.018	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.003	J		<0.016	U	
		VMP-32-20-110420	11/4/2020	0.028	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0016	J		<0.016	U	
	30 ft	VMP-32-30-012820	1/28/2020	0.0084	J		<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		0.0018	J		<0.017	U		<0.018	U	
		VMP-32-30-072920	7/29/2020	0.021	J		<0 0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0022	J		0.017		
		VMP-32-30-110420	11/4/2020	0.021	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.058		
		VMP-32-30-110420-DUP	11/4/2020	0.025	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	0.01	J	J	<0 0047	U		<0.01	U		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-42-10-042920	4/29/2020	<0.035	U		<0 0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-42-10-072820	7/28/2020	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.003	J		<0.016	U	
		VMP-42-10-110520	11/5/2020	0.0086	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.034	U	UJ	<0 0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-42-20-042920	4/29/2020	0.0093	J		<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-42-20-042920-DUP	4/29/2020	0.0076	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-42-20-072820	7/28/2020	0.017	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0013	J		<0.015	U	
		VMP-42-20-110520	11/5/2020	0.021	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0019	J		<0.015	J	U
	30 ft	VMP-42-30-012720	1/27/2020	<0.034	U	UJ	<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-42-30-042920	4/29/2020	<0.037	U		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.015	U		<0.018	U		<0.02	U	
		VMP-42-30-072820	7/28/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-42-30-110520	11/5/2020	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	J	U
		VMP-42-30-110520-DUP	11/5/2020	0.018	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.002	J		<0.015	J	U

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012720	1/27/2020	0.0061	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-43-10-043020	4/30/2020	0.022	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-43-10-072820	7/28/2020	0.042			<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.005	J		<0.016	U	
		VMP-43-10-110320	11/3/2020	0.018	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.032	U		<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-43-20-043020	4/30/2020	0.014	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-43-20-072820	7/28/2020	0.048			<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		0.12			0.0041	J		<0.017	U	
		VMP-43-20-110320	11/3/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0018	J		0.002	J	
	30 ft	VMP-43-30-012720	1/27/2020	0.01	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-43-30-043020	4/30/2020	0.01	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-43-30-072820	7/28/2020	0.02	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0022	J		0.0041	J	
		VMP-43-30-110320	11/3/2020	0.018	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		0.0094	J		0.0036	J		<0.015	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	0.011	J		<0 0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-44-10-043020	4/30/2020	0.0067	J		0.00069	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-44-10-072820	7/28/2020	0.0032	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		0.004	J		<0.014	U		<0.015	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.034	U		<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-44-20-043020	4/30/2020	0.04			<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.003	J		0.0037	J	
		VMP-44-20-072820	7/28/2020	0.0083	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-44-30-012720	1/27/2020	0.0091	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-44-30-012720-DUP	1/27/2020	0.006	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-44-30-043020	4/30/2020	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.03	U		0.0014	J		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-45-10-042720	4/27/2020	0.0097	J		<0 0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-45-10-072820	7/28/2020	0.011	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		0.0019	J		<0.016	U		0.0077	J	
		VMP-45-10-110520	11/5/2020	0.013	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0016	J		<0.016	U	
	20 ft	VMP-45-20-012720	1/27/2020	0.0067	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-45-20-042720	4/27/2020	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-45-20-072820	7/28/2020	0.016	J		<0 0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		0.0022	J		<0.017	U	
		VMP-45-20-110520	11/5/2020	0.033			0.0011	J		<0.0083	U		<0.013	U		<0.048	U		0.0058	J		0.0022	J		<0.015	J	U
	30 ft	VMP-45-30-012720	1/27/2020	0.014	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		0.024			<0.016	U		<0.017	U	
		VMP-45-30-042720	4/27/2020	0.019	J		0.0009	J		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-45-30-072820	7/28/2020	0.028	J		<0 0047	U		<0.0098	U		<0.015	U		<0.057	U		0.021			0.0036	J		0.004	J	
		VMP-45-30-110520	11/5/2020	<0.028	J	U	<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	J	U
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	0.0093	J		0.0072		J	0.0082	J		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.018	U	
		VMP-47-5-012920-DUP	1/29/2020	0.01	J		0.028		J	0.0095			<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-47-5-042820	4/28/2020	0.017	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-47-5-072720	7/27/2020	0.058			<0 0039	U		0.0078	J		<0.013	U		<0.048	U		<0.012	U		0.011	J		<0.015	U	
		VMP-47-5-110220	11/2/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	10 ft	VMP-47-10-012920	1/29/2020	0.0053	J		0.002	J		0.016			<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-10-042820	4/28/2020	0.0088	J		<0 0044	U		0.011			<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-10-042820-DUP	4/28/2020	0.036			<0 0045	U		0.011			<0.014	U		<0.055	U		<0.013	U		0.0031	J		0.0049	J	
		VMP-47-10-072720	7/27/2020	0.02	J		<0 0038	U		0.024			<0.012	U		<0.046	U		<0.011	U		0.0029	J		<0.015	U	
		VMP-47-10-072720-DUP	7/27/2020	0.012	J		<0 0038	U		0.025			<0.012	U		<0.047	U		<0.011	U		<0.014	U		0.0098	J	
		VMP-47-10-110220	11/2/2020	<0.028	J	U	<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.031	U		<0 0042	U		0.0027	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-47-20-042820	4/28/2020	0.016	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-20-072720	7/27/2020	0.013	J		<0 0038	U		0.009			<0.012	U		<0.046	U		<0.011	U		<0.014	U		0.0023	J	
		VMP-47-20-110220	11/2/2020	0.056			<0 0042	U		0.0022	J		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.034	U		<0 0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-47-30-042820	4/28/2020	0.021	J		<0 0043	U		0.0035	J		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-47-30-072720	7/27/2020	0.024	J		<0 0039	U		0.0035	J		<0.012	U		<0.047	U		<0.012	U		<0.014	U		0.002	J	
		VMP-47-30-110220	11/2/2020	0.016	J		<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-47-30-110220-DUP	11/2/2020	0.023	J		<0 0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-48	5 ft	VMP-48-5-012920	1/29/2020	0.011	J		<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-48-5-042420	4/24/2020	0.038			<0 0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		0.0041	J	
		VMP-48-5-073020	7/30/2020	0.045			<0 0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		0.003	J		0.0026	J	
		VMP-48-5-110220	11/2/2020	0.014	J		<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.035	U		<0 0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-48-10-042420	4/24/2020	0.013	J		<0 0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-48-10-073020	7/30/2020	0.016	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0015	J		<0.016	U	
		VMP-48-10-073020-DUP	7/30/2020	0.015	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0021	J		<0.015	U	
		VMP-48-10-110220	11/2/2020	0.011	J		<0 0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	VMP-48-20-110220	11/2/2020	0.009	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		0.0067	J	
	30 ft	VMP-48-30-012920	1/29/2020	<0.034	U		<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-48-30-073020	7/30/2020	0.015	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-48-30-110220	11/2/2020	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	0.0066	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-5-042920	4/29/2020	0.016	J		<0 0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-49-5-072420	7/24/2020	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-5-072420-DUP	7/24/2020	0.042			<0 0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.003	J		0.0032	J	
		VMP-49-5-110420	11/4/2020	0.017	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		0.021			0.0019	J		<0.016	U	
	10 ft	VMP-49-10-012220	1/22/2020	0.01	J		<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-49-10-042920	4/29/2020	0.02	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-10-072420	7/24/2020	0.05			0.00037	J		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-49-10-110420	11/4/2020	0.039			<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0018	J		<0.016	U	
	20 ft	VMP-49-20-012220	1/22/2020	0.0069	J		<0 0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-49-20-042920	4/29/2020	0.006	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-49-20-042920-DUP	4/29/2020	0.0093	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-20-072420	7/24/2020	0.054			0.00044	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0063	J		0.0027	J	
		VMP-49-20-110420	11/4/2020	0.0075	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.03	U		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-30-042920	4/29/2020	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-49-30-072420	7/24/2020	0.032			0.00037	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.003	J		0.0037	J	
		VMP-49-30-110420	11/4/2020	<0.95	U		<0.32	U		<0.67	U		<1	U		<1.6	U		240			<1.2	U		<1.2	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	0.0093	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-5-042820	4/28/2020	0.014	J		<0 0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-50-5-072720	7/27/2020	0.024	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0027	J	
		VMP-50-5-110520	11/5/2020	0.013	J		<0 0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.011	U		0.0015	J		<0.014	J	U
	10 ft	VMP-50-10-012820	1/28/2020	<0.033	U		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-50-10-042820	4/28/2020	0.014	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-10-072720	7/27/2020	0.017	J		<0 0037	U		0.0048	J		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.0017	J	
		VMP-50-10-110520	11/5/2020	0.016	J		<0 0039	U		0.0038	J		<0.012	U		<0.047	U		0.0044	J		0.0024	J		<0.015	J	U
	20 ft	VMP-50-20-012820	1/28/2020	0.009	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-50-20-042820	4/28/2020	0.0088	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-50-20-072720	7/27/2020	0.13			<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		0.0047	J		0.0078	J		0.03		
		VMP-50-20-110520	11/5/2020	0.012	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	J	U
		VMP-50-20-110520-DUP	11/5/2020	0.013	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0049	J		<0.016	U		<0.016	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.64	U		<0.086	U		<0.18	U		<0.28	U		<1	U		6.5			<0.32	U		<0.34	U	
		VMP-50-30-042820	4/28/2020	<0.4	U		<0.054	U		<0.11	U		<0.18	U		<0.66	U		10			<0.2	U		<0.21	U	
		VMP-50-30-072720	7/27/2020	0.039	J		<0.04	U		<0.084	U		<0.13	U		<0.48	U		5.3			<0.15	U		<0.16	U	
		VMP-50-30-110520	11/5/2020	0.022	J		<0 0079	U		<0.016	U		<0.026	U		<0.096	U		1.1			<0.029	U		<0.031	J	U

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-51	5 ft	VMP-51-5-012820	1/28/2020	0.011	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-51-5-012820-DUP	1/28/2020	0.012	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		0.0025	J		<0.017	U	
		VMP-51-5-042720	4/27/2020	0.008	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-51-5-072320	7/23/2020	0.024	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		0.0028	J		0.0073	J		0.0022	J	
		VMP-51-5-103020	10/30/2020	<0.03	J	U	<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-51-10-012820	1/28/2020	0.0098	J		<0 0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-51-10-042720	4/27/2020	0.027	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0054	J		<0.016	U	
		VMP-51-10-072320	7/23/2020	0.028			0.00098	J		0.0014	J		<0.012	U		<0.045	U		<0.011	U		0.005	J		0.0022	J	
		VMP-51-10-103020	10/30/2020	<0.03	J	U	<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	VMP-51-20-022120	2/21/2020	0.013	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-51-20-042720	4/27/2020	0.0066	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-51-20-072320	7/23/2020	0.0074	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-51-20-103020	10/30/2020	<0.031	J	U	<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-51-30-012820	1/28/2020	0.0099	J		0.0019	J		<0.009	U		<0.014	U		<0.052	U		0.0072	J		<0.016	U		<0.017	U	
		VMP-51-30-042720	4/27/2020	0.012	J		<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-51-30-072320	7/23/2020	0.013	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0022	J		<0.015	U	
		VMP-51-30-103020	10/30/2020	0.018	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.035	U		<0 0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-52-5-042720	4/27/2020	0.0099	J		0.0009	J		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-52-5-072320	7/23/2020	0.04			<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		0.0026	J		0.0044	J		<0.014	U	
		VMP-52-5-072320-DUP	7/23/2020	0.01	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-52-5-102920	10/29/2020	<0.031	J	U	<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-52-10-042720	4/27/2020	0.012	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-10-102920	10/29/2020	0.011	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	20 ft	VMP-52-20-012320	1/23/2020	0.0089	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-52-20-042720	4/27/2020	0.0064	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-20-072320	7/23/2020	0.011	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0022	J		<0.017	U	
		VMP-52-20-102920	10/29/2020	0.01	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	30 ft	VMP-52-30-012320	1/23/2020	0.016	J		<0 0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-52-30-042720	4/27/2020	0.025	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-52-30-042720-DUP	4/27/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-52-30-072320	7/23/2020	0.014	J		<0 0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		0.0024	J		<0.017	U	
		VMP-52-30-102920	10/29/2020	<0.029	J	U	<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	0.0086	J		<0 0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-53-5-042220	4/22/2020	0.01	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.012	J	
		VMP-53-5-072220	7/22/2020	0.016	J		0.00067	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0028	J		0.0049	J	
		VMP-53-5-102820	10/28/2020	0.019	J		<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	10 ft	VMP-53-10-012220	1/22/2020	0.0057	J		<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-53-10-042220	4/22/2020	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0025	J		<0.015	U		<0.016	U	
		VMP-53-10-072220	7/22/2020	0.017	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	J	U
		VMP-53-10-102820	10/28/2020	<0.028	J	U	<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.002	J	
	20 ft	VMP-53-20-012220	1/22/2020	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-20-042220	4/22/2020	0.05			0.0011	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0058	J		<0.016	U	
		VMP-53-20-072220	7/22/2020	0.015	J		0.00083	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.002	J		<0.016	J	U
		VMP-53-20-102820	10/28/2020	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-53-30-012220	1/22/2020	0.0047	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-53-30-012220-DUP	1/22/2020	0.0096	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-53-30-042220	4/22/2020	0.007	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-53-30-072220	7/22/2020	0.011	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-53-30-102820	10/28/2020	0.015	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-54	5 ft	VMP-54-5-012220	1/22/2020	0.0073	J		<0 0054	U		<0.011	U		<0.017	U		<0.065	U		<0.016	U		<0.02	U		<0.021	U	
		VMP-54-5-042720	4/27/2020	0.014	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		0.004	J		0.0018	J		<0.016	U	
		VMP-54-5-052120	5/21/2020	0.025	J		0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0034	J		<0.015	U	
		VMP-54-5-072220	7/22/2020	0.012	J		0.00036	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0028	J		<0.016	U	
		VMP-54-5-102820	10/28/2020	0.015	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0021	J		<0.015	U	
	10 ft	VMP-54-10-031220	3/12/2020	0.0075	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0044	J		<0.015	U		<0.015	U	
		VMP-54-10-042720	4/27/2020	0.011	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.002	J		<0.017	U	
		VMP-54-10-072220	7/22/2020	0.014	J		<0 0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-54-10-102820	10/28/2020	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.031	U		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-54-20-042720	4/27/2020	0.033			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0023	J		<0.016	U	
		VMP-54-20-072220	7/22/2020	0.016	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-54-20-102820	10/28/2020	<0.03	J	U	<0 0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.036	U		<0 0048	U		<0.01	U		<0.016	U		<0.059	U		<0.014	U		<0.018	U		<0.019	U	
		VMP-54-30-042720	4/27/2020	0.012	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0068	J		<0.016	U		0.0032	J	
		VMP-54-30-072220	7/22/2020	0.023	J		0.0015	J		<0.0087	U		<0.013	U		<0.051	U		0.0056	J		0.0024	J		0.0018	J	
		VMP-54-30-102820	10/28/2020	0.0084	J		<0 0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.034	U		<0 0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-56-10-042420	4/24/2020	0.028	J		<0 0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0019	J		<0.016	U	
		VMP-56-10-072320	7/23/2020	0.048			0.0016	J		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0066	J		0.0029	J	
		VMP-56-10-072320-DUP	7/23/2020	0.029	J		0.0021	J		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.0049	J		0.0048	J	
		VMP-56-10-110320	11/3/2020	<0.029	J	U	<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	25 ft	VMP-56-25-012220	1/22/2020	0.0093	J		<0 0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-56-25-042420	4/24/2020	0.0075	J		<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		0.0025	J		0.017	J	
		VMP-56-25-072320	7/23/2020	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-56-25-110320	11/3/2020	0.023	J		0.00094	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.0035	J	
		VMP-56-25-110320-DUP	11/3/2020	0.029	J		0.0023	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		0.002	J	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	0.0067	J		<0 0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-62-5-042820	4/28/2020	0.031	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-62-5-072720	7/27/2020	0.029			<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-62-5-102920	10/29/2020	0.011	J		<0 0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0095	J		0.0014	J		<0.015	U	
	10 ft	VMP-62-10-012920	1/29/2020	0.0088	J		<0 0041	U		0.0041	J		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-62-10-042820	4/28/2020	0.011	J		<0 0048	U		0.0085	J		<0.015	U		<0.058	U		<0.014	U		<0.018	U		<0.019	U	
		VMP-62-10-072720	7/27/2020	0.012	J		<0 0036	U		0.0021	J		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-62-10-102920	10/29/2020	0.016	J		<0 0039	U		0.0031	J		<0.012	U		<0.047	U		<0.012	U		0.0031	J		<0.015	J	U
	20 ft	VMP-62-20-012920	1/29/2020	0.0057	J		<0 0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-62-20-042820	4/28/2020	0.023	J		<0 0043	U		0.015			<0.014	U		<0.053	U		<0.013	U		<0.016	U		0.012	J	
		VMP-62-20-042820-DUP	4/28/2020	0.016	J		<0 0044	U		0.015			<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-62-20-072720	7/27/2020	0.022	J		<0 0037	U		0.0021	J		<0.012	U		<0.045	U		<0.011	U		0.0048	J		<0.014	U	
		VMP-62-20-102920	10/29/2020	0.023	J		<0.004	U		0.0013	J		<0.013	U		<0.049	U		<0.012	U		0.0036	J		<0.016	U	
	30 ft	VMP-62-30-012920	1/29/2020	0.0091	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-62-30-042820	4/28/2020	0.025	J		<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-62-30-072720	7/27/2020	0.018	J		<0 0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-62-30-102920	10/29/2020	0.016	J		<0 0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0014	J		<0.015	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			0.37			450000			11			6.9						6400			780		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-63	5 ft	VMP-63-5-012720	1/27/2020	0.0075	J	J	<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-5-012720-DUP	1/27/2020	0.0054	J	J	<0 0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-63-5-042420	4/24/2020	0.015	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-63-5-072820	7/28/2020	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0026	J		0.0092	J	
		VMP-63-5-110320	11/3/2020	<0.029	J	U	0.00089	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	10 ft	VMP-63-10-012720	1/27/2020	0.02	J		0.002	J		<0.0081	U		<0.012	U		<0.047	U		0.013			<0.014	U		<0.015	U	
		VMP-63-10-042420	4/24/2020	0.014	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.0027	J		<0.017	U	
		VMP-63-10-072820	7/28/2020	0.015	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.002	J		<0.017	U	
		VMP-63-10-110320	11/3/2020	<0.028	J	U	<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.032	U	UJ	<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-20-042420	4/24/2020	0.018	J		<0 0038	U		<0.008	U		<0.012	U		<0.047	U		0.0021	J		0.003	J		<0.015	U	
		VMP-63-20-072820	7/28/2020	0.04			<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0031	J		<0.015	U	
		VMP-63-20-110320	11/3/2020	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0028	J		<0.016	U	
	30 ft	VMP-63-30-012720	1/27/2020	0.005	J	J	<0 0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-63-30-042420	4/24/2020	0.0069	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0017	J		<0.016	U	
		VMP-63-30-072820	7/28/2020	0.01	J		<0 0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-63-30-072820-DUP	7/28/2020	0.014	J		<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		0.0012	J		<0.014	U	
		VMP-63-30-110320	11/3/2020	0.012	J		0.00062	J		<0.0081	U		<0.012	U		<0.047	U		0.0047	J		<0.014	U		<0.015	J	U
		VMP-63-30-110320-DUP	11/3/2020	0.013	J		0.0005	J		<0.0081	U		<0.012	U		<0.047	U		0.0066	J		0.0013	J		<0.015	J	U
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	0.012	J		<0 0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		0.0048	J		<0.017	U	
		VMP-64-5-042420	4/24/2020	0.013	J		<0 0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.012	U		0.0034	J		<0.016	U	
		VMP-64-5-072420	7/24/2020	0.068			0.00091	J		<0.0082	U		<0.013	U		<0.047	U		0.0074	J		0.0062	J		0.0019	J	
		VMP-64-5-103020	10/30/2020	0.04			<0 0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		0.0026	J		<0.014	U	
	10 ft	VMP-64-10-012820	1/28/2020	0.0082	J		<0 0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-64-10-042420	4/24/2020	0.0093	J		<0 0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-64-10-072420	7/24/2020	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-64-10-103020	10/30/2020	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		0.0024	J		<0.015	U		<0.016	U	
	20 ft	VMP-64-20-012820	1/28/2020	0.0081	J		<0 0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-64-20-042420	4/24/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0015	J		<0.016	U	
		VMP-64-20-042420-DUP	4/24/2020	0.014	J		<0 0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-64-20-072420	7/24/2020	0.0097	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
		VMP-64-20-072420-DUP	7/24/2020	0.012	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-64-20-103020	10/30/2020	<0.027	J	U	<0 0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0042	U	
		VMP-1-5-042420	4/24/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-1-5-072820	7/28/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		0.0018	J		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-1-5-110220	11/2/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0067	U		<0.0045	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.0091	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.005	U	
		VMP-1-8.5-042420	4/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-1-8.5-072820	7/28/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.0015	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-1-8.5-110220	11/2/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0064	U		<0.0043	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	UJ	<0.0065	U		<0.0043	U	
		VMP-1-23.5-042420	4/24/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
		VMP-1-23.5-072820	7/28/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-1-23.5-110220	11/2/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0067	U		<0.0044	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U	UJ	<0.0066	U		<0.0044	U	
		VMP-1-38.5-072820	7/28/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-1-38.5-110220	11/2/2020	<0.0072	U		<0 0053	U		<0.0098	U		<0.012	U		0.0018	J		<0.024	U		<0.0059	U		<0.0039	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U	
		VMP-2-5-042420	4/24/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-2-5-072420	7/24/2020	<0.0072	U		<0 0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-2-5-110420	11/4/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-2-8.5-042420	4/24/2020	<0.0083	U		0.00098	J		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-2-8.5-072420	7/24/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-2-8.5-110420	11/4/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		0.0019	J		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-2-22-042420	4/24/2020	<0.0089	U		0.0014	J		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U	
		VMP-2-22-072420	7/24/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.0078			<0.026	U		<0.0066	U		<0.0044	U	
		VMP-2-22-110420	11/4/2020	<0.077	U		<0.056	U		<0.1	U		<0.13	U		<0.06	U		<0.1	U		<0.063	U		0.46		
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.011	U		<0 0078	U		<0.014	U		<0.018	U		<0.0083	U		<0.035	U	UJ	<0.0088	U		<0.0059	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-3-5-042920	4/29/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-3-5-072920	7/29/2020	<0.0084	U		0.00063	J		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-3-5-110420	11/4/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.0072	U		<0 0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-3-10-072920	7/29/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.003	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-3-10-110420	11/4/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		0.0059	J		<0.028	U		<0.007	U		<0.0046	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0021	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-3-22-042920	4/29/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		0.0025	J		<0.03	U		<0.0074	U		<0.0049	U	
		VMP-3-22-072920	7/29/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-3-22-110420	11/4/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		0.0051	J		<0.028	U		<0.007	U		<0.0046	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.074	U		<0.054	U		<0.1	U		<0.12	U		<0.057	U		<0.24	U		<0.061	U		<0.04	U	
		VMP-3-31.5-042920	4/29/2020	<2	U		<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.7	U		<1.7	U		<1.1	U	
		VMP-3-31.5-072920	7/29/2020	<0.065	U		<0.047	U		<0.088	U		<0.11	U		<0.05	U		<0.21	U		<0.053	U		<0.035	U	
		VMP-3-31.5-110420	11/4/2020	<7.9	U		<5.8	U		<11	U		<13	U		<6.2	U		<10	U		2.4	J		17		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-4-5-042820	4/28/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-4-5-073020	7/30/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-4-5-103020	10/30/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-4-12-042820	4/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-4-12-073020	7/30/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0011	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-4-12-103020	10/30/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0064	U		<0.0042	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-4-23.5-042820	4/28/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-4-23.5-073020	7/30/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		0.00073	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-4-23.5-103020	10/30/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0071	U		<0 0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0039	U	
		VMP-5-5-042720	4/27/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-5-5-072320	7/23/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-5-5-103020	10/30/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0028	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-5-12.5-042720	4/27/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-5-12.5-072320	7/23/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-5-12.5-103020	10/30/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		0.003	J		<0.025	U		<0.0064	U		<0.0042	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.0032	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-5-31-042720	4/27/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.0042	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-5-31-072320	7/23/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.0018	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0065	U		<0.0044	U	
		VMP-5-31-103020	10/30/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.0021	J		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U		<0.0067	U		<0.0044	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.0091	U		<0 0067	U		<0.012	U		<0.015	U		0.011			<0.03	U		<0.0075	U		<0.005	U	
		VMP-6-5-042720	4/27/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-6-5-072220	7/22/2020	0.0017	J		<0.006	U		<0.011	U		<0.014	U		0.0077			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-6-5-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0049	J		<0.026	U		<0.0064	U		<0.0042	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.017			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-6-10-042720	4/27/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0056	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-6-10-072220	7/22/2020	0.002	J		<0.006	U		<0.011	U		<0.014	U		0.087			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-6-10-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0087			<0.025	U		<0.0063	U		<0.0042	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0071	U		<0 0052	U		<0.0096	U		<0.012	U		0.0036	J		<0.023	U		<0.0058	U		<0.0039	U	
		VMP-6-31.5-042720	4/27/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.0037	J		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-6-31.5-072220	7/22/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.0059	J		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-6-31.5-102920	10/29/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		0.004	J		<0.024	U		<0.0062	U		<0.0041	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U	UJ	<0.0066	U		<0.0044	U	
		VMP-7-5-042720	4/27/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-7-5-073020	7/30/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0024	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-7-5-110420	11/4/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.013	U		0.0013	J		<0.025	U		<0.0062	U		<0.0041	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U	UJ	<0.0063	U		<0.0042	U	
		VMP-7-13.5-042720	4/27/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-7-13.5-073020	7/30/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0024	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-7-13.5-110420	11/4/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U		<0.0045	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		0.005	J		<0.025	U	UJ	<0.0064	U		<0.0042	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0045	J		<0.026	U	UJ	<0.0065	U		<0.0043	U	
		VMP-7-29.5-042720	4/27/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.026			<0.028	U		<0.0071	U		<0.0048	U	
		VMP-7-29.5-073020	7/30/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.021			<0.027	U		<0.0067	U		<0.0044	U	
		VMP-7-29.5-110420	11/4/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0049	J		<0.025	U		<0.0063	U		<0.0042	U	

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U	
		VMP-8-5-042220	4/22/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-8-5-072220	7/22/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		0.0034	J		<0.025	U		<0.0064	U		<0.0042	U	
		VMP-8-5-102820	10/28/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-8-9.5-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-8-9.5-072220	7/22/2020	<0.008	U		<0 0059	U		<0.011	U		0.0031	J		0.0011	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0044	J		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-8-9.5-102820	10/28/2020	<0.008	U		0.0049	J		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U	
		VMP-8-23.5-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		0.0048		
		VMP-8-23.5-072220	7/22/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
		VMP-8-23.5-102820	10/28/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-8-35.5-042220	4/22/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-8-35.5-072220	7/22/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.015			<0.025	U		<0.0063	U		<0.0042	U	
		VMP-8-35.5-102820	10/28/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0044	U	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.013	U		0.0018	J		<0.025	ND,UJ	UJ	<0.0062	U		<0.0041	U	
		VMP-9-5-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-9-5-072220	7/22/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0011	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.00079	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-9-5-102820	10/28/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0031	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-9-11.5-042220	4/22/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.003	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-9-11.5-072220	7/22/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0076			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-9-11.5-102820	10/28/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U		<0.0043	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	ND,UJ	UJ	<0.0064	U		<0.0042	U	
		VMP-9-25.5-042220	4/22/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-9-25.5-072220	7/22/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.003	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-9-25.5-102820	10/28/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0028	J		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-9-25.5-102820-DUP	10/28/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0024	J		<0.025	U		<0.0062	U		<0.0041	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.0093	U		<0 0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U	
		VMP-18-8.5-042920	4/29/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.007	U		<0 0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U	
		VMP-18-8.5-112420	11/24/2020	<0.007	U		<0 0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0038	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-19-5-043020	4/30/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		0.0022	J		<0.0062	U		<0.0041	U	
		VMP-19-5-072720	7/27/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0035	J		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-19-5-110420	11/4/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U		<0.0045	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0088	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-20-5-022120	2/21/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-20-5-042420	4/24/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-20-5-072320	7/23/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.0008	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-20-5-112420	11/24/2020	<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U		<0.0037	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-20-10-042420	4/24/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-20-10-072320	7/23/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-20-10-110220	11/2/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-20-25-042420	4/24/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-20-25-072320	7/23/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		0.0038	J	
		VMP-20-25-110220	11/2/2020	<0.0071	U		<0 0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		<0.0039	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-012220	1/22/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-21-5-042320	4/23/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U	
		VMP-21-5-072420	7/24/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-21-5-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.00071	J		<0.026	U		<0.0064	U		<0.0042	U	
	10 ft	VMP-21-10-012220	1/22/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-21-10-042320	4/23/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-21-10-072420	7/24/2020	<0.0072	U		<0 0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-21-10-102920	10/29/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.00074	J		<0.026	U		<0.0065	U		<0.0043	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-21-25-042320	4/23/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-21-25-072420	7/24/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-21-25-102920	10/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0096			<0.027	U		<0.0067	U		<0.0044	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U		<0.0049	U	
		VMP-21-33-042320	4/23/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-21-33-072420	7/24/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-21-33-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.00074	J		<0.026	U		<0.0064	U		<0.0042	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-22-5-042820	4/28/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-22-5-072320	7/23/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.01			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-22-5-110520	11/5/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0005	J		<0.025	U		<0.0063	U		<0.0042	U	
	10 ft	VMP-22-10-012320	1/23/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-22-10-042820	4/28/2020	<0.0073	U		<0 0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-22-10-072320	7/23/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.1			<0.026	U		<0.0064	U		<0.0043	U	
		VMP-22-10-110520	11/5/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U		<0.0043	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-22-18-042820	4/28/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0035	J		0.0021	J		<0.0066	U		<0.0044	U	
		VMP-22-18-072320	7/23/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.035			<0.028	U		<0.0071	U		<0.0047	U	
		VMP-22-18-110520	11/5/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0047	J		<0.025	U		<0.0063	U		<0.0042	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-22-38-042820	4/28/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.00087	J		<0.026	U		<0.0065	U		<0.0044	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.00093	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-22-38-110520	11/5/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U		<0.0043	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0038	J		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-23-5-042820	4/28/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		0.007			<0.026	U		<0.0064	U		<0.0043	U	
		VMP-23-5-072320	7/23/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.0029	J		<0.026	U		<0.0066	U		0.027		
		VMP-23-5-102920	10/29/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0036	J		<0.026	U		<0.0065	U		<0.0043	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0088			<0.025	U		<0.0062	U		<0.0041	U	
		VMP-23-10-042820	4/28/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.019			<0.026	U		<0.0064	U		<0.0043	U	
		VMP-23-10-072320	7/23/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.016			<0.028	U		<0.007	U		0 00036	J	
		VMP-23-10-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0062			<0.026	U		<0.0064	U		<0.0042	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0058	J		<0.026	U		<0.0064	U		<0.0042	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.007	U		<0 0051	U		<0.0094	U		<0.012	U		0.0042	J		<0.023	U		<0.0057	U		<0.0038	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.007	U		<0 0051	U		<0.0094	U		<0.012	U		0.0026	J		<0.023	U		<0.0057	U		<0.0038	U	
		VMP-23-25-042820	4/28/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.023			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.022			<0.025	U		<0.0062	U		<0.0041	U	
		VMP-23-25-072320	7/23/2020	<0.0084	U		<0 0062	U		<0.011	U		<0.014	U		0.017			<0.028	U		<0.0069	U		0.0014	J	
		VMP-23-25-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.008			<0.026	U		<0.0064	U		<0.0042	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-012320	1/23/2020	<0.0093	U		<0 0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-24-5-042220	4/22/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-24-5-072220	7/22/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-24-5-102920	10/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.00068	J		<0.027	U		<0.0067	U		<0.0044	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.0094	U		<0 0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U		<0.0051	U	
		VMP-24-10-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-24-10-072220	7/22/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.00034	J		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-24-10-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-24-22-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-24-22-072220	7/22/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.0018	J		<0.024	U		<0.0061	U		<0.004	U	
		VMP-24-22-102920	10/29/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-24-34-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-24-34-072220	7/22/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
		VMP-24-34-102920	10/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-24-34-102920-DUP	10/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.00043	J		<0.027	U		<0.0067	U		<0.0044	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.012	U		<0 0087	U		<0.016	U		<0.02	U		<0.0092	U		<0.039	U		<0.0098	U		0.0028	J	
		VMP-32-5-042920	4/29/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U	
		VMP-32-5-072920	7/29/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.00074	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-32-5-110420	11/4/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		<0.0045	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-32-10-042920	4/29/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-32-10-072920	7/29/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0013	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-32-10-110420	11/4/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0062	U		0.0004	J	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-32-20-042920	4/29/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-32-20-072920	7/29/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-32-20-110420	11/4/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.0091	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U	
		VMP-32-30-072920	7/29/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-32-30-110420	11/4/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-32-30-110420-DUP	11/4/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.0093	U		<0 0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U	UJ	<0.0077	U		<0.0051	U	
		VMP-42-10-042920	4/29/2020	<0.0093	U		<0 0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U	
		VMP-42-10-072820	7/28/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0035	J		<0.026	U		0.00067	J		<0.0043	U	
		VMP-42-10-110520	11/5/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0023	J		<0.025	U		<0.0063	U		<0.0042	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		0.008			<0.029	U	UJ	<0.0074	U		<0.0049	U	
		VMP-42-20-042920	4/29/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		0.0022	J		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-42-20-072820	7/28/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0033	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-42-20-110520	11/5/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0063	U		<0.0042	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		0.0033	J		<0.03	U	UJ	<0.0074	U		<0.0049	U	
		VMP-42-30-042920	4/29/2020	<0.0099	U		<0 0072	U		<0.013	U		<0.017	U		0.0026	J		<0.032	U		<0.0082	U		<0.0054	U	
		VMP-42-30-072820	7/28/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-42-30-110520	11/5/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0028	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0025	J		<0.026	U		<0.0064	U		<0.0042	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012720	1/27/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U	
		VMP-43-10-043020	4/30/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-43-10-072820	7/28/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-43-10-110320	11/3/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-43-20-043020	4/30/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-43-20-072820	7/28/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-43-20-110320	11/3/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0018	J		<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U		<0.0045	U	
		VMP-43-30-043020	4/30/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-43-30-072820	7/28/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-43-30-110320	11/3/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.0093	U		<0 0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	UJ	<0.0076	U		<0.0051	U	
		VMP-44-10-043020	4/30/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-44-10-072820	7/28/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U	
		VMP-44-20-043020	4/30/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-44-20-072820	7/28/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0056	J		<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0.0042	U	
		VMP-44-30-043020	4/30/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U	UJ	<0.0065	U		<0.0043	U	
		VMP-45-10-042720	4/27/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		<0.0046	U	
		VMP-45-10-072820	7/28/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-45-10-110520	11/5/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U		<0.0043	U	
		VMP-45-20-042720	4/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-45-20-072820	7/28/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-45-20-110520	11/5/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.00042	J		<0.026	U		<0.0064	U		<0.0042	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0048	U	
		VMP-45-30-042720	4/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
		VMP-45-30-072820	7/28/2020	<0.0092	U		<0 0068	U		<0.012	U		<0.016	U		0.0065	J		<0.03	U		<0.0076	U		<0.005	U	
		VMP-45-30-110520	11/5/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.0094	U		<0 0068	U		<0.013	U		<0.016	U		0.011			<0.031	U		<0.0077	U		0.0027	J	
		VMP-47-5-012920-DUP	1/29/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		0.012			<0.029	U		<0.0074	U		0.0088		
		VMP-47-5-042820	4/28/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-47-5-072720	7/27/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.03			<0.026	U		<0.0064	U		<0.0042	U	
		VMP-47-5-110220	11/2/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.026			<0.025	U		<0.0063	U		<0.0042	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		0.026			<0.028	U		<0.007	U		<0.0047	U	
		VMP-47-10-042820	4/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.016			<0.028	U		<0.0071	U		<0.0048	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		0.016			<0.029	U		<0.0073	U		<0.0048	U	
		VMP-47-10-072720	7/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.064			<0.024	U		<0.0061	U		<0.0041	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.069			<0.025	U		<0.0062	U		<0.0041	U	
		VMP-47-10-110220	11/2/2020	<0.0073	U		<0 0053	U		<0.0099	U		<0.012	U		0.0082			<0.024	U		<0.006	U		<0.004	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.014			<0.027	U		<0.0067	U		<0.0045	U	
		VMP-47-20-042820	4/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		0.0022	J		<0.028	U		<0.007	U		<0.0046	U	
		VMP-47-20-072720	7/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.036			<0.024	U		<0.0061	U		<0.004	U	
		VMP-47-20-110220	11/2/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.017			<0.027	U		<0.0068	U		0.0035	J	
	30 ft	VMP-47-30-012920	1/29/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		0.0078			<0.029	U		<0.0074	U		<0.0049	U	
		VMP-47-30-042820	4/28/2020	<0.0084	U		<0 0062	U		<0.011	U		<0.014	U		0.0056	J		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-47-30-072720	7/27/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0063	U		<0.0042	U	
		VMP-47-30-110220	11/2/2020	<0.0073	U		<0 0053	U		<0.0099	U		<0.012	U		0.0071			<0.024	U		<0.006	U		<0.004	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.007	U		<0 0052	U		<0.0095	U		<0.012	U		0.0066			<0.023	U		<0.0058	U		<0.0038	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012920	1/29/2020	<0.0091	U		<0 0066	U		<0.012	U		<0.015	U		0.004	J		<0.03	U	UJ	<0.0075	U		<0.005	U	
		VMP-48-5-042420	4/24/2020	<0.0092	U		<0 0067	U		<0.012	U		<0.015	U		0.0018	J		<0.03	U		<0.0076	U		<0.005	U	
		VMP-48-5-073020	7/30/2020	<0.0071	U		<0 0052	U		<0.0097	U		<0.012	U		0.0081			<0.023	U		<0.0059	U		0 00038	J	
		VMP-48-5-110220	11/2/2020	<0.0073	U		<0 0053	U		<0.0098	U		<0.012	U		0.0011	J		<0.024	U		<0.006	U		<0.004	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.0092	U		<0 0067	U		<0.012	U		<0.015	U		0.0021	J		<0.03	U		<0.0076	U		<0.005	U	
		VMP-48-10-042420	4/24/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.001	J		<0.028	U		<0.007	U		<0.0047	U	
		VMP-48-10-073020	7/30/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-48-10-110220	11/2/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
	20 ft	VMP-48-20-110220	11/2/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U		<0.0049	U	
		VMP-48-30-073020	7/30/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-48-30-110220	11/2/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	ND,UJ	UJ	<0.0063	U		<0.0042	U	
		VMP-49-5-042920	4/29/2020	<0.0093	U		<0 0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.0051	U	
		VMP-49-5-072420	7/24/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-49-5-110420	11/4/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.0091	U		<0 0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	ND,UJ	UJ	<0.0075	U		<0.005	U	
		VMP-49-10-042920	4/29/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U	
		VMP-49-10-072420	7/24/2020	<0.0088	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-49-10-110420	11/4/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U		<0.0045	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	ND,UJ	UJ	<0.0069	U		<0.0046	U	
		VMP-49-20-042920	4/29/2020	<0.0077	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		<0.0042	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-49-20-072420	7/24/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-49-20-110420	11/4/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	ND,UJ	UJ	<0.0066	U		<0.0044	U	
		VMP-49-30-042920	4/29/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-49-30-072420	7/24/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-49-30-110420	11/4/2020	<0.63	U		<0.46	U		<0.86	U		<1.1	U		<0.49	U		<0.83	U		<0.52	U		<0.34	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-50-5-042820	4/28/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U		0.0015	J	
		VMP-50-5-072720	7/27/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-50-5-110520	11/5/2020	<0.0072	U		<0 0053	U		<0.0098	U		<0.012	U		0.0026	J		<0.024	U		<0.0059	U		<0.0039	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		0.0036	J		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-50-10-042820	4/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.00097	J		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-50-10-072720	7/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.013			<0.024	U		<0.006	U		<0.004	U	
		VMP-50-10-110520	11/5/2020	0.0017	J		<0 0056	U		<0.01	U		<0.013	U		0.021			<0.025	U		<0.0063	U		<0.0042	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.012			<0.028	U		<0.0071	U		<0.0048	U	
		VMP-50-20-042820	4/28/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.0036	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-50-20-072720	7/27/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-50-20-110520	11/5/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0056	J		<0.026	U		<0.0064	U		0 00082	J	
		VMP-50-20-110520-DUP	11/5/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0058	J		<0.027	U		<0.0068	U		<0.0045	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.56	U		<0.14	U		1.1		
		VMP-50-30-042820	4/28/2020	<0.11	U		<0.078	U		<0.14	U		<0.18	U		<0.083	U		<0.35	U		<0.088	U		2.4		
		VMP-50-30-072720	7/27/2020	<0.079	U		<0.058	U		<0.11	U		<0.13	U		<0.061	U		<0.26	U		<0.065	U		0.88		
		VMP-50-30-110520	11/5/2020	<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		0.025	J		<0.013	U		0.016		

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012820	1/28/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-51-5-042720	4/27/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-51-5-072320	7/23/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-51-5-103020	10/30/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.014	U		0.0033	J		<0.028	U		<0.0071	U		<0.0048	U	
		VMP-51-10-042720	4/27/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.003	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-51-10-072320	7/23/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.003	J		<0.024	U		<0.006	U		0 00038	J	
		VMP-51-10-103020	10/30/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.0011	J		<0.026	U		<0.0066	U		<0.0044	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		0.002	J		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-51-20-042720	4/27/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-51-20-072320	7/23/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-51-20-103020	10/30/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0035	J		<0.027	U		<0.0068	U		<0.0045	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		0.0013	J		<0.028	U		<0.007	U		<0.0046	U	
		VMP-51-30-042720	4/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.0013	J		<0.024	U		<0.006	U		<0.004	U	
		VMP-51-30-072320	7/23/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-51-30-103020	10/30/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		0.0023	J		<0.028	U		<0.007	U		<0.0046	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.0092	U		<0 0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U		<0.005	U	
		VMP-52-5-042720	4/27/2020	<0.0073	U		<0 0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-52-5-072320	7/23/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.00089	J		<0.024	U		<0.006	U		<0.004	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.00094	J		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-52-5-102920	10/29/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-52-10-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-52-20-042720	4/27/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-52-20-072320	7/23/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		0.0021	J		<0.028	U		<0.007	U		<0.0046	U	
		VMP-52-20-102920	10/29/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		0.0024	J		<0.024	U		<0.0062	U		<0.0041	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-52-30-042720	4/27/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0014	J		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-52-30-072320	7/23/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		0.0023	J		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-52-30-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.003	J		<0.025	U		<0.0063	U		<0.0042	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0048	U	
		VMP-53-5-042220	4/22/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-53-5-072220	7/22/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.013	U		0.00063	J		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-53-5-102820	10/28/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	ND,UJ	UJ	<0.0061	U		<0.004	U	
		VMP-53-10-042220	4/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-53-10-072220	7/22/2020	<0.0084	U		<0 0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-53-10-102820	10/28/2020	<0.0073	U		<0 0053	U		<0.0099	U		<0.012	U		0.0013	J		<0.024	U		<0.006	U		<0.004	U	
	20 ft	VMP-53-20-012220	1/22/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	ND,UJ	UJ	<0.0065	U		<0.0043	U	
		VMP-53-20-042220	4/22/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-53-20-072220	7/22/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.0014	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-53-20-102820	10/28/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.001	J		<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		0.003	J	
		VMP-53-30-012220-DUP	1/22/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U		<0.0045	U	
		VMP-53-30-042220	4/22/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-53-30-072220	7/22/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.00076	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-53-30-102820	10/28/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		0.0092			<0.025	U		<0.0062	U		<0.0041	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-012220	1/22/2020	<0.01	U		<0 0077	U		<0.014	U		<0.018	U		<0.0082	U		<0.034	U		<0.0087	U		<0.0058	U	
		VMP-54-5-042720	4/27/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-54-5-052120	5/21/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-54-5-072220	7/22/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		0.00036	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-54-5-102820	10/28/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.0028	J		<0.025	U		<0.0063	U		<0.0042	U	
	10 ft	VMP-54-10-031220	3/12/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-54-10-042720	4/27/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-54-10-072220	7/22/2020	<0.0084	U		<0 0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-54-10-102820	10/28/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		0.00056	J		<0.026	U		<0.0064	U		<0.0043	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-54-20-042720	4/27/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-54-20-072220	7/22/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-54-20-102820	10/28/2020	<0.008	U		<0 0059	U		<0.011	U		<0.014	U		0.00085	J		<0.026	U		<0.0066	U		<0.0044	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U		<0.0052	U	
		VMP-54-30-042720	4/27/2020	<0.0083	U		<0 0061	U		<0.011	U		<0.014	U		0.0045	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-54-30-072220	7/22/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0007	J		<0.027	U		<0.0068	U		0.0025	J	
		VMP-54-30-102820	10/28/2020	<0.0075	U		<0 0055	U		<0.01	U		<0.012	U		0.0062			<0.024	U		<0.0062	U		<0.0041	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.0089	U		<0 0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U		<0.0049	U	
		VMP-56-10-042420	4/24/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-56-10-072320	7/23/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.038		
		VMP-56-10-072320-DUP	7/23/2020	<0.0087	U		<0 0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		0.039		
		VMP-56-10-110320	11/3/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U		<0.0044	U	
		VMP-56-25-042420	4/24/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.0014	J		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-56-25-072320	7/23/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-56-25-110320	11/3/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-56-25-110320-DUP	11/3/2020	<0.0081	U		<0 0059	U		<0.011	U		<0.014	U		0.001	J		<0.027	U		<0.0067	U		0.0067		
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-62-5-042820	4/28/2020	<0.0085	U		<0 0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-62-5-072720	7/27/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-62-5-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		0.014			<0.026	U	UJ	<0.0066	U		<0.0044	U	
		VMP-62-10-042820	4/28/2020	<0.0094	U		<0 0069	U		<0.013	U		<0.016	U		0.036			<0.031	U		<0.0077	U		<0.0051	U	
		VMP-62-10-072720	7/27/2020	<0.0071	U		<0 0052	U		<0.0096	U		<0.012	U		0.019			<0.023	U		<0.0058	U		<0.0039	U	
		VMP-62-10-102920	10/29/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		0.015			<0.025	U		<0.0063	U		<0.0042	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		0.0084			<0.03	U		<0.0074	U		<0.0049	U	
		VMP-62-20-042820	4/28/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.041			<0.028	U		<0.007	U		<0.0047	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.04			<0.028	U		<0.0071	U		<0.0047	U	
		VMP-62-20-072720	7/27/2020	<0.0073	U		<0 0053	U		<0.0099	U		<0.012	U		0.021			<0.024	U		<0.006	U		<0.004	U	
		VMP-62-20-102920	10/29/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.021			<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		0.0088			<0.028	U	UJ	<0.007	U		<0.0046	U	
		VMP-62-30-042820	4/28/2020	<0.0091	U		<0 0066	U		<0.012	U		<0.015	U		0.0035	J		<0.03	U		<0.0075	U		<0.005	U	
		VMP-62-30-072720	7/27/2020	<0.0074	U		<0 0054	U		<0.01	U		<0.012	U		0.0087			<0.024	U		<0.0061	U		<0.004	U	
		VMP-62-30-102920	10/29/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		0.0083			<0.026	U		<0.0064	U		<0.0042	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				0.21			69			57000						0.11											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012720	1/27/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U	UJ	<0.007	U		<0.0046	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.009	U		<0 0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U	UJ	<0.0074	U		<0.0049	U	
		VMP-63-5-042420	4/24/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-63-5-072820	7/28/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		0 00057	J	
		VMP-63-5-110320	11/3/2020	<0.0078	U		<0 0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-63-10-042420	4/24/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-63-10-072820	7/28/2020	<0.0084	U		<0 0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U		<0.0046	U	
		VMP-63-10-110320	11/3/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-63-20-042420	4/24/2020	<0.0076	U		<0 0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-63-20-072820	7/28/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-63-20-110320	11/3/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-63-30-042420	4/24/2020	<0.008	U		<0 0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-63-30-072820	7/28/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-63-30-110320	11/3/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-63-30-110320-DUP	11/3/2020	<0.0076	U		<0 0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.0086	U		<0 0063	U		<0.012	U		<0.014	U		0.0012	J		<0.028	U		<0.007	U		<0.0047	U	
		VMP-64-5-042420	4/24/2020	<0.008	U		<0 0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-64-5-072420	7/24/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.0018	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-64-5-103020	10/30/2020	<0.0073	U		<0 0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.0085	U		<0 0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-64-10-042420	4/24/2020	<0.0072	U		<0 0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		<0.0039	U	
		VMP-64-10-072420	7/24/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		0.00098	J		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-64-10-103020	10/30/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.0011	J		<0.026	U		<0.0065	U		<0.0043	U	
	20 ft	VMP-64-20-012820	1/28/2020	<0.0091	U		<0 0066	U		<0.012	U		<0.015	U		0.0011	J		<0.03	U		<0.0075	U		<0.005	U	
		VMP-64-20-042420	4/24/2020	<0.0079	U		<0 0058	U		<0.011	U		<0.013	U		0.00064	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0077	U		<0 0056	U		<0.01	U		<0.013	U		0.00066	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-64-20-072420	7/24/2020	<0.0078	U		0.0022	J		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-64-20-072420-DUP	7/24/2020	<0.0078	U		<0 0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-64-20-103020	10/30/2020	<0.0073	U		<0 0053	U		<0.0098	U		<0.012	U		0.00092	J		<0.024	U		<0.006	U		<0.004	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-1-5-042420	4/24/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0022	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-1-5-072820	7/28/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0022	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-1-5-110220	11/2/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0053	U		<0.0053	U		<0.0052	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		<0.0071	U		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-1-8.5-042420	4/24/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-1-8.5-072820	7/28/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0024	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-1-8.5-110220	11/2/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-1-23.5-042420	4/24/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0023	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-1-23.5-072820	7/28/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-1-23.5-110220	11/2/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.002	J		<0 0052	U		<0.0052	U		<0.0051	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		<0.0063	U		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-1-38.5-072820	7/28/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-1-38.5-110220	11/2/2020	<0.0088	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0027	J		<0 0046	U		<0.0046	U		<0.0045	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0 0054	U		<0.0054	U		<0.0052	U	
		VMP-2-5-042420	4/24/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-2-5-072420	7/24/2020	<0.0088	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0028	J		<0 0046	U		<0.0046	U		<0.0046	U	
		VMP-2-5-110420	11/4/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0028	J		<0 0053	U		<0.0053	U		<0.0052	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		<0.0068	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-2-8.5-042420	4/24/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0026	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-2-8.5-072420	7/24/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0031	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-2-8.5-110420	11/4/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.003	J		<0 0049	U		<0.0049	U		<0.0048	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-2-22-042420	4/24/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0023	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0026	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-2-22-072420	7/24/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0049	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-2-22-110420	11/4/2020	<0.094	U		<0.074	U		<0.074	U		<0.074	U		<0.06	U		<0.05	U		<0.05	U		<0.048	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0084	U		<0 0069	U		<0.0069	U		<0.0068	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		<0.0068	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-3-5-042920	4/29/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0024	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-3-5-072920	7/29/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		0.0023	J		<0.0054	U		<0.0053	U	
		VMP-3-5-110420	11/4/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.0088	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0031	J		<0 0046	U		<0.0046	U		<0.0046	U	
		VMP-3-10-072920	7/29/2020	<0.0097	U		<0 0076	U		0.00074	J		<0 0076	J	U	0.0018	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-3-10-110420	11/4/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0026	J		<0 0055	U		<0.0055	U		<0.0054	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0033	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-3-22-042920	4/29/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		0.0022	J		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-3-22-072920	7/29/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0024	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-3-22-110420	11/4/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0026	J		<0 0055	U		<0.0055	U		<0.0054	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.09	U		<0.071	U		<0.071	U		<0.071	U		<0.058	U		<0.048	U		<0.048	U		<0.046	U	
		VMP-3-31.5-042920	4/29/2020	<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U		<1.3	U	
		VMP-3-31.5-072920	7/29/2020	<0.079	U		<0.062	U		<0.062	U		<0.062	U		<0.051	U		<0.042	U		<0.042	U		<0.041	U	
		VMP-3-31.5-110420	11/4/2020	<9.7	U		<7.6	U		<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U		<5	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-4-5-042820	4/28/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-4-5-073020	7/30/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	J	U	0.0022	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0023	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-4-5-103020	10/30/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		<0.0062	U		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-4-12-042820	4/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0026	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-4-12-073020	7/30/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0024	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-4-12-103020	10/30/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		<0.0066	U		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-4-23.5-042820	4/28/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0024	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-4-23.5-073020	7/30/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.002	J		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-4-23.5-103020	10/30/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0048	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0086	U		<0 0068	U		<0.0068	U		<0 0068	U		0.003	J		<0 0046	U		<0.0046	U		<0.0045	U	
		VMP-5-5-042720	4/27/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0023	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-5-5-072320	7/23/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0018	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-5-5-103020	10/30/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0025	J		<0 0048	U		<0.0048	U		<0.0048	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		<0.0065	U		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-5-12.5-042720	4/27/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.002	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-5-12.5-072320	7/23/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-5-12.5-103020	10/30/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0028	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-5-31-042720	4/27/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-5-31-072320	7/23/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0021	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-5-31-103020	10/30/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0026	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		0.0037	J		<0 0059	U		<0.0059	U		<0.0057	U	
		VMP-6-5-042720	4/27/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0019	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-6-5-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-6-5-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0026	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-6-10-042720	4/27/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0022	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-6-10-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.003	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-6-10-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0086	U		<0 0068	U		<0.0068	U		<0 0068	U		0.0028	J		<0 0046	U		<0.0046	U		<0.0045	U	
		VMP-6-31.5-042720	4/27/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0026	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-6-31.5-072220	7/22/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0032	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-6-31.5-102920	10/29/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.003	J		<0 0048	U		<0.0048	U		<0.0047	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		<0.0064	U		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-7-5-042720	4/27/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0021	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-7-5-073020	7/30/2020	<0.0093	U		<0 0073	U		0.00063	J		0.0006	J		0.0023	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-7-5-110420	11/4/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0029	J		<0 0048	U		<0.0048	U		<0.0047	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0038	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-7-13.5-042720	4/27/2020	<0.011	U		<0 0085	J	U	<0.0085	J	U	<0 0085	J	U	0.0027	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-7-13.5-073020	7/30/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0028	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-7-13.5-110420	11/4/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0028	J		<0 0053	U		<0.0053	U		<0.0052	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		<0.0062	U		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-7-29.5-042720	4/27/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0023	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-7-29.5-073020	7/30/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0019	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-7-29.5-110420	11/4/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0043	J		<0 0049	U		<0.0049	U		<0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		<0.007	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-8-5-042220	4/22/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0021	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-8-5-072220	7/22/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-8-5-102820	10/28/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	<0.01	U		<0 0083	U		<0.0083	U		<0 0083	U		<0.0068	U		<0 0056	U		<0.0056	U		<0.0054	U	
		VMP-8-9.5-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-8-9.5-072220	7/22/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0027	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0027	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-8-9.5-102820	10/28/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0 0054	U		<0.0054	U		<0.0052	U	
		VMP-8-23.5-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-8-23.5-072220	7/22/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0031	J		<0 0048	U		<0.0048	U		0.0007	J	
		VMP-8-23.5-102820	10/28/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		<0.0067	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-8-35.5-042220	4/22/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0022	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-8-35.5-072220	7/22/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0034	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-8-35.5-102820	10/28/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0024	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-9-5-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.002	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-9-5-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0028	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0027	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-9-5-102820	10/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0025	J		<0 0049	U		<0.0049	U		<0.0048	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		<0.0062	U		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-9-11.5-042220	4/22/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-9-11.5-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0033	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-9-11.5-102820	10/28/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0029	J		<0.005	U		<0.005	U		<0.005	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-9-25.5-042220	4/22/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0023	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-9-25.5-072220	7/22/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0039	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-9-25.5-102820	10/28/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0033	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-9-25.5-102820-DUP	10/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0033	J		<0 0049	U		<0.0049	U		<0.0048	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-18-8.5-042920	4/29/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0022	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0086	U		<0 0067	U		<0.0067	U		<0 0067	U		0.0021	J		<0 0045	U		<0.0045	U		<0.0044	U	
		VMP-18-8.5-112420	11/24/2020	<0.0086	U		<0 0067	U		<0.0067	U		<0 0067	U		0.0024	J		<0 0045	U		<0.0045	U		<0.0044	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0031	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-19-5-043020	4/30/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0022	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0023	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-19-5-072720	7/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0021	J		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-19-5-110420	11/4/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0026	J		<0 0053	U		<0.0053	U		<0.0052	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-20-5-022120	2/21/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0024	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-20-5-042420	4/24/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0022	J		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-20-5-072320	7/23/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0026	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-20-5-112420	11/24/2020	<0.0083	U		<0 0065	U		<0.0065	U		<0 0065	U		0.0027	J		<0 0044	U		<0.0044	U		<0.0043	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0032	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-20-10-042420	4/24/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0025	J		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-20-10-072320	7/23/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	J	U	0.002	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-20-10-110220	11/2/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0 0047	U		<0.0047	U		<0.0046	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		<0.0068	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-20-25-042420	4/24/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0022	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-20-25-072320	7/23/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0021	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-20-25-110220	11/2/2020	<0.0087	U		<0 0068	U		<0.0068	U		<0 0068	U		0.003	J		<0 0046	U		<0.0046	U		<0.0045	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-21	5 ft	VMP-21-5-012220	1/22/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		<0.0068	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-21-5-042320	4/23/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0031	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-21-5-072420	7/24/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0029	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-21-5-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-21-10-012220	1/22/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-21-10-042320	4/23/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-21-10-072420	7/24/2020	<0.0088	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0025	J		<0 0046	U		<0.0046	U		<0.0046	U	
		VMP-21-10-102920	10/29/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.003	J		<0 0051	U		<0.0051	U		<0.005	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-21-25-042320	4/23/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		0.0026	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-21-25-072420	7/24/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-21-25-102920	10/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0029	J		<0 0052	U		<0.0052	U		<0.0051	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		<0.007	U		<0 0058	U		<0.0058	U		<0.0056	U	
		VMP-21-33-042320	4/23/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0024	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-21-33-072420	7/24/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0032	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-21-33-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.003	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-22-5-042820	4/28/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0023	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-22-5-072320	7/23/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.002	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-22-5-110520	11/5/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0024	J		<0 0049	U		<0.0049	U		<0.0048	U	
	10 ft	VMP-22-10-012320	1/23/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		<0.0066	U		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-22-10-042820	4/28/2020	<0.0089	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0025	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-22-10-072320	7/23/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-22-10-110520	11/5/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0025	J		<0 0051	U		<0.0051	U		<0.005	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-22-18-042820	4/28/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0028	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-22-18-072320	7/23/2020	<0.01	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0024	J		<0 0056	U		<0.0056	U		<0.0054	U	
		VMP-22-18-110520	11/5/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0025	J		<0 0049	U		<0.0049	U		<0.0048	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		<0.0065	U		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		<0.0065	U		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-22-38-042820	4/28/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0027	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0024	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-22-38-110520	11/5/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0031	J		<0 0051	U		<0.0051	U		<0.005	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-5-042820	4/28/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-5-072320	7/23/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0024	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-23-5-102920	10/29/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.003	J		<0 0051	U		<0.0051	U		<0.005	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		<0.006	U		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-23-10-042820	4/28/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-10-072320	7/23/2020	<0.01	U		<0 0082	U		<0.0082	J	U	<0 0082	J	U	0.0024	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-23-10-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0033	J		<0.005	U		<0.005	U		<0.0049	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.0085	U		<0 0066	U		<0.0066	U		<0 0066	U		0.0034	J		<0 0045	U		<0.0045	U		<0.0044	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0085	U		<0 0067	U		<0.0067	U		<0 0067	U		0.0036	J		<0 0045	U		<0.0045	U		<0.0044	U	
		VMP-23-25-042820	4/28/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0026	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0031	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-23-25-072320	7/23/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-23-25-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0033	J		<0.005	U		<0.005	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-24	5 ft	VMP-24-5-012320	1/23/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		<0.0064	U		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-24-5-042220	4/22/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-24-5-072220	7/22/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-24-5-102920	10/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0029	J		<0 0052	U		<0.0052	U		<0.0051	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-24-10-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0024	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-24-10-072220	7/22/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-24-10-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0024	J		<0 0049	U		<0.0049	U		<0.0048	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0026	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-24-22-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0024	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0025	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-24-22-072220	7/22/2020	<0.009	U		<0 0071	U		<0.0071	U		<0 0071	U		0.003	J		<0 0048	U		<0.0048	U		<0.0046	U	
		VMP-24-22-102920	10/29/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0031	J		<0 0048	U		<0.0048	U		<0.0047	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0028	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-24-34-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-24-34-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0036	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-24-34-102920	10/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0029	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-24-34-102920-DUP	10/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.003	J		<0 0052	U		<0.0052	U		<0.0051	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0022	J		<0 0077	U		<0.0077	U		<0.0075	U	
		VMP-32-5-042920	4/29/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0024	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-32-5-072920	7/29/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-32-5-110420	11/4/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0018	J		<0 0053	U		<0.0053	U		<0.0052	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0021	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-32-10-042920	4/29/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0029	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-32-10-072920	7/29/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0022	J		<0 0053	U		0.0016	J		<0.0052	U	
		VMP-32-10-110420	11/4/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0029	J		<0 0049	U		<0.0049	U		<0.0048	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0023	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-32-20-042920	4/29/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0026	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-32-20-072920	7/29/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-32-20-110420	11/4/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		0.0021	J		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-32-30-072920	7/29/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-32-30-110420	11/4/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0028	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-32-30-110420-DUP	11/4/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0026	J		<0 0057	U		<0.0057	U		<0.0056	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		0.0031	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-42-10-042920	4/29/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		0.0019	J		<0.006	U		<0.006	U		<0.0058	U	
		VMP-42-10-072820	7/28/2020	0.00086	J		0.0016	J		0.00097	J		0.0012	J		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-42-10-110520	11/5/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.003	J		<0 0049	U		<0.0049	U		<0.0048	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		<0.007	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-42-20-042920	4/29/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		0.0025	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0023	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-42-20-072820	7/28/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0023	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-42-20-110520	11/5/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0031	J		<0 0049	U		<0.0049	U		<0.0048	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		<0.0071	U		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-42-30-042920	4/29/2020	<0.012	U		<0 0095	U		<0.0095	U		<0 0095	U		0.0032	J		<0 0064	U		<0.0064	U		<0.0062	U	
		VMP-42-30-072820	7/28/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0021	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-42-30-110520	11/5/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0028	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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	10 ft	VMP-43-10-012720	1/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0033	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-43-10-043020	4/30/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0022	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-43-10-072820	7/28/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-43-10-110320	11/3/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0025	J		<0 0053	U		<0.0053	U		<0.0052	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0054	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-43-20-043020	4/30/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0024	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-43-20-072820	7/28/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0023	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-43-20-110320	11/3/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0033	J		<0 0051	U		<0.0051	U		<0.005	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0044	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-43-30-043020	4/30/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-43-30-072820	7/28/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0024	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-43-30-110320	11/3/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0058	U	
		VMP-44-10-043020	4/30/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-44-10-072820	7/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0022	J		<0 0048	U		<0.0048	U		<0.0047	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		<0.0071	U		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-44-20-043020	4/30/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-44-20-072820	7/28/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0019	J		<0 0051	U		<0.0051	U		<0.005	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		<0.0059	U		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		<0.006	U		<0.005	U		<0.005	U		<0.0048	U	
		VMP-44-30-043020	4/30/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0025	J		<0 0051	U		<0.0051	U		<0.005	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0035	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-45-10-042720	4/27/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0 0054	U		<0.0054	U		<0.0052	U	
		VMP-45-10-072820	7/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.002	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-45-10-110520	11/5/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.003	J		<0 0053	U		<0.0053	U		<0.0052	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-45-20-042720	4/27/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-45-20-072820	7/28/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0022	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-45-20-110520	11/5/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		<0.0068	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-45-30-042720	4/27/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0023	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-45-30-072820	7/28/2020	<0.011	U		<0 0088	U		<0.0088	U		0 00071	J		0.0019	J		<0.006	U		<0.0059	U		<0.0058	U	
		VMP-45-30-110520	11/5/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0028	J		<0 0048	U		<0.0048	U		<0.0047	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.011	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		<0.007	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-47-5-042820	4/28/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0024	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-47-5-072720	7/27/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0037	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-47-5-110220	11/2/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		<0.0067	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-47-10-042820	4/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0026	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0025	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-47-10-072720	7/27/2020	<0.0091	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0033	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0034	J		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-47-10-110220	11/2/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0 0047	U		<0.0047	U		<0.0046	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		<0.0064	U		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-47-20-042820	4/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0024	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-47-20-072720	7/27/2020	<0.009	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0026	J		<0 0048	U		<0.0048	U		<0.0046	U	
		VMP-47-20-110220	11/2/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.004	J		<0 0053	U		<0.0053	U		<0.0052	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		<0.007	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-47-30-042820	4/28/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-47-30-072720	7/27/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0034	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-47-30-110220	11/2/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0078			<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.0086	U		<0 0067	U		<0.0067	U		<0 0067	U		0.0065			<0 0045	U		<0.0045	U		<0.0044	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-48	5 ft	VMP-48-5-012920	1/29/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		<0.0071	U		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-48-5-042420	4/24/2020	<0.011	U		<0 0088	U		<0.0088	U		<0 0088	U		0.0029	J		<0 0059	U		<0.0059	U		<0.0058	U	
		VMP-48-5-073020	7/30/2020	<0.0087	U		<0 0068	U		<0.0068	U		<0 0068	U		0.0023	J		<0 0046	U		<0.0046	U		<0.0045	U	
		VMP-48-5-110220	11/2/2020	<0.0089	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0024	J		<0 0047	U		<0.0047	U		<0.0046	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.011	U		<0 0088	U		<0.0088	U		<0 0088	U		<0.0072	U		<0 0059	U		<0.0059	U		<0.0058	U	
		VMP-48-10-042420	4/24/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0028	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-48-10-073020	7/30/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0022	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-48-10-110220	11/2/2020	<0.01	U		0.0017	J		<0.0078	U		0.0014	J		0.0039	J		<0 0053	U		<0.0053	U		<0.0052	U	
	20 ft	VMP-48-20-110220	11/2/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0031	J		<0.005	U		<0.005	U		<0.005	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		0.0031	J		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-48-30-073020	7/30/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0022	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-48-30-110220	11/2/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0027	J		<0.005	U		<0.005	U		<0.005	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0034	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-49-5-042920	4/29/2020	<0.011	U		<0 0089	U		<0.0089	U		<0 0089	U		0.0023	J		<0.006	U		<0.006	U		<0.0058	U	
		VMP-49-5-072420	7/24/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0029	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0038	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-49-5-110420	11/4/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		<0.0072	U		<0 0059	U		<0.0059	U		<0.0057	U	
		VMP-49-10-042920	4/29/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-49-10-072420	7/24/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		0.0026	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-49-10-110420	11/4/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0023	J		<0 0053	U		<0.0053	U		<0.0052	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-49-20-042920	4/29/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-49-20-072420	7/24/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0027	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-49-20-110420	11/4/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0025	J		<0 0051	U		<0.0051	U		<0.005	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0032	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-49-30-042920	4/29/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0022	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-49-30-072420	7/24/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.003	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-49-30-110420	11/4/2020	<0.77	U		<0.6	U		<0.6	U		<0.6	U		<0.5	U		<0.41	U		<0.41	U		<0.4	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0022	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-50-5-042820	4/28/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0 0054	U		<0.0054	U		<0.0052	U	
		VMP-50-5-072720	7/27/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		<0.0063	U		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-50-5-110520	11/5/2020	<0.0088	U		<0 0069	U		<0.0069	U		<0 0069	U		0.003	J		<0 0046	U		<0.0046	U		<0.0045	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0022	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-50-10-042820	4/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0031	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-50-10-072720	7/27/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-50-10-110520	11/5/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.002	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-50-20-042820	4/28/2020	<0.0099	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-50-20-072720	7/27/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-50-20-110520	11/5/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-50-20-110520-DUP	11/5/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0025	J		<0 0053	U		<0.0053	U		<0.0052	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U		<0.11	U	
		VMP-50-30-042820	4/28/2020	<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.084	U		<0.069	U		<0.069	U		<0.067	U	
		VMP-50-30-072720	7/27/2020	<0.096	U		<0.075	U		<0.075	U		<0.075	U		<0.062	U		<0.05	U		<0.05	U		<0.05	U	
		VMP-50-30-110520	11/5/2020	<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0035	J		<0.01	U		<0.01	U		<0.0098	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-51	5 ft	VMP-51-5-012820	1/28/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0022	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0022	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-51-5-042720	4/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0022	J		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-51-5-072320	7/23/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0023	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-51-5-103020	10/30/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0023	J		<0 0052	U		<0.0052	U		<0.005	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0023	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-51-10-042720	4/27/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0023	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-51-10-072320	7/23/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-51-10-103020	10/30/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0031	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-51-20-042720	4/27/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0033	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-51-20-072320	7/23/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0029	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-51-20-103020	10/30/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0037	J		<0 0053	U		<0.0053	U		<0.0052	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0022	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-51-30-042720	4/27/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0052	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-51-30-072320	7/23/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0037	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-51-30-103020	10/30/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0033	J		<0 0055	U		<0.0055	U		<0.0054	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.011	U		<0 0088	U		<0.0088	U		<0 0088	U		0.0037	J		<0 0059	U		<0.0059	U		<0.0058	U	
		VMP-52-5-042720	4/27/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-52-5-072320	7/23/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0019	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-52-5-102920	10/29/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0028	J		<0 0052	U		<0.0052	U		<0.0051	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0022	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-52-10-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.003	J		<0 0049	U		<0.0049	U		<0.0048	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0024	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-52-20-042720	4/27/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0023	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-52-20-072320	7/23/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0023	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-52-20-102920	10/29/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.003	J		<0 0048	U		<0.0048	U		<0.0047	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.011	U		<0 0084	U		<0.0084	U		<0 0084	U		<0.0069	U		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-52-30-042720	4/27/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0026	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0022	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-52-30-072320	7/23/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-52-30-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0029	J		<0 0049	U		<0.0049	U		<0.0048	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		<0.007	U		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-53-5-042220	4/22/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.002	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-53-5-072220	7/22/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0032	J		<0 0048	U		<0.0048	U		<0.0047	U	
		VMP-53-5-102820	10/28/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.009	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0027	J		<0 0048	U		<0.0048	U		<0.0046	U	
		VMP-53-10-042220	4/22/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0027	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-53-10-072220	7/22/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-53-10-102820	10/28/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0029	J		<0 0047	U		<0.0047	U		<0.0046	U	
	20 ft	VMP-53-20-012220	1/22/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		<0.0062	U		<0.005	U		<0.005	U		<0.005	U	
		VMP-53-20-042220	4/22/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0022	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-53-20-072220	7/22/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0031	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-53-20-102820	10/28/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0028	J		<0.005	U		<0.005	U		<0.005	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		<0.0064	U		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		<0.0065	U		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-53-30-042220	4/22/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0027	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-53-30-072220	7/22/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0024	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-53-30-102820	10/28/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0029	J		<0 0048	U		<0.0048	U		<0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-54	5 ft	VMP-54-5-012220	1/22/2020	<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0083	U		<0 0068	U		<0.0068	U		<0.0066	U	
		VMP-54-5-042720	4/27/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0021	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-54-5-052120	5/21/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0028	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-54-5-072220	7/22/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0032	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-54-5-102820	10/28/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.003	J		<0 0049	U		<0.0049	U		<0.0048	U	
	10 ft	VMP-54-10-031220	3/12/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0034	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-54-10-042720	4/27/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0024	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-54-10-072220	7/22/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0036	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-54-10-102820	10/28/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		<0.0064	U		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-54-20-042720	4/27/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-54-20-072220	7/22/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0041	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-54-20-102820	10/28/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0028	J		<0 0052	U		<0.0052	U		<0.0051	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.012	U		<0 0091	U		<0.0091	U		<0 0091	U		<0.0075	U		<0 0061	U		<0.0061	U		<0.006	U	
		VMP-54-30-042720	4/27/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0022	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-54-30-072220	7/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0028	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-54-30-102820	10/28/2020	<0.0091	U		<0 0072	U		<0.0072	U		<0 0072	U		0.003	J		<0 0048	U		<0.0048	U		<0.0047	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.011	U		<0 0085	U		<0.0085	U		<0 0085	U		0.0032	J		<0 0057	U		<0.0057	U		<0.0056	U	
		VMP-56-10-042420	4/24/2020	<0.01	U		<0 0079	U		<0.0079	U		<0 0079	U		0.0021	J		<0 0053	U		<0.0053	U		<0.0052	U	
		VMP-56-10-072320	7/23/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0026	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-56-10-072320-DUP	7/23/2020	<0.011	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0033	J		<0 0056	U		<0.0056	U		<0.0055	U	
		VMP-56-10-110320	11/3/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0027	J		<0.005	U		<0.005	U		<0.0049	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.01	U		<0 0078	U		<0.0078	U		<0 0078	U		0.013			<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-56-25-042420	4/24/2020	<0.01	U		<0 0083	U		<0.0083	U		<0 0083	U		0.0021	J		<0 0056	U		<0.0056	U		<0.0054	U	
		VMP-56-25-072320	7/23/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0022	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-56-25-110320	11/3/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0025	J		<0 0052	U		<0.0052	U		<0.0051	U	
		VMP-56-25-110320-DUP	11/3/2020	<0.0099	U		<0 0078	U		<0.0078	U		<0 0078	U		0.0027	J		<0 0052	U		<0.0052	U		<0.0051	U	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		<0.006	U		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-62-5-042820	4/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0025	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-62-5-072720	7/27/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0025	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-62-5-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0029	J		<0 0049	U		<0.0049	U		<0.0048	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		<0.0063	U		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-62-10-042820	4/28/2020	<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0027	J		<0.006	U		<0.006	U		<0.0059	U	
		VMP-62-10-072720	7/27/2020	<0.0086	U		<0 0068	U		<0.0068	U		<0 0068	U		0.0021	J		<0 0046	U		<0.0046	U		<0.0045	U	
		VMP-62-10-102920	10/29/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0033	J		<0 0049	U		<0.0049	U		<0.0048	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		<0.0071	U		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-62-20-042820	4/28/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0038	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0033	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-62-20-072720	7/27/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-62-20-102920	10/29/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.003	J		<0 0051	U		<0.0051	U		<0.005	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0025	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-62-30-042820	4/28/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		0.0024	J		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-62-30-072720	7/27/2020	<0.009	U		<0 0071	U		<0.0071	U		<0 0071	U		0.0036	J		<0 0048	U		<0.0048	U		<0.0046	U	
		VMP-62-30-102920	10/29/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.0078			290						1200			270			690			0.099			240		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-63	5 ft	VMP-63-5-012720	1/27/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		<0.0066	U		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.011	U		<0 0086	U		<0.0086	U		<0 0086	U		0.0028	J		<0 0058	U		<0.0058	U		<0.0056	U	
		VMP-63-5-042420	4/24/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0024	J		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-63-5-072820	7/28/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0026	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-63-5-110320	11/3/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0034	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-63-10-042420	4/24/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0023	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-63-10-072820	7/28/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-63-10-110320	11/3/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0 0047	U		<0.0047	U		<0.0046	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		<0.0068	U		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-63-20-042420	4/24/2020	<0.0092	U		<0 0072	U		<0.0072	U		<0 0072	U		0.0024	J		<0 0048	U		<0.0048	U		<0.0048	U	
		VMP-63-20-072820	7/28/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0023	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-63-20-110320	11/3/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0026	J		<0 0051	U		<0.0051	U		<0.005	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.01	U		<0 0083	U		<0.0083	U		<0 0083	U		<0.0068	U		<0 0056	U		<0.0056	U		<0.0054	U	
		VMP-63-30-042420	4/24/2020	<0.0098	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0023	J		<0 0051	U		<0.0051	U		<0.005	U	
		VMP-63-30-072820	7/28/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.002	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0 0047	U		<0.0047	U		<0.0046	U	
		VMP-63-30-110320	11/3/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0026	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-63-30-110320-DUP	11/3/2020	<0.0093	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0027	J		<0 0049	U		<0.0049	U		<0.0048	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.01	U		<0 0082	U		<0.0082	U		<0 0082	U		0.0022	J		<0 0055	U		<0.0055	U		<0.0054	U	
		VMP-64-5-042420	4/24/2020	<0.0098	U		<0 0077	U		<0.0077	U		<0 0077	U		0.0022	J		<0 0052	U		<0.0052	U		<0.005	U	
		VMP-64-5-072420	7/24/2020	<0.0094	U		<0 0073	U		<0.0073	U		<0 0073	U		0.0029	J		<0 0049	U		<0.0049	U		<0.0048	U	
		VMP-64-5-103020	10/30/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0 0047	U		<0.0047	U		<0.0046	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.01	U		<0 0081	U		<0.0081	U		<0 0081	U		0.0023	J		<0 0054	U		<0.0054	U		<0.0053	U	
		VMP-64-10-042420	4/24/2020	<0.0088	U		<0 0068	U		<0.0068	U		<0 0068	U		0.0025	J		<0 0046	U		<0.0046	U		<0.0045	U	
		VMP-64-10-072420	7/24/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0028	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-64-10-103020	10/30/2020	<0.0097	U		<0 0076	U		<0.0076	U		<0 0076	U		0.0035	J		<0 0051	U		<0.0051	U		<0.005	U	
	20 ft	VMP-64-20-012820	1/28/2020	<0.011	U		<0 0087	U		<0.0087	U		<0 0087	U		0.0022	J		<0 0058	U		<0.0058	U		<0.0057	U	
		VMP-64-20-042420	4/24/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.002	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0094	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-64-20-072420	7/24/2020	<0.0095	U		<0 0074	U		<0.0074	U		<0 0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-64-20-072420-DUP	7/24/2020	<0.0096	U		<0 0075	U		<0.0075	U		<0 0075	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-64-20-103020	10/30/2020	<0.0089	U		<0 0069	U		<0.0069	U		<0 0069	U		0.0058			<0 0047	U		<0.0047	U		<0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U	UJ	<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-1-5-042420	4/24/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.01		J	<0 0057	U		<0.0065	J	U	<0.01	U	
		VMP-1-5-072820	7/28/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.014			<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-1-5-110220	11/2/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.01	J	J	<0 0056	U		<0.0064	U		<0.01	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	U	UJ	<0 0062	U		<0.0071	U		<0.011	U	
		VMP-1-8.5-042420	4/24/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U	UJ	<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-1-8.5-072820	7/28/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		0.016			<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-1-8.5-110220	11/2/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		0.014	J	J	<0 0054	U		<0.0061	U		<0.0095	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U	UJ	<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-1-23.5-042420	4/24/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.012		J	<0 0051	U		<0.0058	U		<0.0091	U	
		VMP-1-23.5-072820	7/28/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0097	J		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-1-23.5-110220	11/2/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.011	J	J	<0 0056	U		<0.0063	U		<0.0099	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U	UJ	<0 0055	U		<0.0063	U		<0.0098	U	
		VMP-1-38.5-072820	7/28/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		0.017			<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-1-38.5-110220	11/2/2020	<0.0045	U		<0.04	U		<0.0053	U		<0.016	U		0.011	J	J	<0.005	U		<0.0056	U		<0.0088	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.01	U		<0 0058	U		<0.0065	U		<0.01	U	
		VMP-2-5-042420	4/24/2020	<0.0053	U		<0.046	U		<0.0061	U		<0.019	U		0.017			<0 0058	U		<0.0065	U		<0.01	U	
		VMP-2-5-072420	7/24/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.016	U		0.01			<0.005	U		<0.0056	U		<0.0088	U	
		VMP-2-5-110420	11/4/2020	0.0014	J		<0.046	U		<0.006	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0064	U		<0.01	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-2-8.5-042420	4/24/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0042	J	J	<0 0057	U		<0.0065	U		<0.01	U	
		VMP-2-8.5-072420	7/24/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-2-8.5-110420	11/4/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0094	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-2-22-042420	4/24/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0052	J	J	<0 0061	U		<0.007	U		<0.011	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.005	J	J	<0 0061	U		<0.007	U		<0.011	U	
		VMP-2-22-072420	7/24/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		0.0068	J		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-2-22-110420	11/4/2020	<0.048	U		<0.17	U		<0.057	U		<0.18	U		<0.092	U		<0.053	U		<0.06	U		<0.094	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.0068	U		<0.059	U		<0.0079	U		<0.024	U		<0.013	U	UJ	<0 0074	U		<0.0084	U		<0.013	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	U	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-3-5-042920	4/29/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		0.012		J	<0 0059	U		<0.0066	U		<0.01	U	
		VMP-3-5-072920	7/29/2020	<0.0053	U		<0.046	U		<0.0061	U		<0.019	U		0.012			<0 0058	U		0.0016	J		<0.01	U	
		VMP-3-5-110420	11/4/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.021			<0 0054	U		<0.0061	U		<0.0095	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.016	U		<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U	
		VMP-3-10-072920	7/29/2020	<0.005	U		<0.044	U		<0.0058	U		0.001	J		0.0077	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-3-10-110420	11/4/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0059	U		<0.0066	U		<0.01	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	ND,UJ	UJ	<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-3-22-042920	4/29/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		0.011		J	<0 0062	U		<0.007	U		<0.011	U	
		VMP-3-22-072920	7/29/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.011			<0 0057	U		<0.0065	U		<0.01	U	
		VMP-3-22-110420	11/4/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0059	U		<0.0066	U		<0.01	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.046	U		<0.41	U		<0.054	U		<0.17	U		<0.088	U		<0.051	U		<0.058	U		<0.09	U	
		VMP-3-31.5-042920	4/29/2020	<1.3	U		<4.5	U		<1.5	U		<4.6	U		<2.4	U		<1.4	U		<1.6	U		<2.5	U	
		VMP-3-31.5-072920	7/29/2020	<0.041	U		<0.36	U		<0.048	U		<0.15	U		<0.078	U		<0.045	U		<0.051	U		<0.079	U	
		VMP-3-31.5-110420	11/4/2020	<5	U		<18	U		<5.8	U		<18	U		<9.5	U		<5.5	U		1.3	J		<9.6	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-4-5-042820	4/28/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	ND,UJ	UJ	<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-4-5-073020	7/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0093			<0 0053	U		<0.006	U		<0.0094	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0051	U		<0.045	U		<0.0059	U		0.0017	J		0.012			<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-4-5-103020	10/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0063	J		<0 0054	U		<0.0061	U		<0.0095	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-4-12-042820	4/28/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		0.01	J	J	<0 0058	U		<0.0066	U		<0.01	U	
		VMP-4-12-073020	7/30/2020	<0.005	U		<0.044	U		<0.0058	U		0.0019	J		<0.0094	U		<0 0054	U		<0.0062	U		<0.0096	U	
		VMP-4-12-103020	10/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0053	U		<0.006	U		<0.0094	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-4-23.5-042820	4/28/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.021	J0	J	<0 0057	U		<0.0065	U		<0.01	U	
		VMP-4-23.5-073020	7/30/2020	<0.005	U		<0.044	U		<0.0059	U		0.0014	J		0.0082	J		0.0014	J		<0.0063	U		<0.0098	U	
		VMP-4-23.5-103020	10/30/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0069	J		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		0.014			<0 0053	U		<0.006	U		<0.0094	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0045	U		<0.039	U		<0.0052	U		<0.016	U		<0.0085	U		<0 0049	U		<0.0055	U		<0.0086	U	
		VMP-5-5-042720	4/27/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-5-5-072320	7/23/2020	0.0013	J		<0.045	U		<0.0059	U		0.0015	J		<0.0097	U		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-5-5-103020	10/30/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.023	U	UJ	<0 0052	U		<0.0059	U		<0.0092	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-5-12.5-042720	4/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-5-12.5-072320	7/23/2020	<0.0049	U		0.0037	J		<0.0057	U		0.0028	J		0.0072	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-5-12.5-103020	10/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.023	U	UJ	<0 0053	U		0.0016	J		<0.0094	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-5-31-042720	4/27/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		0.0045	J		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-5-31-072320	7/23/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0021	J		0.0017	J		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.005	U		0.0028	J		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-5-31-103020	10/30/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.026	U	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.024	U	UJ	0 00079	J		<0.0064	U		<0.0099	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U		<0 0063	U		<0.0071	U		<0.011	U	
		VMP-6-5-042720	4/27/2020	<0.0053	U		<0.047	U		<0.0062	U		0.0012	J		0.0026	J		<0 0058	U		0.00076	J		<0.01	U	
		VMP-6-5-072220	7/22/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-6-5-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-6-10-042720	4/27/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.0026	J		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-6-10-072220	7/22/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-6-10-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.013		J	<0 0052	U		<0.0059	U		<0.0093	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0045	U		<0.039	U		<0.0052	U		<0.016	U		0.01			<0 0049	U		<0.0055	U		<0.0086	U	
		VMP-6-31.5-042720	4/27/2020	<0.0055	U		<0.048	U		<0.0064	U		0.0017	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-6-31.5-072220	7/22/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	U		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-6-31.5-102920	10/29/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U	UJ	<0 0052	U		<0.0058	U		<0.0091	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	ND,UJ	UJ	<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-7-5-042720	4/27/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0097	J		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-7-5-073020	7/30/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.014			<0 0053	U		<0.006	U		<0.0093	U	
		VMP-7-5-110420	11/4/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	ND,UJ	UJ	<0 0053	U		<0.006	U		<0.0093	U	
		VMP-7-13.5-042720	4/27/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-7-13.5-073020	7/30/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.0074	J		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-7-13.5-110420	11/4/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		0.021			<0 0057	U		<0.0064	U		<0.01	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	ND,UJ	UJ	<0 0053	U		<0.006	U		<0.0094	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0094	ND,UJ	UJ	<0 0054	U		<0.0062	U		<0.0096	U	
		VMP-7-29.5-042720	4/27/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.0035	J		<0.006	U		<0.0068	U		<0.01	U	
		VMP-7-29.5-073020	7/30/2020	<0.0051	U		<0.045	U		<0.006	U		0.0012	J		0.0023	J		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-7-29.5-110420	11/4/2020	<0.0048	U		0.013	J		<0.0056	U		<0.018	U		0.046			<0 0053	U		<0.006	U		0.0011	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0056	U		<0.049	U		<0.0066	U		<0.02	U		<0.011	U		<0 0062	U		<0.007	U		<0.011	U	
		VMP-8-5-042220	4/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-8-5-072220	7/22/2020	<0.0049	U		0.0019	J		<0.0057	U		<0.018	U		<0.0093	U		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-8-5-102820	10/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.023	U		<0 0054	U		<0.0061	U		<0.0095	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	<0.0054	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-8-9.5-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0066	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-8-9.5-072220	7/22/2020	<0.0051	U		0.00096	J		<0.0059	U		<0.018	U		0.0076	J		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0048	U		0.0011	J		<0.0056	U		<0.017	U		0.007	J		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-8-9.5-102820	10/28/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		<0.024	U		<0 0056	U		<0.0063	U		<0.0098	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.014			<0 0058	U		<0.0065	U		<0.01	U	
		VMP-8-23.5-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-8-23.5-072220	7/22/2020	0.0057			<0.041	U		<0.0054	U		<0.017	U		0.0065	J		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-8-23.5-102820	10/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.023	U		<0 0053	U		<0.006	U		<0.0094	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		0.011			<0 0059	U		<0.0066	U		<0.01	U	
		VMP-8-35.5-042220	4/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-8-35.5-072220	7/22/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0093	U	
		VMP-8-35.5-102820	10/28/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.024	U		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.023	U		<0 0053	U		<0.006	U		<0.0094	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-9-5-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.01			<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-9-5-072220	7/22/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-9-5-072220-DUP	7/22/2020	0.0037	J		<0.044	U		<0.0059	U		<0.018	U		0.0064	J		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-9-5-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.015			<0 0052	U		<0.0059	U		<0.0092	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-9-11.5-042220	4/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0037	J		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-9-11.5-072220	7/22/2020	<0.0052	U		0.0014	J		<0.006	U		<0.019	U		0.11			<0 0056	U		<0.0064	U		<0.01	U	
		VMP-9-11.5-102820	10/28/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0096	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-9-25.5-042220	4/22/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.0046	J		<0.005	U		<0.0057	U		<0.0089	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0086	J		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-9-25.5-072220	7/22/2020	<0.0051	U		0.022	J		<0.0059	U		<0.018	U		0.018			<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-9-25.5-102820	10/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-9-25.5-102820-DUP	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0092	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.0059	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0064	U		<0.0073	U		<0.011	U	
		VMP-18-8.5-042920	4/29/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0072	J		<0 0051	U		<0.0058	U		<0.0091	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		0.029			<0 0049	U		<0.0055	U		<0.0086	U	
		VMP-18-8.5-112420	11/24/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		<0.021	U	UJ	<0 0049	U		<0.0055	U		<0.0086	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-19-5-043020	4/30/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0067	J		<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0072	J		<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-19-5-072720	7/27/2020	0.0017	J		<0.042	U		<0.0055	U		0.0028	J		0.0045	J		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-19-5-110420	11/4/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.019			<0 0057	U		<0.0065	U		<0.01	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.01	ND,UJ	UJ	<0 0061	U		<0.0069	U		<0.011	U	
		VMP-20-5-022120	2/21/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-20-5-042420	4/24/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		0.016		J	<0 0055	U		<0.0063	U		<0.0098	U	
		VMP-20-5-072320	7/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.0065	J		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-20-5-112420	11/24/2020	<0.0043	U		0.0017	J	J	<0.005	U		<0.016	U		0.01	J	J	<0 0047	U		<0.0053	U		<0.0083	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	ND,UJ	UJ	<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-20-10-042420	4/24/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U	UJ	<0 0055	U		<0.0063	U		<0.0098	U	
		VMP-20-10-072320	7/23/2020	<0.005	U		0.0027	J		<0.0058	U		0.0028	J		<0.0094	U		<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-20-10-110220	11/2/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.0081	J	J	<0.005	U		<0.0057	U		<0.0089	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	ND,UJ	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-20-25-042420	4/24/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0055	J	J	<0 0057	U		<0.0065	U		<0.01	U	
		VMP-20-25-072320	7/23/2020	<0.0047	U		0.0015	J		<0.0054	U		0.0016	J		0.0065	J		0.0045	J		0.0031	J		<0.009	U	
		VMP-20-25-110220	11/2/2020	<0.0045	U		<0.039	U		<0.0052	U		<0.016	U		0.015	J	J	<0 0049	U		<0.0056	U		<0.0087	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-012220	1/22/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	U		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-21-5-042320	4/23/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.033	J0	J	<0 0061	U		<0.007	U		<0.011	U	
		VMP-21-5-072420	7/24/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-21-5-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
	10 ft	VMP-21-10-012220	1/22/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.01	U		0.0082			0.0016	J		<0.011	U	
		VMP-21-10-042320	4/23/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		<0.0092	ND,UJ	UJ	<0 0053	U		<0.006	U		<0.0094	U	
		VMP-21-10-072420	7/24/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.016	U		<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U	
		VMP-21-10-102920	10/29/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-21-25-042320	4/23/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.011	U	
		VMP-21-25-072420	7/24/2020	<0.0053	U		<0.046	U		<0.0061	U		<0.019	U		<0.01	U		<0 0058	U		<0.0065	U		<0.01	U	
		VMP-21-25-102920	10/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0099	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.0056	U		<0.05	U		<0.0066	U		<0.02	U		<0.011	U		<0 0062	U		<0.007	U		<0.011	U	
		VMP-21-33-042320	4/23/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	ND,UJ	UJ	<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-21-33-072420	7/24/2020	<0.0052	U		0.0081	J		<0.0061	U		<0.019	U		0.014			<0 0057	U		<0.0065	U		<0.01	U	
		VMP-21-33-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-22-5-042820	4/28/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		0.011	J0	J	<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-22-5-072320	7/23/2020	<0.0052	U		0.0027	J		<0.006	U		<0.019	U		0.0033	J		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-22-5-110520	11/5/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0092			<0 0052	U		<0.0059	U		<0.0093	U	
	10 ft	VMP-22-10-012320	1/23/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		0.0068			0.0017	J		<0.01	U	
		VMP-22-10-042820	4/28/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.017	U		0.0046	J	J	<0.005	U		<0.0057	U		<0.0088	U	
		VMP-22-10-072320	7/23/2020	<0.0049	U		<0.043	U		<0.0057	U		0.001	J		0.0016	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-22-10-110520	11/5/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-22-18-042820	4/28/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		0.012	J0	J	<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-22-18-072320	7/23/2020	<0.0054	U		0.0034	J		<0.0064	U		0.0018	J		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-22-18-110520	11/5/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-22-38-042820	4/28/2020	<0.005	U		0.0022	J		<0.0058	U		<0.018	U		0.035	J0	J	<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		0.0061	J	J	<0 0057	U		0.0036	J		<0.01	U	
		VMP-22-38-110520	11/5/2020	<0.005	U		<0.044	U		<0.0058	U		0.012	J		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-23-5-042820	4/28/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		0.015	J0	J	<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-23-5-072320	7/23/2020	<0.0051	U		0.12			<0.0059	U		0.0074	J		0.034			0.001	J		0.00098	J		<0.0098	U	
		VMP-23-5-102920	10/29/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U	UJ	<0 0055	U		<0.0062	U		<0.0096	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		0.0039	J		<0.0059	U		<0.0092	U	
		VMP-23-10-042820	4/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0072	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-23-10-072320	7/23/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0039	J		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-23-10-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.0044	U		<0.038	U		<0.0051	U		<0.016	U		<0.0083	U		<0 0048	U		<0.0054	U		<0.0085	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0044	U		<0.038	U		<0.0051	U		<0.016	U		<0.0084	U		<0 0048	U		<0.0054	U		<0.0085	U	
		VMP-23-25-042820	4/28/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.016	J0	J	<0 0056	U		<0.0064	U		<0.01	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.011	J0	J	<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-23-25-072320	7/23/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		0.0048	J		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-23-25-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-012320	1/23/2020	<0.0059	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	U		<0 0064	U		<0.0073	U		<0.011	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-24-5-042220	4/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-24-5-072220	7/22/2020	<0.0049	U		0.0078	J		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-24-5-102920	10/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.012		J	<0 0056	U		<0.0063	U		<0.0099	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.0059	U		<0.052	U		<0.0069	U		<0.021	U		<0.011	U		<0 0065	U		<0.0073	U		<0.011	U	
		VMP-24-10-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0062	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-24-10-072220	7/22/2020	<0.0049	U		0.0019	J		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-24-10-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U	UJ	<0 0052	U		<0.0059	U		<0.0093	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	U		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-24-22-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0088	J		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-24-22-072220	7/22/2020	<0.0046	U		0.004	J		<0.0054	U		<0.017	U		<0.0088	U		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-24-22-102920	10/29/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U	UJ	<0 0052	U		<0.0058	U		<0.0091	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-24-34-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0086	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-24-34-072220	7/22/2020	<0.0052	U		0.0025	J		<0.006	U		<0.019	U		0.0064	J		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-24-34-102920	10/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.017		J	0 00073	J		<0.0063	U		<0.0099	U	
		VMP-24-34-102920-DUP	10/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U	UJ	<0 0056	U		<0.0063	U		<0.0099	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.0075	U		0.023	J		<0.0088	U		<0.027	U		<0.014	U		<0 0082	U		<0.0093	U		<0.014	U	
		VMP-32-5-042920	4/29/2020	<0.0054	U		0.0018	J		<0.0063	U		<0.02	U		0.0064	J	J	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-32-5-072920	7/29/2020	<0.0052	U		<0.045	U		<0.006	U		0.0011	J		0.0056	J		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-32-5-110420	11/4/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0095	J		<0 0056	U		<0.0064	U		<0.01	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-32-10-042920	4/29/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0089	J	J	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-32-10-072920	7/29/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0083	J		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-32-10-110420	11/4/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.014			<0 0052	U		<0.0059	U		<0.0092	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		0.00084	J		<0.01	U	
		VMP-32-20-042920	4/29/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.011		J	<0.006	U		<0.0068	U		<0.011	U	
		VMP-32-20-072920	7/29/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		0.0045	J		<0 0054	U		0.0014	J		<0.0095	U	
		VMP-32-20-110420	11/4/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		0.0077	J		<0 0056	U		<0.0063	U		<0.0098	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U		<0 0063	U		<0.0071	U		<0.011	U	
		VMP-32-30-072920	7/29/2020	<0.0053	U		<0.046	U		<0.0061	U		0.0012	J		0.0048	J		<0 0058	U		<0.0065	U		<0.01	U	
		VMP-32-30-110420	11/4/2020	<0.0051	U		0.004	J		<0.0059	U		<0.018	U		<0.0096	U		0.0012	J		0.002	J		<0.0098	U	
		VMP-32-30-110420-DUP	11/4/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.0069	U		<0.011	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.0059	U		<0.052	U		<0.0069	U		<0.021	U		<0.011	U	UJ	<0 0064	U		<0.0073	U		<0.011	U	
		VMP-42-10-042920	4/29/2020	<0.0058	U		0.0019	J		<0.0068	U		<0.021	U		0.013		J	<0 0064	U		<0.0072	U		<0.011	U	
		VMP-42-10-072820	7/28/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0014	J		<0 0054	U		0.0009	J		<0.0096	U	
		VMP-42-10-110520	11/5/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.0056	U		<0.049	U		<0.0066	U		<0.02	U		<0.011	U	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-42-20-042920	4/29/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.015		J	<0.006	U		<0.0068	U		<0.011	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.012		J	<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-42-20-072820	7/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.013			<0 0053	U		<0.006	U		<0.0093	U	
		VMP-42-20-110520	11/5/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.02			<0 0052	U		<0.0059	U		<0.0093	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	U	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-42-30-042920	4/29/2020	<0.0062	U		<0.055	U		<0.0073	U		<0.023	U		0.017		J	<0 0068	U		<0.0077	U		<0.012	U	
		VMP-42-30-072820	7/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.015			<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-42-30-110520	11/5/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012720	1/27/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	ND,UJ	UJ	<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-43-10-043020	4/30/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		0.036			<0 0058	U		<0.0066	U		<0.01	U	
		VMP-43-10-072820	7/28/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		0.0073	J		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-43-10-110320	11/3/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.017	J	J	<0 0057	U		<0.0065	U		<0.01	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	ND,UJ	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-43-20-043020	4/30/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.01	J		<0.006	U		<0.0068	U		<0.01	U	
		VMP-43-20-072820	7/28/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		0.0081	J		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-43-20-110320	11/3/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.021			<0 0055	U		<0.0062	U		<0.0096	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		<0.0099	ND,UJ	UJ	<0 0057	U		<0.0064	U		<0.01	U	
		VMP-43-30-043020	4/30/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.011			<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-43-30-072820	7/28/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0065	J		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-43-30-110320	11/3/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.016			<0 0054	U		<0.0061	U		<0.0095	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.0058	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0064	U		<0.0072	U		<0.011	U	
		VMP-44-10-043020	4/30/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.0048	J		<0.005	U		<0.0057	U		<0.0089	U	
		VMP-44-10-072820	7/28/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		0.012	J0	J	<0 0062	U		<0.007	U		<0.011	U	
		VMP-44-20-043020	4/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0048	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-44-20-072820	7/28/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0028	J		<0 0055	U		<0.0062	U		<0.0096	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	ND,UJ	UJ	<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		<0.0092	ND,UJ	UJ	<0 0053	U		<0.006	U		<0.0094	U	
		VMP-44-30-043020	4/30/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0054	J		<0 0055	U		<0.0062	U		<0.0096	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	ND,UJ	UJ	0.0035	J		<0.0061	U		<0.0096	U	
		VMP-45-10-042720	4/27/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.01	U		<0 0058	U		<0.0065	U		<0.01	U	
		VMP-45-10-072820	7/28/2020	<0.0054	U		<0.047	U		<0.0062	U		0.0016	J		0.13			<0 0059	U		<0.0066	U		<0.01	U	
		VMP-45-10-110520	11/5/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	ND,UJ	UJ	<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-45-20-042720	4/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0062	U		<0.0096	U	
		VMP-45-20-072820	7/28/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0047	J		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-45-20-110520	11/5/2020	<0.0049	U		<0.043	U		0.0009	J		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U	
		VMP-45-30-042720	4/27/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.0089	U		<0 0051	U		<0.0058	U		<0.0091	U	
		VMP-45-30-072820	7/28/2020	<0.0058	U		<0.051	U		<0.0068	U		0.0026	J		0.0093	J		<0 0064	U		<0.0072	U		<0.011	U	
		VMP-45-30-110520	11/5/2020	<0.0047	U		0.0014	J		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0058	U		<0.0091	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.0059	U		<0.052	U		<0.0069	U		<0.021	U		<0.011	ND,UJ	UJ	0.0092		J	<0.0073	U		<0.011	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0056	U		<0.049	U		<0.0066	U		<0.02	U		<0.011	ND,UJ	UJ	0.088		J	0.0059	J		<0.011	U	
		VMP-47-5-042820	4/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0069	J	J	<0 0061	U		<0.0069	U		<0.011	U	
		VMP-47-5-072720	7/27/2020	0.0072			<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-47-5-110220	11/2/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.023		J	<0 0053	U		<0.006	U		<0.0093	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	ND,UJ	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-47-10-042820	4/28/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.0062	J	J	<0.006	U		<0.0068	U		<0.01	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0088	J	J	<0 0061	U		<0.0069	U		<0.011	U	
		VMP-47-10-072720	7/27/2020	<0.0047	U		<0.041	U		<0.0054	U		<0.017	U		<0.0089	U		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-47-10-110220	11/2/2020	<0.0046	U		0.0021	J		<0.0054	U		<0.017	U		0.014	J	J	<0.005	U		<0.0057	U		<0.0089	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	ND,UJ	UJ	<0 0056	U		<0.0064	U		<0.01	U	
		VMP-47-20-042820	4/28/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		0.0094	J	J	<0 0058	U		<0.0066	U		<0.01	U	
		VMP-47-20-072720	7/27/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		<0.0088	U		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-47-20-110220	11/2/2020	<0.0052	U		0.004	J		<0.0061	U		<0.019	U		0.059		J	<0 0057	U		<0.0065	U		<0.01	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.0056	U		<0.049	U		<0.0066	U		<0.02	U		<0.011	ND,UJ	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-47-30-042820	4/28/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		0.0071	J	J	<0 0058	U		<0.0066	U		<0.01	U	
		VMP-47-30-072720	7/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0093	U	
		VMP-47-30-110220	11/2/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.012	J	J	<0.005	U		<0.0057	U		<0.0089	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		0.0094	J	J	<0 0049	U		<0.0055	U		<0.0086	U	

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012920	1/29/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0063	U		<0.0071	U		<0.011	U	
		VMP-48-5-042420	4/24/2020	<0.0058	U		0.0029	J		<0.0068	U		<0.021	U		0.016		J	<0 0064	U		<0.0072	U		<0.011	U	
		VMP-48-5-073020	7/30/2020	0.00093	J		<0.039	U		<0.0052	U		0.0017	J		<0.0086	U		0 00056	J		<0.0056	U		<0.0087	U	
		VMP-48-5-110220	11/2/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.017	U		0.008	J	J	<0.005	U		<0.0057	U		<0.0088	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.0058	U		<0.051	U		<0.0067	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0063	U		<0.0072	U		<0.011	U	
		VMP-48-10-042420	4/24/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0047	J	J	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-48-10-073020	7/30/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.01	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-48-10-110220	11/2/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0094	J	J	0 00044	J		<0.0064	U		<0.01	U	
	20 ft	VMP-48-20-110220	11/2/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.024	U	UJ	<0 0054	U		<0.0061	U		<0.0096	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-48-30-073020	7/30/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-48-30-110220	11/2/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		0.012	J	J	<0 0054	U		<0.0061	U		<0.0096	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-49-5-042920	4/29/2020	<0.0058	U		<0.051	U		<0.0068	U		<0.021	U		0.009	J	J	<0 0064	U		<0.0072	U		<0.011	U	
		VMP-49-5-072420	7/24/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		0.0064	J		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-49-5-110420	11/4/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0098	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U		<0 0063	U		<0.0071	U		<0.011	U	
		VMP-49-10-042920	4/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.015		J	<0 0053	U		<0.006	U		<0.0094	U	
		VMP-49-10-072420	7/24/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0084	J		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-49-10-110420	11/4/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0064	U		<0.01	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-49-20-042920	4/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0092	J	J	<0 0053	U		<0.006	U		<0.0094	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		0.0076	J	J	<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-49-20-072420	7/24/2020	<0.0047	U		0.018	J		<0.0055	U		<0.017	U		0.03			<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-49-20-110420	11/4/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0055	U		<0.0062	U		<0.0097	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		0.0048	J	
		VMP-49-30-042920	4/29/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0098		J	<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-49-30-072420	7/24/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-49-30-110420	11/4/2020	<0.4	U		<1.4	U		<0.46	U		<1.4	U		<0.76	U		<0.44	U		<0.49	U		<0.77	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-50-5-042820	4/28/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.0067	J	J	<0 0058	U		<0.0065	U		<0.01	U	
		VMP-50-5-072720	7/27/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-50-5-110520	11/5/2020	<0.0045	U		<0.04	U		<0.0053	U		<0.016	U		<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		0.00089	J		<0.011	U	
		VMP-50-10-042820	4/28/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.014	J0	J	<0.006	U		<0.0068	U		<0.01	U	
		VMP-50-10-072720	7/27/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		0.013			<0 0051	U		<0.0058	U		<0.009	U	
		VMP-50-10-110520	11/5/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-50-20-042820	4/28/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		0.01	J0	J	<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-50-20-072720	7/27/2020	<0.0048	U		0.0074	J		<0.0057	U		<0.018	U		0.023			<0 0053	U		<0.006	U		<0.0094	U	
		VMP-50-20-110520	11/5/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.0093	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-50-20-110520-DUP	11/5/2020	<0.0052	U		<0.046	U		0.0014	J		<0.019	U		0.0082	J		<0 0057	U		<0.0065	U		<0.01	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.11	U		<0.94	U		<0.12	U		<0.39	U		<0.2	U		<0.12	U		<0.13	U		<0.21	U	
		VMP-50-30-042820	4/28/2020	<0.067	U		<0.59	U		<0.078	U		<0.24	U		<0.13	ND,UJ	UJ	0.067	J		0.021	J		<0.13	U	
		VMP-50-30-072720	7/27/2020	<0.05	U		<0.43	U		<0.058	U		<0.18	U		<0.094	U		<0.054	U		<0.061	U		<0.096	U	
		VMP-50-30-110520	11/5/2020	<0.0098	U		<0.086	U		<0.011	U		<0.036	U		<0.019	U		<0.011	U		<0.012	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012820	1/28/2020	<0.0056	U		0.00099	J		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0055	U		0.0011	J		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-51-5-042720	4/27/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-51-5-072320	7/23/2020	<0.0047	U		0.14			<0.0055	U		<0.017	U		0.034			<0 0052	U		<0.0058	U		<0.0091	U	
		VMP-51-5-103020	10/30/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.024	U	UJ	<0 0055	U		<0.0063	U		<0.0098	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.01	U	
		VMP-51-10-042720	4/27/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		0.0072	J		<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-51-10-072320	7/23/2020	<0.0046	U		0.043			<0.0054	U		<0.017	U		0.018			0 00078	J		<0.0058	U		<0.009	U	
		VMP-51-10-103020	10/30/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		<0.024	U	UJ	<0 0056	U		<0.0063	U		<0.0098	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		0.0012	J		<0.0058	U		<0.0091	U	
		VMP-51-20-042720	4/27/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-51-20-072320	7/23/2020	<0.0052	U		<0.046	U		<0.006	U		0.0012	J		0.0049	J		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-51-20-103020	10/30/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		<0.025	U	UJ	<0 0057	U		<0.0064	U		<0.01	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.0053	U		0.0036	J		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-51-30-042720	4/27/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		0.0056	J		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-51-30-072320	7/23/2020	<0.0048	U		0.0025	J		<0.0056	U		0.0024	J		0.0035	J		<0 0053	U		<0.006	U		<0.0093	U	
		VMP-51-30-103020	10/30/2020	<0.0054	U		0.0018	J		<0.0062	U		<0.019	U		0.033		J	<0 0059	U		<0.0066	U		<0.01	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.0058	U		<0.051	U		<0.0067	U		<0.021	U		<0.011	U		<0 0063	U		<0.0072	U		<0.011	U	
		VMP-52-5-042720	4/27/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.0058	J		<0.005	U		<0.0057	U		<0.0089	U	
		VMP-52-5-072320	7/23/2020	<0.0046	U		<0.041	U		<0.0054	U		0.012	J		0.0068	J		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0035	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-52-5-102920	10/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.0097	U	UJ	<0 0056	U		<0.0063	U		<0.0099	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0045	J		<0 0052	U		<0.0059	U		<0.0093	U	
		VMP-52-10-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.018		J	<0 0052	U		<0.0059	U		<0.0093	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-52-20-042720	4/27/2020	<0.0051	U		<0.045	U		<0.006	U		0.0052	J		<0.0098	U		<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-52-20-072320	7/23/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		0.0032	J		<0 0059	U		<0.0066	U		<0.01	U	
		VMP-52-20-102920	10/29/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U	UJ	<0 0052	U		<0.0058	U		<0.0091	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-52-30-042720	4/27/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0055	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0066	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-52-30-072320	7/23/2020	<0.0053	U		<0.046	U		<0.0062	U		0.0016	J		0.0048	J		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-52-30-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U	UJ	<0 0052	U		<0.0059	U		<0.0093	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.0069	U		<0.011	U	
		VMP-53-5-042220	4/22/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		0.0075	J		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-53-5-072220	7/22/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-53-5-102820	10/28/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.024	U		<0 0056	U		<0.0063	U		<0.0099	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		<0.0088	U		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-53-10-042220	4/22/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0039	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-53-10-072220	7/22/2020	<0.0053	U		<0.046	U		<0.0062	U		0.0016	J		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-53-10-102820	10/28/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		<0.022	U		<0.005	U		<0.0057	U		<0.0089	U	
	20 ft	VMP-53-20-012220	1/22/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-53-20-042220	4/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.0061	J		<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-53-20-072220	7/22/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		0.0068	J		<0 0056	U		<0.0063	U		<0.0098	U	
		VMP-53-20-102820	10/28/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.024	U		<0 0054	U		<0.0061	U		<0.0096	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.015			<0 0057	U		<0.0065	U		<0.01	U	
		VMP-53-30-042220	4/22/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-53-30-072220	7/22/2020	<0.0048	U		0.0012	J		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-53-30-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.023	U		<0 0052	U		<0.0059	U		<0.0092	U	

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-012220	1/22/2020	<0.0066	U		<0.058	U		<0.0077	U		<0.024	U		<0.013	U		<0 0073	U		<0.0082	U		<0.013	U	
		VMP-54-5-042720	4/27/2020	<0.0052	U		0.0016	J		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		0.0027	J		<0.01	U	
		VMP-54-5-052120	5/21/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		0.0019	J		0.0019	J		<0.0093	U	
		VMP-54-5-072220	7/22/2020	<0.005	U		0.042	J		<0.0059	U		0.004	J		0.018			<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-54-5-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0 0053	U		<0.006	U		<0.0093	U	
	10 ft	VMP-54-10-031220	3/12/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0038	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-54-10-042720	4/27/2020	<0.0053	U		0.0018	J		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-54-10-072220	7/22/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-54-10-102820	10/28/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0095	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-54-20-042720	4/27/2020	<0.005	U		0.0016	J		<0.0058	U		<0.018	U		0.0052	J		<0 0055	U		<0.0062	U		<0.0096	U	
		VMP-54-20-072220	7/22/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-54-20-102820	10/28/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0056	U		<0.0063	U		<0.0098	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.006	U		<0.052	U		<0.007	U		<0.022	U		<0.011	U		<0 0066	U		<0.0074	U		<0.012	U	
		VMP-54-30-042720	4/27/2020	<0.0052	U		<0.046	U		<0.0061	U		0.0033	J		<0.0099	U		<0 0057	U		<0.0065	U		<0.01	U	
		VMP-54-30-072220	7/22/2020	<0.0052	U		0.0023	J		<0.006	U		0.0026	J		0.017			<0 0057	U		0.0056	J		<0.01	U	
		VMP-54-30-102820	10/28/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0058	U		<0.0091	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0 0061	U		<0.007	U		<0.011	U	
		VMP-56-10-042420	4/24/2020	<0.0052	U		0.0025	J		<0.006	U		0.0014	J		0.0056	J		<0 0057	U		<0.0064	U		<0.01	U	
		VMP-56-10-072320	7/23/2020	<0.0051	U		0.0041	J		<0.006	U		<0.019	U		0.015			0.0073			<0.0064	U		<0.0099	U	
		VMP-56-10-072320-DUP	7/23/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		0.005	J		0.0051	J		<0.0068	U		<0.011	U	
		VMP-56-10-110320	11/3/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.018	J	J	<0 0054	U		<0.0061	U		<0.0095	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0 0056	U		<0.0064	U		<0.0099	U	
		VMP-56-25-042420	4/24/2020	<0.0054	U		<0.048	U		<0.0064	U		0.026			0.0079	J		<0.006	U		<0.0068	U		<0.01	U	
		VMP-56-25-072320	7/23/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-56-25-110320	11/3/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.024	U	UJ	<0 0056	U		<0.0063	U		<0.0099	U	
		VMP-56-25-110320-DUP	11/3/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		<0.024	U	UJ	<0 0056	U		<0.0063	U		<0.0099	U	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	ND,UJ	UJ	<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-62-5-042820	4/28/2020	<0.0054	U		0.0023	J		<0.0062	U		<0.019	U		0.046		J	<0 0059	U		<0.0066	U		<0.01	U	
		VMP-62-5-072720	7/27/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0012	J		0.0025	J		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-62-5-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0 0052	U		<0.0059	U		<0.0093	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	ND,UJ	UJ	<0 0055	U		<0.0063	U		<0.0098	U	
		VMP-62-10-042820	4/28/2020	<0.0059	U		<0.052	U		<0.0069	U		<0.022	U		0.014		J	<0 0065	U		<0.0073	U		<0.011	U	
		VMP-62-10-072720	7/27/2020	<0.0045	U		<0.039	U		<0.0052	U		<0.016	U		<0.0085	U		<0 0049	U		<0.0055	U		<0.0086	U	
		VMP-62-10-102920	10/29/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.012			<0 0052	U		<0.0059	U		<0.0093	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	ND,UJ	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-62-20-042820	4/28/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0056	J	J	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	U	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-62-20-072720	7/27/2020	<0.0046	U		0.035	J		<0.0054	U		<0.017	U		0.069			<0.005	U		<0.0057	U		<0.0089	U	
		VMP-62-20-102920	10/29/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	ND,UJ	UJ	<0 0058	U		<0.0066	U		<0.01	U	
		VMP-62-30-042820	4/28/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		0.04		J	<0 0063	U		<0.0071	U		<0.011	U	
		VMP-62-30-072720	7/27/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		<0.0088	U		<0 0051	U		<0.0058	U		<0.009	U	
		VMP-62-30-102920	10/29/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.012			<0 0054	U		<0.0061	U		<0.0095	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			5.6			0.31			0.22						1.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012720	1/27/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U	UJ	<0 0058	U		<0.0066	U		<0.01	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0056	U		<0.05	U		<0.0066	U		<0.02	U		<0.011	U	UJ	<0 0062	U		<0.007	U		<0.011	U	
		VMP-63-5-042420	4/24/2020	<0.0048	U		0.0024	J		<0.0055	U		<0.017	U		0.0019	J		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-63-5-072820	7/28/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		0.016			<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-63-5-110320	11/3/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.018			<0 0054	U		<0.0061	U		<0.0095	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	ND,UJ	UJ	<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-63-10-042420	4/24/2020	<0.0053	U		<0.047	U		<0.0062	U		<0.019	U		0.002	J		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-63-10-072820	7/28/2020	<0.0053	U		<0.046	U		<0.0062	U		0.001	J		0.016			<0 0058	U		<0.0066	U		<0.01	U	
		VMP-63-10-110320	11/3/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	U	UJ	<0 0059	U		<0.0067	U		<0.01	U	
		VMP-63-20-042420	4/24/2020	<0.0048	U		0.003	J		<0.0055	U		<0.017	U		<0.009	U		<0 0052	U		<0.0059	U		<0.0092	U	
		VMP-63-20-072820	7/28/2020	<0.0048	U		<0.042	U		<0.0056	U		0.001	J		0.013			<0 0053	U		<0.006	U		<0.0094	U	
		VMP-63-20-110320	11/3/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.0054	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U	UJ	<0.006	U		<0.0068	U		<0.01	U	
		VMP-63-30-042420	4/24/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0 0055	U		<0.0062	U		<0.0097	U	
		VMP-63-30-072820	7/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.0091	J		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.014			<0.005	U		<0.0057	U		<0.0089	U	
		VMP-63-30-110320	11/3/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.015			<0 0052	U		0.0014	J		<0.0093	U	
		VMP-63-30-110320-DUP	11/3/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.012			<0 0052	U		<0.0059	U		<0.0093	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	U		<0 0059	U		<0.0067	U		<0.01	U	
		VMP-64-5-042420	4/24/2020	<0.005	U		<0.044	U		<0.0059	U		0.001	J		0.0045	J		<0 0055	U		<0.0063	U		<0.0098	U	
		VMP-64-5-072420	7/24/2020	<0.0048	U		0.0024	J		<0.0056	U		<0.018	U		0.013			<0 0053	U		<0.006	U		<0.0094	U	
		VMP-64-5-103020	10/30/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.008	J		<0.005	U		<0.0057	U		<0.0089	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.0053	U		0.0012	J		<0.0062	U		<0.019	U		<0.01	U		<0 0058	U		<0.0066	U		<0.01	U	
		VMP-64-10-042420	4/24/2020	<0.0045	U		<0.04	U		<0.0053	U		<0.016	U		<0.0086	U		<0 0049	U		<0.0056	U		<0.0087	U	
		VMP-64-10-072420	7/24/2020	<0.0049	U		0.0018	J		<0.0058	U		<0.018	U		<0.0094	U		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-64-10-103020	10/30/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0 0055	U		<0.0062	U		<0.0096	U	
	20 ft	VMP-64-20-012820	1/28/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		0.0045	J		<0 0063	U		<0.0071	U		<0.011	U	
		VMP-64-20-042420	4/24/2020	<0.005	U		0.0017	J		<0.0058	U		<0.018	U		0.0068	J		<0 0054	U		<0.0061	U		<0.0096	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		0.0085	J		<0 0053	U		<0.006	U		<0.0094	U	
		VMP-64-20-072420	7/24/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0056	J		<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-64-20-072420-DUP	7/24/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		0.011			<0 0054	U		<0.0061	U		<0.0095	U	
		VMP-64-20-103020	10/30/2020	<0.0046	U		<0.04	U		<0.0053	U		<0.017	U		<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-1-5-042420	4/24/2020	<0.0054	U		<0.056	U		0.0014	J		<0.022	U		0.0038	J		0.0019	J		<0.0054	U		<0.019	U	
		VMP-1-5-072820	7/28/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-1-5-110220	11/2/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.0059	U		<0.061	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-1-8.5-042420	4/24/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		0.004	J		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-1-8.5-072820	7/28/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-1-8.5-110220	11/2/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-1-23.5-042420	4/24/2020	<0.0048	U		<0.05	U		<0.0042	U		<0.019	U		0.0038	J		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-1-23.5-072820	7/28/2020	<0.0053	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-1-23.5-110220	11/2/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-1-38.5-072820	7/28/2020	<0.0052	U		<0.054	U		<0.0045	U		0.0013	J		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-1-38.5-110220	11/2/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0.016	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.0054	U		<0.056	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-2-5-042420	4/24/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-2-5-072420	7/24/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0.016	U	
		VMP-2-5-110420	11/4/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		0.003	J		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-2-8.5-042420	4/24/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-2-8.5-072420	7/24/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-2-8.5-110420	11/4/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.0057	U		<0.06	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-2-22-042420	4/24/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-2-22-072420	7/24/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-2-22-110420	11/4/2020	0.13			<0.52	U		1.5			<0.2	U		71			<0.06	U		<0.05	U		<0.044	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.007	U		<0.073	U		<0.006	U		<0.028	U		<0.02	U		<0 0084	U		<0.007	U		<0.024	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-3-5-042920	4/29/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		0.0028	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-3-5-072920	7/29/2020	<0.0054	U		<0.057	U		0.002	J		<0.022	U		0.0072	J		0.007			<0.0054	U		<0.019	U	
		VMP-3-5-110420	11/4/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0.016	U	
		VMP-3-10-072920	7/29/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.0024	J		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-3-10-110420	11/4/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		0.002	J		<0 0066	U		<0.0055	U		<0.019	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-3-22-042920	4/29/2020	<0.0059	U		<0.061	U		<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U	
		VMP-3-22-072920	7/29/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		0.004	J		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-3-22-110420	11/4/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.048	U		<0.5	U		<0.041	U		<0.19	U		14			<0.058	U		<0.048	U		<0.17	U	
		VMP-3-31.5-042920	4/29/2020	<1.3	U		<14	U		3.4		J	<5.3	U		1600		J	0.34	J	J	<1.3	U		<1.2	U	
		VMP-3-31.5-072920	7/29/2020	<0.042	U		<0.44	U		<0.036	U		<0.17	U		0.12			<0.051	U		<0.042	U		<0.15	U	
		VMP-3-31.5-110420	11/4/2020	<5.2	U		<54	U		48			<21	U		7300			4.8	J		<5.2	U		<4.5	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.0075	J		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-4-5-042820	4/28/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-4-5-073020	7/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-4-5-103020	10/30/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-4-12-042820	4/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-4-12-073020	7/30/2020	<0.0051	U		<0.054	U		0.0064			<0.02	U		0.012	J		<0 0062	U		<0.0051	U		<0.018	U	
		VMP-4-12-103020	10/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.0072	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-4-23.5-042820	4/28/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-4-23.5-073020	7/30/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-4-23.5-103020	10/30/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.005	U		<0.052	U		0.00082	J		<0.02	U		0.0051	J		<0.006	U		<0.005	U		<0.018	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0046	U		<0.048	U		<0.004	U		<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0.016	U	
		VMP-5-5-042720	4/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-5-5-072320	7/23/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-5-5-103020	10/30/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-5-12.5-042720	4/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-5-12.5-072320	7/23/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-5-12.5-103020	10/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-5-31-042720	4/27/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-5-31-072320	7/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-5-31-103020	10/30/2020	<0.0056	U		0.026	J	J	0.0032	J		<0.022	U		0.0065	J		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.0053	U		0.24		J	<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-6-5-042720	4/27/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.0016	J		0.0018	J		<0.0055	U		<0.019	U	
		VMP-6-5-072220	7/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-6-5-102920	10/29/2020	<0.0051	U		<0.053	U		0.0029	J		<0.02	U		0.023			<0 0061	U		<0.005	U		<0.018	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-6-10-042720	4/27/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-6-10-072220	7/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-6-10-102920	10/29/2020	0.00084	J		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0046	U		<0.048	U		<0.004	U		<0.018	U		0.0047	J		<0 0055	U		<0.0046	U		<0.016	U	
		VMP-6-31.5-042720	4/27/2020	0.00078	J		<0.059	U		<0.0049	U		<0.023	U		0.0015	J		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-6-31.5-072220	7/22/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		0.0045	J		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-6-31.5-102920	10/29/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		0.002	J		<0 0058	U		<0.0049	U		<0.017	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-7-5-042720	4/27/2020	0.001	J		<0.06	U		0.00098	J		0.0025	J		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-7-5-073020	7/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-7-5-110420	11/4/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.005	U		<0.052	U		0.0017	J		<0.02	U		0.0029	J		<0.006	U		<0.005	U		<0.018	U	
		VMP-7-13.5-042720	4/27/2020	<0.0058	U		<0.06	J	U	<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-7-13.5-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0045	U		0.0012	J		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-7-13.5-110420	11/4/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		0.0017	J		0 00052	J		<0.0054	U		<0.019	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0051	U		<0.054	U		<0.0044	U		<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0.018	U	
		VMP-7-29.5-042720	4/27/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-7-29.5-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-7-29.5-110420	11/4/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.0057	U		<0.06	U		0.0021	J		<0.023	U		0.0072	J		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-8-5-042220	4/22/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-8-5-072220	7/22/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-8-5-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	<0.0056	U		<0.059	U		<0.0048	U		<0.022	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-8-9.5-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-8-9.5-072220	7/22/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-8-9.5-102820	10/28/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.0054	U		<0.056	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-8-23.5-042220	4/22/2020	0.0065			<0.054	U		0.017			<0.021	U		0.017			<0 0062	U		<0.0052	U		<0.018	U	
		VMP-8-23.5-072220	7/22/2020	<0.0048	U		<0.05	U		<0.0042	U		0 00088	J		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-8-23.5-102820	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-8-35.5-042220	4/22/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-8-35.5-072220	7/22/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-8-35.5-102820	10/28/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		0.003	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-9-5-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-9-5-072220	7/22/2020	<0.0053	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-9-5-102820	10/28/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		0.0008	J		<0.017	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.0052	U		<0.054	U		0.0017	J		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-9-11.5-042220	4/22/2020	<0.0054	U		<0.056	U		0.0011	J		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-9-11.5-072220	7/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-9-11.5-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-9-25.5-042220	4/22/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-9-25.5-072220	7/22/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		0.007	J		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-9-25.5-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-9-25.5-102820-DUP	10/28/2020	0.0012	J		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.0061	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0 0073	U		<0.0061	U		<0.021	U	
		VMP-18-8.5-042920	4/29/2020	<0.0048	U		<0.05	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0.016	U	
		VMP-18-8.5-112420	11/24/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0.016	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-19-5-043020	4/30/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-19-5-072720	7/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		0.0024	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-19-5-110420	11/4/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.016	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-20-5-022120	2/21/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-20-5-042420	4/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		0.0011	J		<0.0052	U		<0.018	U	
		VMP-20-5-072320	7/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.0019	J		0.0006	J		<0.005	U		<0.018	U	
		VMP-20-5-112420	11/24/2020	<0.0044	U		<0.046	U		<0.0038	U		<0.018	U		<0.013	U		<0 0053	U		<0.0044	U		<0.016	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-20-10-042420	4/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-20-10-072320	7/23/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-20-10-110220	11/2/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-20-25-042420	4/24/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-20-25-072320	7/23/2020	0.0099			<0.05	U		0.0054			0.0033	J		0.0038	J		0.0046	J		<0.0048	U		<0.017	U	
		VMP-20-25-110220	11/2/2020	<0.0046	U		<0.048	U		<0.004	U		<0.018	U		0.0038	J		<0 0056	U		<0.0046	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-21	5 ft	VMP-21-5-012220	1/22/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-21-5-042320	4/23/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-21-5-072420	7/24/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-21-5-102920	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
	10 ft	VMP-21-10-012220	1/22/2020	0.015			<0.06	U		0.019			<0.023	U		0.017			<0 0069	U		<0.0057	U		<0.02	U	
		VMP-21-10-042320	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-21-10-072420	7/24/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0.016	U	
		VMP-21-10-102920	10/29/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.0057	U		<0.06	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-21-25-042320	4/23/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-21-25-072420	7/24/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-21-25-102920	10/29/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		0.0011	J		<0.019	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.0058	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-21-33-042320	4/23/2020	0.0026	J		<0.051	U		0.0036	J		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-21-33-072420	7/24/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		0.0091	J		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-21-33-102920	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.002	J		<0 0059	U		<0.005	U		<0.017	U	
		VMP-22-5-042820	4/28/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-22-5-072320	7/23/2020	<0.0053	U		<0.055	U		<0.0046	U		0.0019	J		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-22-5-110520	11/5/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	10 ft	VMP-22-10-012320	1/23/2020	0.011			<0.057	U		0.015			<0.022	U		0.011	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-22-10-042820	4/28/2020	<0.0047	U		<0.049	U		<0.0041	U		<0.019	U		0.0029	J		<0 0057	U		<0.0047	U		<0.017	U	
		VMP-22-10-072320	7/23/2020	<0.0051	U		<0.053	U		0.0034	J		<0.02	U		0.0096	J		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-22-10-110520	11/5/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.0048	J		<0 0062	U		<0.0052	U		<0.018	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-22-18-042820	4/28/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.0028	J		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-22-18-072320	7/23/2020	<0.0056	U		<0.059	U		<0.0048	U		<0.022	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-22-18-110520	11/5/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.0027	J		<0 0059	U		<0.005	U		<0.017	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-22-38-042820	4/28/2020	0.0024	J		<0.054	U		<0.0044	U		<0.021	U		0.0078	J		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		0.0027	J		<0 0064	U		<0.0054	U		<0.019	U	
		VMP-22-38-110520	11/5/2020	0.001	J		<0.054	U		<0.0044	U		<0.021	U		0.0071	J		<0 0062	U		<0.0052	U		<0.018	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		0.0073			<0.018	U	
		VMP-23-5-042820	4/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0026	J		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-23-5-072320	7/23/2020	0.042			<0.055	U		0.087			0.0024	J		0.097			0.0013	J		<0.0052	U		<0.018	U	
		VMP-23-5-102920	10/29/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	10 ft	VMP-23-10-012820	1/28/2020	0.0056			<0.051	U		0.0058			<0.02	U		0.0028	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-23-10-042820	4/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-23-10-072320	7/23/2020	0.00065	J		<0.058	U		<0.0048	U		<0.022	U		0.0023	J		0 00078	J		<0.0056	U		<0.02	U	
		VMP-23-10-102920	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	J	U	<0.018	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.0045	U		<0.047	U		<0.0039	U		<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0.016	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0045	U		<0.047	U		<0.0039	U		<0.018	U		<0.013	U		<0 0054	U		<0.0045	U		<0.016	U	
		VMP-23-25-042820	4/28/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-23-25-042820-DUP	4/28/2020	0.0015	J		<0.051	U		0.0014	J		<0.02	U		0.0033	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-23-25-072320	7/23/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.0082	J		0.017			<0.0055	U		<0.019	U	
		VMP-23-25-102920	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-24	5 ft	VMP-24-5-012320	1/23/2020	<0.0061	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0 0073	U		<0.0061	U		<0.021	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-24-5-042220	4/22/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-24-5-072220	7/22/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-24-5-102920	10/29/2020	0.00095	J		<0.055	U		0.0026	J		<0.021	U		0.007	J		<0 0063	U		<0.0053	U		<0.019	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.0061	U		<0.064	U		<0.0052	U		<0.024	U		<0.018	U		<0 0073	U		<0.0061	U		<0.021	U	
		VMP-24-10-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.0054	J		0.0011	J		<0.0052	U		<0.018	U	
		VMP-24-10-072220	7/22/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-24-10-102920	10/29/2020	<0.005	U		<0.052	U		0.0013	J		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-24-22-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-24-22-072220	7/22/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-24-22-102920	10/29/2020	<0.0049	U		<0.051	U		0.0011	J		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-24-34-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-24-34-072220	7/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-24-34-102920	10/29/2020	<0.0053	U		<0.055	U		0.0018	J		<0.021	U		0.0041	J		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-24-34-102920-DUP	10/29/2020	0.00071	J		<0.055	U		<0.0045	U		<0.021	U		0.003	J		<0 0063	U		<0.0053	U		<0.019	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.0078	U		<0.081	U		<0.0067	U		<0.031	U		0.015	J		0.0022	J		<0.0078	U		<0.027	U	
		VMP-32-5-042920	4/29/2020	0.0023	J		<0.058	U		0.004	J		<0.022	U		0.0035	J		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-32-5-072920	7/29/2020	<0.0053	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-32-5-110420	11/4/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-32-10-042920	4/29/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-32-10-072920	7/29/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-32-10-110420	11/4/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		0.002	J		<0.0055	U		<0.019	U	
		VMP-32-20-042920	4/29/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-32-20-072920	7/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0018	J		0.0061			<0.0051	U		<0.018	U	
		VMP-32-20-110420	11/4/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-32-30-072920	7/29/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-32-30-110420	11/4/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-32-30-110420-DUP	11/4/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.0061	U		<0.063	U		<0.0052	U		<0.024	U		<0.018	U		<0 0073	U		<0.0061	U		<0.021	U	
		VMP-42-10-042920	4/29/2020	<0.006	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0 0072	U		<0.006	U		<0.021	U	
		VMP-42-10-072820	7/28/2020	<0.0051	U		0.0025	J		<0.0044	U		<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0.018	U	
		VMP-42-10-110520	11/5/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-42-20-042920	4/29/2020	<0.0057	U		<0.06	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-42-20-072820	7/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-42-20-110520	11/5/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.0059	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U	
		VMP-42-30-042920	4/29/2020	<0.0064	U		<0.067	U		<0.0056	U		<0.026	U		<0.018	U		<0 0077	U		<0.0064	U		<0.023	U	
		VMP-42-30-072820	7/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-42-30-110520	11/5/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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	10 ft	VMP-43-10-012720	1/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-43-10-043020	4/30/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		0.0008	J		<0.0055	U		<0.019	U	
		VMP-43-10-072820	7/28/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
		VMP-43-10-110320	11/3/2020	<0.0054	U		<0.056	J	U	<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-43-20-043020	4/30/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		0.0014	J		<0.0056	U		<0.02	U	
		VMP-43-20-072820	7/28/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		0.21			<0 0067	U		<0.0056	U		<0.02	U	
		VMP-43-20-110320	11/3/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.003	J		<0 0062	U		<0.0052	U		<0.018	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
		VMP-43-30-043020	4/30/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-43-30-072820	7/28/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		0 00066	J		<0.0054	U		<0.019	U	
		VMP-43-30-110320	11/3/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0035	J		<0 0061	U		<0.005	U		<0.018	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.006	U		<0.063	U		0.0033	J		<0.024	U		<0.017	U		<0 0072	U		<0.006	U		<0.021	U	
		VMP-44-10-043020	4/30/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
		VMP-44-10-072820	7/28/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		0.0071	J		<0 0059	U		<0.0049	U		<0.017	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.0059	U		<0.061	U		<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U	
		VMP-44-20-043020	4/30/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-44-20-072820	7/28/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-44-30-043020	4/30/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.0029	J		<0 0062	U		<0.0052	U		<0.018	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	0.0048	J		<0.053	U		0.0088			<0.02	U		0.0038	J		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-45-10-042720	4/27/2020	<0.0054	U		<0.056	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-45-10-072820	7/28/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-45-10-110520	11/5/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-45-20-042720	4/27/2020	<0.0051	U		<0.054	U		<0.0044	U		<0.02	U		<0.015	U		<0 0062	U		<0.0051	U		<0.018	U	
		VMP-45-20-072820	7/28/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-45-20-110520	11/5/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0035	J		<0 0061	U		0.0013	J		<0.018	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		0.002	J		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-45-30-042720	4/27/2020	<0.0048	U		<0.05	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-45-30-072820	7/28/2020	<0.006	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0 0072	U		<0.006	U		<0.021	U	
		VMP-45-30-110520	11/5/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.0061	U		<0.064	U		<0.0052	U		<0.024	U		0.0076	J	J	0.008		J	<0.0061	U		<0.021	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		0.012	J	J	0.1		J	<0.0058	U		<0.02	U	
		VMP-47-5-042820	4/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-47-5-072720	7/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-47-5-110220	11/2/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		0.0027	J	J	<0 0067	U		<0.0056	U		<0.02	U	
		VMP-47-10-042820	4/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-47-10-072720	7/27/2020	<0.0048	U		<0.05	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-47-10-110220	11/2/2020	<0.0048	U		<0.049	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U	UJ	<0 0064	U		<0.0053	U		<0.019	U	
		VMP-47-20-042820	4/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-47-20-072720	7/27/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-47-20-110220	11/2/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		0.022			<0 0065	U		<0.0054	U		<0.019	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.02	U	
		VMP-47-30-042820	4/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-47-30-072720	7/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-47-30-110220	11/2/2020	<0.0048	U		<0.049	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-48	5 ft	VMP-48-5-012920	1/29/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U	UJ	<0 0071	U		<0.0059	U		<0.021	U	
		VMP-48-5-042420	4/24/2020	<0.006	U		<0.062	U		<0.0052	U		<0.024	U		0.0038	J		<0 0072	U		<0.006	U		<0.021	U	
		VMP-48-5-073020	7/30/2020	<0.0046	U		<0.048	U		<0.004	U		<0.018	U		<0.013	U		<0 0056	U		<0.0046	U		<0.016	U	
		VMP-48-5-110220	11/2/2020	<0.0047	U		<0.049	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0.017	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.006	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U	UJ	<0 0072	U		<0.006	U		<0.021	U	
		VMP-48-10-042420	4/24/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-48-10-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-48-10-110220	11/2/2020	<0.0053	U		0.024	J		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
	20 ft	VMP-48-20-110220	11/2/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.0059	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.021	U	
		VMP-48-30-073020	7/30/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-48-30-110220	11/2/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-49-5-042920	4/29/2020	<0.006	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0 0072	U		<0.006	U		<0.021	U	
		VMP-49-5-072420	7/24/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-49-5-110420	11/4/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.0018	J		<0 0063	U		<0.0053	U		<0.018	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-49-10-042920	4/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-49-10-072420	7/24/2020	<0.0057	U		<0.06	U		0.0012	J		<0.023	U		<0.016	U		<0 0069	U		<0.0057	U		<0.02	U	
		VMP-49-10-110420	11/4/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-49-20-042920	4/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-49-20-072420	7/24/2020	<0.0049	U		<0.051	U		0.0039	J		<0.019	U		0.022			<0 0058	U		<0.0049	U		<0.017	U	
		VMP-49-20-110420	11/4/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		0.029			<0 0062	U		<0.0052	U		<0.018	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-49-30-042920	4/29/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-49-30-072420	7/24/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-49-30-110420	11/4/2020	<0.41	U		<4.3	U		0.61			<1.6	U		120			<0.49	U		<0.41	U		<0.36	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-50-5-042820	4/28/2020	0.0017	J		<0.056	U		<0.0047	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-50-5-072720	7/27/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-50-5-110520	11/5/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0 0056	U		<0.0047	U		<0.016	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		0.001	J		<0.0058	U		<0.02	U	
		VMP-50-10-042820	4/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-50-10-072720	7/27/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-50-10-110520	11/5/2020	<0.005	U		<0.052	U		<0.0043	U		0.0046	J		0.012	J		<0 0059	U		<0.005	U		<0.017	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-50-20-042820	4/28/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.018	U	
		VMP-50-20-072720	7/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.011	J		<0.006	U		<0.005	U		<0.018	U	
		VMP-50-20-110520	11/5/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
		VMP-50-20-110520-DUP	11/5/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		0.0049	J		<0 0065	U		<0.0054	U		<0.019	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.11	U		<1.1	U		0.25			<0.44	U		15			<0.13	U		<0.11	U		<0.39	U	
		VMP-50-30-042820	4/28/2020	0.52			<0.72	U		1.7			<0.28	U		12			<0.083	U		<0.069	U		<0.24	U	
		VMP-50-30-072720	7/27/2020	0.19			<0.53	U		1.2			<0.2	U		9			<0.061	U		<0.051	U		<0.18	U	
		VMP-50-30-110520	11/5/2020	<0.01	U		<0.1	U		0.014			<0.04	U		1.9			<0.012	U		<0.01	U		<0.036	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-51	5 ft	VMP-51-5-012820	1/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-51-5-042720	4/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-51-5-072320	7/23/2020	0.00088	J		<0.051	U		0.0012	J		<0.019	U		0.016			<0 0058	U		<0.0049	U		<0.017	U	
		VMP-51-5-103020	10/30/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.0056	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-51-10-042720	4/27/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-51-10-072320	7/23/2020	0.0023	J		<0.05	U		0.0032	J		<0.019	U		0.0077	J		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-51-10-103020	10/30/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
	20 ft	VMP-51-20-022120	2/21/2020	0.0038	J		<0.051	U		0.0073			<0.019	U		0.0054	J		<0 0058	U		<0.0049	U		<0.017	U	
		VMP-51-20-042720	4/27/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-51-20-072320	7/23/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
		VMP-51-20-103020	10/30/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.0055	U		<0.057	U		0.0016	J		<0.022	U		0.011	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-51-30-042720	4/27/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-51-30-072320	7/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-51-30-103020	10/30/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.006	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0072	U		<0.006	U		<0.021	U	
		VMP-52-5-042720	4/27/2020	<0.0048	U		<0.049	U		<0.0041	U		<0.019	U		0.0038	J		<0 0057	U		<0.0048	U		<0.017	U	
		VMP-52-5-072320	7/23/2020	0.00087	J		<0.05	U		0.002	J		0.001	J		0.003	J		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-52-5-102920	10/29/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
		VMP-52-10-102920	10/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-52-20-042720	4/27/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-52-20-072320	7/23/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-52-20-102920	10/29/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0 0058	U		<0.0049	U		<0.017	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0 0068	U		<0.0057	U		<0.02	U	
		VMP-52-30-042720	4/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-52-30-072320	7/23/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.0014	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-52-30-102920	10/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.0058	U		<0.06	U		0.0043	J		<0.023	U		0.0022	J		<0 0069	U		<0.0058	U		<0.02	U	
		VMP-53-5-042220	4/22/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-53-5-072220	7/22/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		0.00087	J		<0.017	U	
		VMP-53-5-102820	10/28/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		<0.0048	U		<0.017	U	
		VMP-53-10-042220	4/22/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-53-10-072220	7/22/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.003	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-53-10-102820	10/28/2020	0.0018	J		<0.049	U		0.0042			<0.019	U		0.0075	J		<0 0057	U		<0.0048	U		<0.017	U	
	20 ft	VMP-53-20-012220	1/22/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-53-20-042220	4/22/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0053	U		<0.019	U	
		VMP-53-20-072220	7/22/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-53-20-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.0053	U		<0.055	U		0.0052			<0.021	U		0.011	J		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0054	U		<0.056	U		0.0022	J		<0.022	U		0.004	J		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-53-30-042220	4/22/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-53-30-072220	7/22/2020	<0.005	U		<0.052	U		0.00068	J		<0.02	U		0.0022	J		<0.006	U		<0.005	U		<0.018	U	
		VMP-53-30-102820	10/28/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-54	5 ft	VMP-54-5-012220	1/22/2020	<0.0069	U		<0.071	U		<0.0059	U		<0.027	U		<0.02	U		<0 0082	U		<0.0069	U		<0.024	U	
		VMP-54-5-042720	4/27/2020	<0.0054	U		<0.056	U		0.0014	J		<0.022	U		0.0035	J		0.0009	J		<0.0054	U		<0.019	U	
		VMP-54-5-052120	5/21/2020	0.0016	J		<0.052	U		0.002	J		<0.02	U		0.0035	J		<0 0059	U		<0.005	U		<0.017	U	
		VMP-54-5-072220	7/22/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		0.0064	J		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-54-5-102820	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	10 ft	VMP-54-10-031220	3/12/2020	0.0039	J		<0.053	U		0.011			<0.02	U		0.0072	J		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-54-10-042720	4/27/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-54-10-072220	7/22/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-54-10-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		0 00063	J		<0.0051	U		<0.018	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0053	U		<0.019	U	
		VMP-54-20-042720	4/27/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-54-20-072220	7/22/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-54-20-102820	10/28/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.0062	U		<0.064	U		<0.0053	U		<0.025	U		<0.018	U		<0 0074	U		<0.0062	U		<0.022	U	
		VMP-54-30-042720	4/27/2020	<0.0054	U		<0.056	U		0.0022	J		<0.022	U		0.0029	J		<0 0065	U		<0.0054	U		<0.019	U	
		VMP-54-30-072220	7/22/2020	0.0046	J		<0.056	U		0.01			<0.021	U		0.018			0.022			<0.0053	U		<0.019	U	
		VMP-54-30-102820	10/28/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		0 00044	J		<0.0049	U		<0.017	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-56-10-042420	4/24/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		<0.0054	U		<0.019	U	
		VMP-56-10-072320	7/23/2020	0.14			<0.055	U		0.12			<0.021	U		0.022			0.0012	J		<0.0053	U		<0.019	U	
		VMP-56-10-072320-DUP	7/23/2020	0.15			<0.059	U		0.12			<0.023	U		0.02			0 00096	J		<0.0057	U		<0.02	U	
		VMP-56-10-110320	11/3/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0 0064	U		0.006			<0.019	U	
		VMP-56-25-042420	4/24/2020	<0.0056	U		<0.059	U		<0.0048	U		<0.022	U		<0.016	U		0.0011	J		<0.0056	U		<0.02	U	
		VMP-56-25-072320	7/23/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-56-25-110320	11/3/2020	<0.0053	U		<0.055	U		<0.0045	U	UJ	<0.021	U		0.025			<0 0063	U		<0.0053	U		<0.019	U	
		VMP-56-25-110320-DUP	11/3/2020	0.007			<0.055	U		0.014		J	<0.021	U		0.031			<0 0063	U		<0.0053	U		<0.019	U	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U	UJ	<0 0059	U		<0.0049	U		<0.017	U	
		VMP-62-5-042820	4/28/2020	0.0012	J		<0.058	U		<0.0048	U		<0.022	U		0.0063	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-62-5-072720	7/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-62-5-102920	10/29/2020	0.06			<0.052	U		0.062			<0.02	U		0.013	J		<0 0059	U		<0.005	U		<0.017	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U	UJ	<0 0063	U		<0.0052	U		<0.018	U	
		VMP-62-10-042820	4/28/2020	<0.0061	U		<0.064	U		<0.0053	U		<0.024	U		<0.018	U		<0 0073	U		<0.0061	U		<0.022	U	
		VMP-62-10-072720	7/27/2020	<0.0046	U		<0.048	U		<0.004	U		<0.018	U		<0.013	U		<0 0055	U		<0.0046	U		<0.016	U	
		VMP-62-10-102920	10/29/2020	<0.005	U		<0.052	U		<0.0043	U		0 00076	J		<0.014	U		<0 0059	U		<0.005	U		<0.017	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.0059	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U	UJ	<0.007	U		<0.0058	U		<0.021	U	
		VMP-62-20-042820	4/28/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-62-20-072720	7/27/2020	<0.0048	U		<0.049	U		<0.0041	U		<0.019	U		0.042			<0 0057	U		<0.0048	U		<0.017	U	
		VMP-62-20-102920	10/29/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U	UJ	<0 0066	U		<0.0055	U		<0.019	U	
		VMP-62-30-042820	4/28/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-62-30-072720	7/27/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0058	U		0.0082			<0.017	U	
		VMP-62-30-102920	10/29/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0 0061	U		<0.005	U		<0.018	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			600						3700		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-63	5 ft	VMP-63-5-012720	1/27/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		0.0044	J		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0058	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-63-5-042420	4/24/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-63-5-072820	7/28/2020	<0.0051	U		<0.053	U		0.0017	J		<0.02	U		0.0034	J		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-63-5-110320	11/3/2020	0.0012	J		<0.053	U		0.004	J		<0.02	U		0.0037	J		<0 0061	U		<0.005	U		<0.018	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0049	U		<0.051	U		0.0042			<0.02	U		0.013	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-63-10-042420	4/24/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-63-10-072820	7/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-63-10-110320	11/3/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0 0067	U		<0.0056	U		<0.02	U	
		VMP-63-20-042420	4/24/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		0.0024	J		<0 0059	U		<0.0049	U		<0.017	U	
		VMP-63-20-072820	7/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-63-20-110320	11/3/2020	<0.0052	U		<0.054	U		0.0023	J		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.0056	U		<0.059	U		<0.0048	U		<0.022	U		0.01	J		<0 0068	U		<0.0056	U		<0.02	U	
		VMP-63-30-042420	4/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
		VMP-63-30-072820	7/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.0034	J		<0.006	U		<0.005	U		<0.018	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		0.0034	J		<0 0057	U		<0.0048	U		<0.017	U	
		VMP-63-30-110320	11/3/2020	0.00086	J		<0.052	U		0.0025	J		<0.02	U		0.0045	J		<0 0059	U		<0.005	U		<0.017	U	
		VMP-63-30-110320-DUP	11/3/2020	0.00075	J		<0.052	U		0.0021	J		<0.02	U		0.005	J		<0 0059	U		<0.005	U		<0.017	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		0.0018	J		<0.0056	U		<0.02	U	
		VMP-64-5-042420	4/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0 0063	U		<0.0052	U		<0.018	U	
		VMP-64-5-072420	7/24/2020	<0.005	U		<0.052	U		0.0013	J		<0.02	U		0.0068	J		<0.006	U		<0.005	U		<0.018	U	
		VMP-64-5-103020	10/30/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0048	U		<0.017	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0 0066	U		<0.0055	U		<0.019	U	
		VMP-64-10-042420	4/24/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.013	U		<0 0056	U		<0.0047	U		<0.016	U	
		VMP-64-10-072420	7/24/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-64-10-103020	10/30/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0 0062	U		<0.0052	U		<0.018	U	
	20 ft	VMP-64-20-012820	1/28/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0 0071	U		<0.0059	U		<0.021	U	
		VMP-64-20-042420	4/24/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-64-20-072420	7/24/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-64-20-072420-DUP	7/24/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0 0061	U		<0.0051	U		<0.018	U	
		VMP-64-20-103020	10/30/2020	<0.0047	U		<0.049	U		<0.0041	U		<0.019	U		<0.014	U		<0 0057	U		<0.0047	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.012	U		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-1-5-042420	4/24/2020	0.007	J		0.0051	J		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		0.0016	J		<0.039	U	
		VMP-1-5-072820	7/28/2020	0.0084	J		<0 0058	U		<0.0081	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-1-5-110220	11/2/2020	0.0092	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.014	U		0.0029	J		<0.0061	U		<0 0099	U		<0.0098	U		<0 0042	U		<0.0054	U		<0.043	U	
		VMP-1-8.5-042420	4/24/2020	<0.013	U		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		0.0015	J		<0.038	U	
		VMP-1-8.5-072820	7/28/2020	0.011	J		0.0013	J		<0.0086	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-1-8.5-110220	11/2/2020	0.0049	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0037	U		0.00049	J		<0.037	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	0.0056	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-1-23.5-042420	4/24/2020	0.008	J		<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		0.002	J		<0.035	U	
		VMP-1-23.5-072820	7/28/2020	0.0098	J		<0 0064	U		<0.0089	U		<0.009	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.039	U	
		VMP-1-23.5-110220	11/2/2020	0.0057	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		0.00063	J		<0.038	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.012	U		<0 0063	U		<0.0054	U		<0 0088	U		<0.0086	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-1-38.5-072820	7/28/2020	0.0076	J		<0 0062	U		<0.0086	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-1-38.5-110220	11/2/2020	0.01	J		<0 0056	U		<0.0049	U		<0 0079	U		<0.0078	U		<0 0034	U		<0.0043	U		<0.034	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.013	U		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-2-5-042420	4/24/2020	0.067			<0 0065	U		<0.0057	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-2-5-072420	7/24/2020	0.017			<0 0056	U		<0.0049	U		<0 0079	U		0.012			<0 0034	U		<0.0043	U		<0.034	U	
		VMP-2-5-110420	11/4/2020	0.0082	J		<0 0064	U		<0.0056	U		<0.009	U		0.84			<0 0039	U		<0.0049	U		<0.039	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.014	U		<0 0068	U		<0.0059	U		<0 0095	U		0.0048	J		<0 0041	U		0.0043	J		<0.041	U	
		VMP-2-8.5-042420	4/24/2020	0.0046	J		<0 0065	U		<0.0056	U		<0 0091	U		0.0031	J		<0 0039	U		<0.005	U		<0.039	U	
		VMP-2-8.5-072420	7/24/2020	0.032			<0 0058	U		<0.0051	U		<0 0082	U		0.0092			<0 0035	U		<0.0045	U		<0.035	U	
		VMP-2-8.5-110420	11/4/2020	0.014			<0.006	U		<0.0052	U		<0 0084	U		0.0066	J		<0 0036	U		0.00048	J		<0.036	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.014	U		<0 0068	U		<0.0059	U		<0 0096	U		<0.0095	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-2-22-042420	4/24/2020	0.0038	J		<0.007	U		<0.006	U		<0 0097	U		0.0039	J		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-2-22-042420-DUP	4/24/2020	0.0053	J		<0.007	U		<0.006	U		<0 0097	U		0.0035	J		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-2-22-072420	7/24/2020	0.01	J		<0 0063	U		<0.0054	U		<0 0088	U		0.0059	J		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-2-22-110420	11/4/2020	<0.12	U		0.016	J		<0.052	U		<0.084	U		<0.083	U		<0.036	U		<0.046	U		<0.36	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.017	U		<0 0084	U		<0.0073	U		<0.012	U		<0.012	U		<0.005	U		<0.0064	U		<0.051	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.013	U		<0 0067	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-3-5-042920	4/29/2020	0.0072	J		<0 0066	J	U	<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-3-5-072920	7/29/2020	0.006	J		0.023			<0.0091	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-3-5-110420	11/4/2020	0.02			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.011	U		<0 0056	U		<0.0049	U		<0 0079	U		<0.0078	U		<0 0034	U		<0.0043	U		<0.034	U	
		VMP-3-10-072920	7/29/2020	0.0096	J		<0 0062	U		<0.0086	U		0 00078	J		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	J	U
		VMP-3-10-110420	11/4/2020	0.014			<0 0066	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
	22 ft	VMP-3-22-012720	1/27/2020	0.004	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-3-22-042920	4/29/2020	0.0072	J		<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.043	U	
		VMP-3-22-072920	7/29/2020	0.0073	J		<0 0065	J	U	<0.009	U		<0 0091	U		0.02			<0 0039	U		<0.005	U		<0.039	U	
		VMP-3-22-110420	11/4/2020	0.0096	J		<0 0066	U		<0.0058	U		<0 0093	U		0.0015	J		<0.004	U		0.0007	J		<0.04	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.12	U		<0.058	U		<0.05	U		<0.081	U		<0.08	U		<0.035	U		<0.044	U		<0.35	U	
		VMP-3-31.5-042920	4/29/2020	<3.2	U		0.93	J	J	<1.4	U		<2.2	U		<2.2	U		<0.95	U		<1.2	U		<9.6	U	
		VMP-3-31.5-072920	7/29/2020	0.014	J		<0.051	U		<0.07	U		<0.071	U		<0.07	U		<0.03	U		<0.039	U		<0.3	U	
		VMP-3-31.5-110420	11/4/2020	<12	U		18			<5.4	U		<8.6	U		<8.5	U		<3.7	U		<4.7	U		<37	U	

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	0.0097	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-4-5-042820	4/28/2020	0.005	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-4-5-073020	7/30/2020	0.01	J		<0.006	U		<0.0084	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	J	U
		VMP-4-5-073020-DUP	7/30/2020	0.0065	J		<0 0063	U		<0.0088	U		<0 0088	U		<0.0087	U		<0 0038	U		0.001	J		<0.038	U	
		VMP-4-5-103020	10/30/2020	0.0089	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0047	U		<0.037	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.012	U		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-4-12-042820	4/28/2020	0.0039	J		0.0016	J		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-4-12-073020	7/30/2020	0.0082	J		<0 0062	U		<0.0086	U		<0 0086	U		<0.0085	U		<0 0037	U		0.0012	J		<0.037	U	
		VMP-4-12-103020	10/30/2020	0.0075	J		<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.013	U		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-4-23.5-042820	4/28/2020	0.0037	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		0.0014	J		<0.039	U	
		VMP-4-23.5-073020	7/30/2020	0.0075	J		0.00055	J		<0.0087	U		<0 0088	U		<0.0086	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-4-23.5-103020	10/30/2020	0.0069	J		<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0045	U		<0.036	U	
		VMP-4-23.5-103020-DUP	10/30/2020	0.011	J		<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.011	U		<0 0055	U		<0.0048	U		<0 0077	U		<0.0076	U		<0 0033	U		<0.0042	U		<0.033	U	
		VMP-5-5-042720	4/27/2020	0.0029	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-5-5-072320	7/23/2020	0.003	J		<0 0063	U		<0.0088	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-5-5-103020	10/30/2020	0.0049	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.013	U		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-5-12.5-042720	4/27/2020	0.0033	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-5-12.5-072320	7/23/2020	0.0044	J		<0 0061	U		<0.0084	U		<0 0085	U		<0.0084	U		<0 0036	U		0.00095	J		<0.037	U	
		VMP-5-12.5-103020	10/30/2020	0.0074	J		0.0017	J		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.012	U		<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-5-31-042720	4/27/2020	0.0055	J		<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-5-31-072320	7/23/2020	0.0025	J		<0.006	U		<0.0083	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-5-31-072320-DUP	7/23/2020	0.0026	J		<0 0062	U		<0.0086	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-5-31-103020	10/30/2020	0.016			<0 0067	U		<0.0058	U		<0 0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-5-31-103020-DUP	10/30/2020	0.0049	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	J	U	<0.038	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	0.031			<0 0071	U		<0.0062	U		<0.01	U		<0.0098	U		<0 0043	U		<0.0055	U		<0.043	U	
		VMP-6-5-042720	4/27/2020	0.0071	J		0.005	J		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-6-5-072220	7/22/2020	<0.013	U		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-6-5-102920	10/29/2020	0.012			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	10 ft	VMP-6-10-012320	1/23/2020	0.026			<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-6-10-042720	4/27/2020	0.0044	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-6-10-072220	7/22/2020	0.0054	J		0.0021	J		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-6-10-102920	10/29/2020	0.035			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.011	U		<0 0055	U		<0.0048	U		<0 0077	U		0.0021	J		<0 0033	U		<0.0042	U		<0.033	U	
		VMP-6-31.5-042720	4/27/2020	0.0054	J		0.0022	J		<0.0059	U		<0 0095	U		0.0043	J		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-6-31.5-072220	7/22/2020	<0.013	J	U	<0 0067	U		<0.0058	U		<0 0094	U		0.0038	J		<0.004	U		<0.0051	U		<0.04	U	
		VMP-6-31.5-102920	10/29/2020	0.015			<0 0058	U		<0.0051	U		<0 0082	U		0.0026	J		<0 0035	U		<0.0045	U		<0.035	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.013	U		<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-7-5-042720	4/27/2020	0.015			<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	J	U
		VMP-7-5-073020	7/30/2020	0.0089	J		<0.006	U		<0.0083	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		0.0012	J	
		VMP-7-5-110420	11/4/2020	0.0071	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	0.0049	J		<0.006	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.0039	J		<0.036	U	
		VMP-7-13.5-042720	4/27/2020	0.0041	J		<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	J	U
		VMP-7-13.5-073020	7/30/2020	0.0088	J		<0 0063	U		<0.0088	U		<0 0088	U		0.0026	J		<0 0038	U		0.00099	J		<0.038	U	
		VMP-7-13.5-110420	11/4/2020	0.014			0.0019	J		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		0.00049	J		<0.039	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	0.02			<0.006	U		<0.0052	U		<0 0084	U		0.014			<0 0036	U		<0.0046	U		<0.036	U	
		VMP-7-29.5-012720-DUP	1/27/2020	0.02			<0 0062	U		<0.0053	U		<0 0086	U		0.012			<0 0037	U		<0.0047	U		<0.037	U	
		VMP-7-29.5-042720	4/27/2020	0.0034	J		<0 0068	U		<0.0059	U		<0 0095	U		0.005	J		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-7-29.5-073020	7/30/2020	0.0062	J		<0 0063	U		<0.0088	U		<0 0088	U		0.0099			<0 0038	U		<0.0049	U		<0.038	U	
		VMP-7-29.5-110420	11/4/2020	0.38			<0.006	U		<0.0052	U		<0 0083	U		0.0093			<0 0036	U		0.00052	J		<0.036	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	0.03			<0 0068	U		<0.0059	U		<0 0096	U		<0.0095	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-8-5-012220-DUP	1/22/2020	0.0067	J		<0.007	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-8-5-042220	4/22/2020	0.0032	J		0.00092	J		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-8-5-072220	7/22/2020	0.01	J		<0.006	U		<0.0052	U		<0 0084	U		0.22			<0 0036	U		<0.0046	U		<0.036	U	
		VMP-8-5-102820	10/28/2020	0.0089	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		0.00038	J		<0.037	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	0.049			<0 0068	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		0.0048	J		<0.041	U	
		VMP-8-9.5-042220	4/22/2020	0.0037	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-8-9.5-072220	7/22/2020	<0.012	J	U	<0 0063	U		<0.0054	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-8-9.5-072220-DUP	7/22/2020	0.0051	J		<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0045	U		<0.036	U	
		VMP-8-9.5-102820	10/28/2020	0.044			<0 0063	U		<0.0054	U		<0 0088	U		<0.0087	U		<0 0038	U		0.00023	J		<0.038	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	0.14			<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-8-23.5-042220	4/22/2020	0.0037	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-8-23.5-072220	7/22/2020	<0.012	J	U	<0 0058	U		<0.005	U		<0 0081	U		0.016			<0 0035	U		<0.0044	U		<0.035	U	
		VMP-8-23.5-102820	10/28/2020	0.015			<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	0.098			<0 0066	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-8-35.5-042220	4/22/2020	0.0028	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-8-35.5-072220	7/22/2020	<0.012	U		<0.006	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.00042	J		<0.036	U	
		VMP-8-35.5-102820	10/28/2020	0.02			<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		0.0013	J		<0.038	U	
		VMP-8-35.5-102820-DUP	10/28/2020	0.03			<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	0.029			<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-9-5-042220	4/22/2020	0.0066	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-9-5-072220	7/22/2020	<0.013	J	U	<0 0064	U		<0.0056	U		<0.009	U		0.0043	J		<0 0038	U		<0.0049	U		<0.039	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.012	J	U	<0 0063	U		<0.0054	U		<0 0088	U		0.057			<0 0038	U		<0.0048	U		<0.038	U	
		VMP-9-5-102820	10/28/2020	0.029			<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0045	U		<0.036	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	0.027			<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-9-11.5-042220	4/22/2020	0.0059	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-9-11.5-072220	7/22/2020	0.013			<0 0064	U		<0.0055	U		<0 0089	U		0.0011	J		<0 0038	U		0.00098	J		<0.038	U	
		VMP-9-11.5-102820	10/28/2020	0.015			<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	0.023			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-9-25.5-042220	4/22/2020	0.0022	J		<0 0057	U		<0.005	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
		VMP-9-25.5-042220-DUP	4/22/2020	0.0072	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-9-25.5-072220	7/22/2020	0.0064	J		<0 0063	U		<0.0054	U		<0 0088	U		<0.0087	U		<0 0038	U		0.0022	J		<0.038	U	
		VMP-9-25.5-102820	10/28/2020	0.0093	J		<0 0061	U		<0.0053	U		<0 0085	U		0.0012	J		<0 0036	U		0.0011	J		<0.037	U	
		VMP-9-25.5-102820-DUP	10/28/2020	0.0055	J		<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		0.00098	J		<0.036	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.014	U		<0 0073	U		<0.0063	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-18-8.5-042920	4/29/2020	0.068		J	<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-18-8.5-042920-DUP	4/29/2020	0.56		J	<0 0055	U		<0.0048	U		<0 0077	U		<0.0076	U		<0 0033	U		<0.0042	U		<0.033	U	
		VMP-18-8.5-112420	11/24/2020	0.007	J		<0 0055	U		<0.0048	U		<0 0077	U		<0.0076	U		<0 0033	U		<0.0042	U		<0.033	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	0.0041	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-19-5-043020	4/30/2020	0.01	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-19-5-043020-DUP	4/30/2020	0.013			<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-19-5-072720	7/27/2020	<0.012	J	U	<0 0059	U		<0.0082	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
		VMP-19-5-110420	11/4/2020	0.013	J		<0 0065	U		<0.0056	U		<0 0091	U		0.002	J		<0 0039	U		<0.005	U		<0.039	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.014	U		<0 0069	U		<0.006	U		<0 0096	U		0.0074	J		<0 0041	U		<0.0053	U		<0.042	U	
		VMP-20-5-022120	2/21/2020	<0.012	U		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-20-5-042420	4/24/2020	0.011	J		<0 0063	U		<0.0054	U		<0 0088	U		0.0053	J		<0 0038	U		0.0021	J		<0.038	U	
		VMP-20-5-072320	7/23/2020	<0.012	J	U	0.0016	J		<0.0083	U		<0 0084	U		<0.0083	U		<0 0036	U		0.00092	J		<0.036	U	
		VMP-20-5-112420	11/24/2020	0.018		J	<0 0053	U		<0.0046	U		<0 0074	U		<0.0074	U		<0 0032	U		<0.0041	U		<0.032	U	
	10 ft	VMP-20-10-012420	1/24/2020	0.026			<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-20-10-042420	4/24/2020	0.0016	J		<0 0063	U		<0.0054	U		<0 0088	U		<0.0086	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-20-10-072320	7/23/2020	<0.012	J	U	<0 0061	U		<0.0085	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	J	U
		VMP-20-10-110220	11/2/2020	0.0086	J		<0 0057	U		<0.005	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
	25 ft	VMP-20-25-012420	1/24/2020	0.027			<0 0067	U		<0.0058	U		<0 0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-20-25-042420	4/24/2020	0.0054	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-20-25-072320	7/23/2020	0.0056	J		0.0076			<0.008	U		<0 0081	U		<0.008	U		<0 0035	U		0.00093	J		<0.035	U	
		VMP-20-25-110220	11/2/2020	0.016			<0 0056	U		<0.0048	U		<0 0078	U		<0.0077	U		<0 0033	U		<0.0042	U		<0.034	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-21	5 ft	VMP-21-5-012220	1/22/2020	0.026			<0 0067	U		<0.0058	U		<0 0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-21-5-042320	4/23/2020	0.044		J	<0.007	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		0.0028	J		<0.042	U	
		VMP-21-5-072420	7/24/2020	0.01	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-21-5-102920	10/29/2020	0.0044	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	10 ft	VMP-21-10-012220	1/22/2020	0.03			<0 0069	U		<0.006	U		<0 0096	U		<0.0095	U		<0 0041	U		0.037			<0.042	U	
		VMP-21-10-042320	4/23/2020	0.006	J	J	<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-21-10-072420	7/24/2020	0.02			0.0015	J		<0.0049	U		<0 0079	U		<0.0078	U		<0 0034	U		<0.0043	U		<0.034	U	
		VMP-21-10-102920	10/29/2020	0.0055	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	25 ft	VMP-21-25-012220	1/22/2020	0.031			<0 0068	U		<0.0059	U		<0 0096	U		<0.0095	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-21-25-042320	4/23/2020	<0.014	U	UJ	<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-21-25-072420	7/24/2020	0.012	J		0.0031	J		<0.0057	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-21-25-102920	10/29/2020	0.0058	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	33 ft	VMP-21-33-012220	1/22/2020	0.047			<0.007	U		<0.0061	U		<0 0098	U		0.0032	J		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-21-33-042320	4/23/2020	<0.012	U	UJ	<0 0058	U		<0.0051	U		<0 0082	U		0.0045	J		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-21-33-072420	7/24/2020	0.013			<0 0065	U		<0.0056	U		<0 0091	U		0.0037	J		<0 0039	U		0.0021	J		<0.039	U	
		VMP-21-33-102920	10/29/2020	0.0084	J		0.0018	J		<0.0053	U		<0 0085	U		0.0021	J		<0 0036	U		<0.0046	U		<0.037	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.012	U		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-22-5-042820	4/28/2020	0.022			<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-22-5-072320	7/23/2020	0.0092	J		<0 0064	U		<0.0088	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-22-5-110520	11/5/2020	0.0077	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.00046	J		<0.036	U	
	10 ft	VMP-22-10-012320	1/23/2020	0.0061	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		0.032			<0.04	U	
		VMP-22-10-042820	4/28/2020	0.0034	J		<0 0057	U		<0.0049	U		<0 0079	U		<0.0078	U		<0 0034	U		<0.0044	U		<0.034	U	
		VMP-22-10-072320	7/23/2020	0.009	J		<0 0061	U		<0.0084	U		<0 0085	U		0.014			<0 0036	U		<0.0047	U		<0.037	U	
		VMP-22-10-110520	11/5/2020	0.0052	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	18 ft	VMP-22-18-012320	1/23/2020	0.04			0.0022	J		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-22-18-042820	4/28/2020	0.0057	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-22-18-072320	7/23/2020	0.0021	J		<0 0068	U		<0.0094	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-22-18-110520	11/5/2020	0.0053	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	38 ft	VMP-22-38-012320	1/23/2020	0.0068	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.013	U		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-22-38-042820	4/28/2020	0.034		J	<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		0.018			<0.038	U	
		VMP-22-38-042820-DUP	4/28/2020	0.0061	J	J	<0 0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
		VMP-22-38-110520	11/5/2020	0.004	J		<0 0062	U		<0.0054	U		<0 0086	U		0.14			<0 0037	U		<0.0047	U		<0.037	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.012	U		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-23-5-042820	4/28/2020	0.014			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0037	U		0.0015	J		<0.037	U	
		VMP-23-5-072320	7/23/2020	0.023			0.003	J		<0.0087	U		<0 0088	U		<0.0087	U		<0 0038	U		0.034			<0.038	U	
		VMP-23-5-102920	10/29/2020	0.0046	J		<0 0062	U		<0.0054	U		<0 0086	U		0.00098	J		<0 0037	U		<0.0047	U		<0.037	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.012	U		<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		0.014			<0.036	U	
		VMP-23-10-042820	4/28/2020	0.0046	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0047	U		<0.037	U	
		VMP-23-10-072320	7/23/2020	<0.013	J	U	0.0019	J		<0.0093	U		<0 0093	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	J	U
		VMP-23-10-102920	10/29/2020	0.014			<0 0061	U		<0.0053	U		<0 0085	U		0.002	J		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-23-10-102920-DUP	10/29/2020	0.012			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.011	U		<0 0054	U		<0.0047	U		<0 0076	U		<0.0075	U		<0 0032	U		<0.0042	U		<0.033	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.011	U		<0 0054	U		<0.0047	U		<0 0076	U		<0.0075	U		<0 0033	U		<0.0042	U		<0.033	U	
		VMP-23-25-042820	4/28/2020	0.0037	J	J	<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-23-25-042820-DUP	4/28/2020	0.18		J	<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		0.0017	J		<0.036	U	
		VMP-23-25-072320	7/23/2020	<0.013	J	U	0.052			<0.0091	U		<0 0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U	
		VMP-23-25-102920	10/29/2020	0.0069	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-24	5 ft	VMP-24-5-012320	1/23/2020	0.023			<0 0073	U		<0.0063	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-24-5-012320-DUP	1/23/2020	0.032			<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-24-5-042220	4/22/2020	0.0031	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-24-5-072220	7/22/2020	<0.012	J	U	<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0037	U		0.0008	J		<0.037	U	
		VMP-24-5-102920	10/29/2020	0.0088	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	10 ft	VMP-24-10-012320	1/23/2020	0.012	J		0.0049	J		<0.0063	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-24-10-042220	4/22/2020	0.0042	J		0.004	J		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-24-10-072220	7/22/2020	<0.012	U		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-24-10-102920	10/29/2020	0.0073	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	22 ft	VMP-24-22-012320	1/23/2020	0.03			<0 0067	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-24-22-042220	4/22/2020	0.013			<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-24-22-042220-DUP	4/22/2020	0.0076	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-24-22-072220	7/22/2020	<0.012	U		<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		0.0014	J		<0.035	U	
		VMP-24-22-102920	10/29/2020	0.005	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
	34 ft	VMP-24-34-012320	1/23/2020	0.013	J		<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-24-34-042220	4/22/2020	0.0077	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-24-34-072220	7/22/2020	<0.013	J	U	<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-24-34-102920	10/29/2020	0.027			<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		0.00048	J		<0.038	U	
		VMP-24-34-102920-DUP	10/29/2020	0.012	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	0.016	J		<0 0093	U		<0.0081	U		<0.013	U		<0.013	U		<0 0056	U		0.01			<0.056	U	
		VMP-32-5-042920	4/29/2020	0.0043	J		<0 0067	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		0.0014	J		<0.04	U	
		VMP-32-5-072920	7/29/2020	0.0095	J		<0 0064	J	U	<0.0089	U		<0.009	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.039	U	
		VMP-32-5-110420	11/4/2020	0.0075	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	10 ft	VMP-32-10-012820	1/28/2020	0.002	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-32-10-042920	4/29/2020	0.0099	J		<0 0067	U		<0.0058	U		<0 0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-32-10-072920	7/29/2020	0.0068	J		<0 0065	U		<0.009	U		<0.009	U		0.003	J		<0 0039	U		<0.005	U		<0.039	U	
		VMP-32-10-110420	11/4/2020	0.013			<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0045	U		<0.036	U	
	20 ft	VMP-32-20-012820	1/28/2020	0.006	J		0.0037	J		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-32-20-042920	4/29/2020	0.0089	J		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-32-20-072920	7/29/2020	0.0058	J		0.018			<0.0085	U		<0 0085	U		<0.0084	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-32-20-110420	11/4/2020	0.012	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
	30 ft	VMP-32-30-012820	1/28/2020	0.0016	J		<0 0071	U		<0.0062	U		<0 0099	U		<0.0098	U		<0 0043	U		<0.0054	U		<0.043	U	
		VMP-32-30-072920	7/29/2020	0.0099	J		<0 0065	J	U	<0.0091	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-32-30-110420	11/4/2020	0.014			<0 0063	U		<0.0054	U		<0 0088	U		<0.0087	U		<0 0038	U		0.0075			<0.038	U	
		VMP-32-30-110420-DUP	11/4/2020	0.022			<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.014	U		<0 0073	U		<0.0063	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-42-10-042920	4/29/2020	0.0051	J		<0 0072	U		<0.0063	U		<0.01	U		<0.01	U		<0 0043	U		<0.0056	U		<0.044	U	
		VMP-42-10-072820	7/28/2020	0.0073	J		0.00071	J		<0.0086	U		0.0012	J		<0.0085	U		<0 0037	U		<0.0047	U		0.0021	J	
		VMP-42-10-110520	11/5/2020	0.0092	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.014	U		<0.007	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-42-20-042920	4/29/2020	0.0063	J		<0 0068	U		<0.0059	U		<0 0096	U		<0.0095	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-42-20-042920-DUP	4/29/2020	0.0057	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-42-20-072820	7/28/2020	0.0093	J		<0.006	U		<0.0083	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-42-20-110520	11/5/2020	0.023			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.0014	J		<0.036	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.014	U		<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-42-30-042920	4/29/2020	0.011	J		<0 0077	U		<0.0067	U		<0.011	U		<0.011	U		<0 0046	U		<0.0059	U		<0.047	U	
		VMP-42-30-072820	7/28/2020	0.01	J		<0 0059	U		<0.0082	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-42-30-110520	11/5/2020	0.0057	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-42-30-110520-DUP	11/5/2020	0.0076	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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	10 ft	VMP-43-10-012720	1/27/2020	<0.012	U		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-43-10-043020	4/30/2020	0.0084	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		0.0011	J		<0.04	U	
		VMP-43-10-072820	7/28/2020	0.0073	J		0.0009	J		<0.0089	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
		VMP-43-10-110320	11/3/2020	0.033			<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
	20 ft	VMP-43-20-012720	1/27/2020	0.032			<0 0067	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-43-20-043020	4/30/2020	0.0089	J		0.0035	J		<0.0059	U		<0 0095	U		0.016			<0 0041	U		<0.0052	U		<0.041	U	
		VMP-43-20-072820	7/28/2020	0.016			0.0013	J		<0.0093	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-43-20-110320	11/3/2020	0.0064	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-43-30-012720	1/27/2020	0.028			<0 0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
		VMP-43-30-043020	4/30/2020	0.0068	J		<0 0063	U		<0.0055	U		<0 0088	U		0.0031	J		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-43-30-072820	7/28/2020	0.0081	J		0.0018	J		<0.009	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-43-30-110320	11/3/2020	0.019			<0 0061	U		<0.0053	U		<0 0085	U		0.0014	J		<0 0036	U		<0.0046	U		<0.037	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	0.025			<0 0072	U		<0.0063	U		<0.01	U		<0.01	U		<0 0043	U		<0.0056	U		<0.044	U	
		VMP-44-10-043020	4/30/2020	0.012			<0 0057	U		<0.005	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
		VMP-44-10-072820	7/28/2020	<0.012	J	U	<0 0059	U		<0.0081	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
	20 ft	VMP-44-20-012720	1/27/2020	0.047			<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.043	U	
		VMP-44-20-043020	4/30/2020	0.0088	J		0.0011	J		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-44-20-072820	7/28/2020	0.0066	J		0.00093	J		<0.0086	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.012	U		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.012	U		<0.006	U		<0.0052	U		<0 0084	U		0.0083			<0 0036	U		<0.0046	U		<0.036	U	
		VMP-44-30-043020	4/30/2020	0.011	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.012	U		<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		0.017			<0.037	U	
		VMP-45-10-042720	4/27/2020	0.0055	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-45-10-072820	7/28/2020	0.0049	J		<0 0066	U		<0.0092	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-45-10-110520	11/5/2020	0.0073	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.012	U		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0047	U		<0.037	U	
		VMP-45-20-042720	4/27/2020	0.0036	J		<0 0062	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-45-20-072820	7/28/2020	0.008	J		0.00092	J		<0.0093	U		<0 0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-45-20-110520	11/5/2020	0.0094	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		0.00044	J		<0.037	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.014	U		0.0053	J		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-45-30-042720	4/27/2020	0.0024	J		<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-45-30-072820	7/28/2020	0.011	J		0.00097	J		<0.01	U		<0.01	U		<0.01	U		<0 0043	U		<0.0055	U		0.0017	J	
		VMP-45-30-110520	11/5/2020	0.0041	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.015	U		0.0086		J	<0.0063	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.014	U		0.097		J	<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-47-5-042820	4/28/2020	0.0058	J		<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-47-5-072720	7/27/2020	0.015			<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		0.00086	J		<0.037	U	
		VMP-47-5-110220	11/2/2020	0.029			<0.006	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.013	U		<0 0067	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-47-10-042820	4/28/2020	0.0035	J		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-47-10-042820-DUP	4/28/2020	0.0056	J		<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-47-10-072720	7/27/2020	0.0097	J		<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		<0.0044	U		<0.035	U	
		VMP-47-10-072720-DUP	7/27/2020	0.012	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
		VMP-47-10-110220	11/2/2020	0.0067	J		<0 0057	U		<0.0049	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.013	U		0.0032	J		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-47-20-042820	4/28/2020	0.0052	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-47-20-072720	7/27/2020	0.0089	J		<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		<0.0044	U		<0.035	U	
		VMP-47-20-110220	11/2/2020	0.067			<0 0065	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		0.0021	J		<0.039	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.014	U		<0.007	U		<0.006	U		<0 0097	U		0.0063	J		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-47-30-042820	4/28/2020	0.0038	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U	
		VMP-47-30-072720	7/27/2020	0.0047	J		<0.006	U		<0.0052	U		<0 0083	U		0.0064	J		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-47-30-110220	11/2/2020	0.0095	J		<0 0057	U		<0.0049	U		<0.008	U		0.0045	J		<0 0034	U		0.00058	J		<0.034	U	
		VMP-47-30-110220-DUP	11/2/2020	0.0098	J		<0 0055	U		<0.0048	U		<0 0077	U		0.012			<0 0033	U		<0.0042	U		<0.033	U	

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-48	5 ft	VMP-48-5-012920	1/29/2020	0.0056	J		<0 0071	U		<0.0062	U		<0 0099	U		<0.0098	U		<0 0043	U		<0.0054	U		<0.043	U	
		VMP-48-5-042420	4/24/2020	0.023			<0 0072	U		<0.0062	U		<0.01	U		<0.0099	U		<0 0043	U		0.0014	J		<0.043	U	
		VMP-48-5-073020	7/30/2020	0.0021	J		0.001	J		<0.0077	U		<0 0078	U		0.046			<0 0033	U		<0.0043	U		<0.034	U	
		VMP-48-5-110220	11/2/2020	0.02			<0 0057	U		<0.0049	U		<0 0079	U		<0.0078	U		<0 0034	U		<0.0044	U		<0.034	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.014	U		<0 0072	U		<0.0062	U		<0.01	U		<0.0099	U		<0 0043	U		<0.0055	U		<0.043	U	
		VMP-48-10-042420	4/24/2020	0.0037	J		<0 0067	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-48-10-073020	7/30/2020	0.0062	J		<0 0064	U		<0.0088	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-48-10-073020-DUP	7/30/2020	0.003	J		<0 0059	U		<0.0082	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-48-10-110220	11/2/2020	0.0099	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		0.00049	J		0.0081	J	
	20 ft	VMP-48-20-110220	11/2/2020	0.0056	J		<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.014	U		<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-48-30-073020	7/30/2020	0.011	J		<0 0062	U		<0.0086	U		<0 0087	U		0.0053	J		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-48-30-110220	11/2/2020	0.0097	J		<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	0.0066	J		<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-49-5-042920	4/29/2020	0.005	J		<0 0072	U		<0.0063	U		<0.01	U		<0.01	U		<0 0043	U		<0.0056	U		<0.044	U	
		VMP-49-5-072420	7/24/2020	0.008	J		<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-49-5-072420-DUP	7/24/2020	0.0071	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.009	U		<0 0039	U		<0.005	J	U	<0.04	U	
		VMP-49-5-110420	11/4/2020	0.0066	J		<0 0063	U		<0.0055	U		<0 0088	U		0.31			<0 0038	U		<0.0048	U		<0.038	U	
	10 ft	VMP-49-10-012220	1/22/2020	0.007	J		<0 0071	U		<0.0062	U		<0.01	U		<0.0098	U		<0 0043	U		<0.0055	U		<0.043	U	
		VMP-49-10-042920	4/29/2020	0.0047	J		<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-49-10-072420	7/24/2020	0.012	J		<0 0069	U		<0.006	U		<0 0096	U		<0.0095	U		<0 0041	U		<0.0053	J	U	<0.042	U	
		VMP-49-10-110420	11/4/2020	0.017			<0 0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
	20 ft	VMP-49-20-012220	1/22/2020	0.009	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.009	U		<0 0039	U		<0.005	U		<0.04	U	
		VMP-49-20-042920	4/29/2020	0.003	J		<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		0.0016	J		<0.036	U	
		VMP-49-20-042920-DUP	4/29/2020	0.0044	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-49-20-072420	7/24/2020	0.032			<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		0.0055			<0.035	U	
		VMP-49-20-110420	11/4/2020	0.013			<0 0062	U		<0.0054	U		<0 0087	U		0.0016	J		<0 0037	U		<0.0048	U		<0.038	U	
	30 ft	VMP-49-30-012220	1/22/2020	0.0077	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-49-30-042920	4/29/2020	0.0044	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-49-30-072420	7/24/2020	0.014			<0 0063	U		<0.0055	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-49-30-110420	11/4/2020	<0.99	U		<0.49	U		<0.43	U		<0.69	U		<0.68	U		<0.3	U		<0.38	U		<3	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	0.0014	J		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-50-5-042820	4/28/2020	0.0068	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-50-5-072720	7/27/2020	<0.012	U		<0 0063	U		<0.0054	U		<0 0088	U		0.016			<0 0038	U		<0.0048	U		<0.038	U	
		VMP-50-5-110520	11/5/2020	0.0071	J		<0 0056	U		<0.0049	U		<0 0079	U		0.005	J		<0 0034	U		<0.0043	U		<0.034	U	
	10 ft	VMP-50-10-012820	1/28/2020	0.0014	J		0.0033	J		<0.006	U		<0 0097	U		0.0035	J		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-50-10-042820	4/28/2020	0.0042	J		<0 0068	U		<0.0059	U		<0 0095	U		0.0035	J		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-50-10-072720	7/27/2020	0.024			<0 0058	U		<0.005	U		<0.008	U		0.018			<0 0034	U		<0.0044	U		<0.035	U	
		VMP-50-10-110520	11/5/2020	0.0058	J		<0 0059	U		<0.0052	U		<0 0083	U		0.012			<0 0036	U		<0.0046	U		<0.036	U	
	20 ft	VMP-50-20-012820	1/28/2020	0.0025	J		<0 0068	U		<0.0059	U		<0 0095	U		0.003	J		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-50-20-042820	4/28/2020	0.019			<0 0063	U		<0.0055	U		<0 0088	U		0.0031	J		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-50-20-072720	7/27/2020	0.024			<0.006	U		<0.0052	U		<0 0084	U		0.013			<0 0036	U		0.002	J		<0.036	U	
		VMP-50-20-110520	11/5/2020	0.011	J		<0 0061	U		<0.0053	U		<0 0085	U		0.0058	J		<0 0036	U		<0.0046	U		<0.037	U	
		VMP-50-20-110520-DUP	11/5/2020	0.0074	J		<0 0065	U		<0.0056	U		<0 0091	U		0.0058	J		<0 0039	U		<0.005	U		<0.039	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.26	U		<0.13	U		<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U	
		VMP-50-30-042820	4/28/2020	<0.17	U		<0.083	U		<0.072	U		<0.12	U		<0.11	U		<0.05	U		0.041	J		<0.5	U	
		VMP-50-30-072720	7/27/2020	<0.12	U		<0.061	U		<0.053	U		<0.086	U		<0.085	U		<0.037	U		<0.047	U		<0.37	U	
		VMP-50-30-110520	11/5/2020	0.0092	J		<0.012	U		<0.01	U		<0.017	U		0.0019	J		<0 0073	U		0.0014	J		<0.073	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-51	5 ft	VMP-51-5-012820	1/28/2020	<0.014	U		<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		<0.0053	U		<0.042	U	
		VMP-51-5-012820-DUP	1/28/2020	0.0016	J		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-51-5-042720	4/27/2020	0.0035	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
		VMP-51-5-072320	7/23/2020	0.016			<0 0058	U		<0.0081	U		<0 0082	U		0.0044	J		<0 0035	U		0.014			<0.035	U	
		VMP-51-5-103020	10/30/2020	0.0048	J		<0 0063	U		<0.0054	U		<0 0088	U		0.0031	J		<0 0038	U		<0.0048	J	U	<0.038	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.014	U		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		0.0032	J		<0.041	U	
		VMP-51-10-042720	4/27/2020	0.0045	J		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-51-10-072320	7/23/2020	0.025			<0 0058	U		<0.008	U		<0.008	U		0.0031	J		<0 0034	U		0.0063			<0.035	U	
		VMP-51-10-103020	10/30/2020	0.0088	J		<0 0063	U		<0.0054	U		<0 0088	U		0.0032	J		<0 0038	U		<0.0048	U		<0.038	U	
	20 ft	VMP-51-20-022120	2/21/2020	0.0031	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
		VMP-51-20-042720	4/27/2020	0.0037	J		<0 0065	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-51-20-072320	7/23/2020	0.0052	J		<0 0064	U		<0.0089	U		<0.009	U		0.0088	J		<0 0039	U		<0.0049	U		<0.039	U	
		VMP-51-20-103020	10/30/2020	0.0076	J		<0 0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
	30 ft	VMP-51-30-012820	1/28/2020	0.0051	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		0.0028	J		<0.04	U	
		VMP-51-30-042720	4/27/2020	0.0036	J		0.00078	J		<0.005	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.035	U	
		VMP-51-30-072320	7/23/2020	0.0026	J		<0.006	U		<0.0083	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-51-30-103020	10/30/2020	0.044			<0 0066	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		0.00088	J		<0.04	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	0.014	J		<0 0072	U		<0.0062	U		<0.01	U		<0.0099	U		<0 0043	U		<0.0055	U		<0.043	U	
		VMP-52-5-042720	4/27/2020	0.0025	J		<0 0057	U		<0.0049	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
		VMP-52-5-072320	7/23/2020	0.0073	J		<0 0058	U		<0.008	U		<0.008	U		0.0034	J		<0 0034	U		<0.0044	U		<0.035	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.012	J	U	<0 0061	U		<0.0084	U		<0 0085	U		0.0014	J		<0 0036	U		<0.0047	U		<0.037	U	
		VMP-52-5-102920	10/29/2020	0.006	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	10 ft	VMP-52-10-042720	4/27/2020	0.0042	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-52-10-102920	10/29/2020	0.016			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.00055	J		<0.036	U	
	20 ft	VMP-52-20-012320	1/23/2020	0.046			<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-52-20-042720	4/27/2020	0.0053	J		<0 0064	U		<0.0055	U		<0 0089	U		0.012			<0 0038	U		<0.0049	U		<0.038	U	
		VMP-52-20-072320	7/23/2020	<0.013	J	U	<0 0066	U		<0.0092	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-52-20-102920	10/29/2020	0.006	J		<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		0.00063	J		<0.035	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.014	U		<0 0068	U		<0.0059	U		<0 0095	U		<0.0094	U		<0 0041	U		<0.0052	U		<0.041	U	
		VMP-52-30-042720	4/27/2020	0.004	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0047	U		<0.037	U	
		VMP-52-30-042720-DUP	4/27/2020	0.0062	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-52-30-072320	7/23/2020	<0.013	J	U	<0 0066	U		<0.0091	U		<0 0092	U		<0.009	U		<0 0039	U		<0.005	U		<0.04	U	
		VMP-52-30-102920	10/29/2020	0.007	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	0.077			<0 0069	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		0.0028	J		<0.042	U	
		VMP-53-5-042220	4/22/2020	0.0033	J		<0 0063	U		<0.0054	U		<0 0088	U		<0.0087	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-53-5-072220	7/22/2020	<0.012	J	U	<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		0.00042	J		<0.035	U	
		VMP-53-5-102820	10/28/2020	0.015			<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
	10 ft	VMP-53-10-012220	1/22/2020	0.023			<0 0058	U		<0.005	U		<0 0081	U		<0.008	U		<0 0035	U		<0.0044	U		<0.035	U	
		VMP-53-10-042220	4/22/2020	0.0028	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-53-10-072220	7/22/2020	<0.013	J	U	<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U	
		VMP-53-10-102820	10/28/2020	0.011	J		<0 0057	U		<0.0049	U		<0.008	U		<0.0079	U		<0 0034	U		0.00046	J		<0.034	U	
	20 ft	VMP-53-20-012220	1/22/2020	0.023			<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-53-20-042220	4/22/2020	0.0058	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-53-20-072220	7/22/2020	<0.012	J	U	<0 0063	U		<0.0054	U		<0 0088	U		0.0081	J		<0 0038	U		0.00046	J		<0.038	U	
		VMP-53-20-102820	10/28/2020	0.0081	J		<0 0061	U		<0.0053	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-53-30-012220	1/22/2020	0.023			<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-53-30-012220-DUP	1/22/2020	0.023			<0 0065	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-53-30-042220	4/22/2020	0.0032	J		0.002	J		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-53-30-072220	7/22/2020	<0.012	J	U	<0.006	U		<0.0052	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-53-30-102820	10/28/2020	0.0094	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-54	5 ft	VMP-54-5-012220	1/22/2020	0.014	J		<0 0082	U		<0.0071	U		<0.011	U		<0.011	U		<0 0049	U		<0.0063	U		<0.05	U	
		VMP-54-5-042720	4/27/2020	0.0045	J		0.0027	J		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		0.0012	J		<0.039	U	
		VMP-54-5-052120	5/21/2020	0.0034	J		0.00092	J		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.0029	J		<0.036	U	
		VMP-54-5-072220	7/22/2020	0.012	J		<0 0062	U		<0.0054	U		<0 0087	U		0.0048	J		<0 0037	U		0.0034	J		<0.038	U	
		VMP-54-5-102820	10/28/2020	0.012			<0.006	U		<0.0052	U		<0 0083	U		0.0017	J		<0 0036	U		<0.0046	U		<0.036	U	
	10 ft	VMP-54-10-031220	3/12/2020	0.0061	J		<0 0061	U		<0.0053	U		<0 0085	U		0.0015	J		<0 0036	U		0.00074	J		<0.037	U	
		VMP-54-10-042720	4/27/2020	0.0037	J		<0 0066	U		<0.0057	U		<0 0092	U		0.0013	J		<0.004	U		<0.0051	U		<0.04	U	
		VMP-54-10-072220	7/22/2020	0.004	J		<0 0066	U		<0.0057	U		<0 0092	U		<0.009	U		<0 0039	U		<0.005	U		<0.04	U	
		VMP-54-10-102820	10/28/2020	0.012	J		0.0017	J		<0.0053	U		<0 0085	U		0.0028	J		<0 0037	U		<0.0047	U		<0.037	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.013	U		<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-54-20-042720	4/27/2020	0.014			<0 0062	U		<0.0054	U		<0 0086	U		0.0026	J		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-54-20-072220	7/22/2020	0.0028	J		<0 0065	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-54-20-102820	10/28/2020	0.011	J		<0 0063	U		<0.0054	U		<0 0088	U		0.002	J		<0 0038	U		<0.0048	U		<0.038	U	
	30 ft	VMP-54-30-012220	1/22/2020	0.021			0.0041	J		<0.0064	U		<0.01	U		<0.01	U		<0 0044	U		0.01			<0.045	U	
		VMP-54-30-042720	4/27/2020	0.0045	J		<0 0065	U		<0.0056	U		<0 0091	U		<0.009	U		<0 0039	U		<0.005	U		<0.039	U	
		VMP-54-30-072220	7/22/2020	0.028			0.074			<0.0056	U		<0.009	U		0.004	J		<0 0038	U		0.0011	J		<0.039	U	
		VMP-54-30-102820	10/28/2020	0.012			<0 0058	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.035	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	0.024			<0.007	U		<0.006	U		<0 0097	U		<0.0096	U		<0 0042	U		0.0028	J		<0.042	U	
		VMP-56-10-042420	4/24/2020	0.0068	J		<0 0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0 0039	U		<0.0049	U		<0.039	U	
		VMP-56-10-072320	7/23/2020	0.032			<0 0064	U		<0.0088	U		<0 0089	U		<0.0088	U		<0 0038	U		0.052			<0.038	J	U
		VMP-56-10-072320-DUP	7/23/2020	0.011	J		<0 0068	U		<0.0094	U		<0 0095	U		0.0013	J		<0 0041	U		0.042			<0.041	U	
		VMP-56-10-110320	11/3/2020	0.0067	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	25 ft	VMP-56-25-012220	1/22/2020	0.027			<0 0064	U		<0.0055	U		<0 0089	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-56-25-042420	4/24/2020	0.0038	J		<0 0068	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		0.0013	J		<0.041	U	
		VMP-56-25-072320	7/23/2020	<0.012	J	U	<0 0061	U		<0.0085	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-56-25-110320	11/3/2020	0.016			<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		<0.0049	U		<0.038	U	
		VMP-56-25-110320-DUP	11/3/2020	0.012	J		<0 0063	U		<0.0055	U		<0 0088	U		<0.0088	U		<0 0038	U		0.0014	J		<0.038	U	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.012	U		<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0045	U		<0.036	U	
		VMP-62-5-042820	4/28/2020	0.02			<0 0066	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U	
		VMP-62-5-072720	7/27/2020	0.0029	J		<0.006	U		<0.0083	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-62-5-102920	10/29/2020	0.009	J		<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.012	U		<0 0063	U		<0.0054	U		<0 0088	U		<0.0086	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-62-10-042820	4/28/2020	0.0078	J		<0 0073	U		<0.0064	U		<0.01	U		<0.01	U		<0 0044	U		<0.0056	U		<0.044	U	
		VMP-62-10-072720	7/27/2020	0.0048	J		<0 0055	U		<0.0077	U		<0 0077	U		0.0014	J		<0 0033	U		<0.0042	U		<0.033	U	
		VMP-62-10-102920	10/29/2020	0.021			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.014	U		<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-62-20-042820	4/28/2020	0.0057	J		<0 0067	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-62-20-042820-DUP	4/28/2020	0.0039	J		<0 0067	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-62-20-072720	7/27/2020	0.044			<0 0057	U		<0.0049	U		<0.008	U		<0.0079	U		<0 0034	U		0.014			<0.034	U	
		VMP-62-20-102920	10/29/2020	0.012			<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.013	U		<0 0066	U		<0.0057	U		<0 0092	U		0.017			<0.004	U		<0.0051	U		<0.04	U	
		VMP-62-30-042820	4/28/2020	0.0068	J		<0 0071	U		<0.0062	U		<0 0099	U		<0.0098	U		<0 0043	U		<0.0054	U		<0.043	U	
		VMP-62-30-072720	7/27/2020	0.0086	J		<0 0058	U		<0.005	U		<0 0081	U		0.0096			<0 0035	U		<0.0044	U		<0.035	U	
		VMP-62-30-102920	10/29/2020	0.0092	J		<0 0061	U		<0.0053	U		<0 0085	U		0.0067	J		<0 0036	U		<0.0046	U		<0.037	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										1400						0.55						6200			5.4		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-63	5 ft	VMP-63-5-012720	1/27/2020	<0.013	U		<0 0066	U		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-63-5-012720-DUP	1/27/2020	0.0077	J		<0.007	U		<0.0061	U		<0 0098	U		<0.0097	U		<0 0042	U		<0.0054	U		<0.042	U	
		VMP-63-5-042420	4/24/2020	0.0043	J		<0 0059	U		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		<0.0045	U		<0.036	U	
		VMP-63-5-072820	7/28/2020	0.013			<0 0061	U		<0.0085	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-63-5-110320	11/3/2020	0.0091	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0036	U		<0.0046	U		<0.037	U	
	10 ft	VMP-63-10-012720	1/27/2020	0.12			<0 0059	U		<0.0051	U		<0 0083	U		<0.0082	U		<0 0036	U		0.0019	J		<0.036	U	
		VMP-63-10-042420	4/24/2020	0.0097	J		0.002	J		<0.0057	U		<0 0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-63-10-072820	7/28/2020	0.0084	J		<0 0066	U		<0.0091	U		<0 0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U	
		VMP-63-10-110320	11/3/2020	0.017			<0 0057	U		<0.005	U		<0.008	U		0.0009	J		<0 0034	U		<0.0044	U		<0.034	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.013	U		0.0029	J		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-63-20-042420	4/24/2020	0.0055	J		0.0013	J		<0.0051	U		<0 0082	U		<0.0081	U		<0 0035	U		0.0018	J		<0.036	J	U
		VMP-63-20-072820	7/28/2020	0.007	J		<0.006	U		<0.0083	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-63-20-110320	11/3/2020	0.006	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.014	U		<0 0068	U		<0.0058	U		<0 0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-63-30-042420	4/24/2020	0.0025	J		<0 0062	U		<0.0054	U		<0 0087	U		<0.0086	U		<0 0037	U		<0.0048	U		<0.038	U	
		VMP-63-30-072820	7/28/2020	0.011	J		<0.006	U		<0.0083	U		<0 0084	U		<0.0083	U		<0 0036	U		<0.0046	U		<0.036	U	
		VMP-63-30-072820-DUP	7/28/2020	0.0088	J		<0 0057	U		<0.0079	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
		VMP-63-30-110320	11/3/2020	0.014			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		0.00056	J		<0.036	U	
		VMP-63-30-110320-DUP	11/3/2020	0.015			<0 0059	U		<0.0052	U		<0 0083	U		<0.0082	U		<0 0036	U		<0.0046	U		<0.036	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	0.0044	J		<0 0067	U		<0.0058	U		<0 0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-64-5-042420	4/24/2020	0.0042	J		0.00049	J		<0.0054	U		<0 0088	U		<0.0086	U		<0 0038	U		<0.0048	U		<0.038	U	
		VMP-64-5-072420	7/24/2020	0.0079	J		<0.006	U		<0.0052	U		<0 0084	U		0.0022	J		<0 0036	U		0.0017	J		<0.036	U	
		VMP-64-5-103020	10/30/2020	0.02			<0 0057	U		<0.005	U		<0.008	U		<0.0079	U		<0 0034	U		<0.0044	U		<0.034	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.013	U		0.0019	J		<0.0057	U		<0 0092	U		0.013			<0.004	U		<0.0051	U		<0.04	U	
		VMP-64-10-042420	4/24/2020	0.012			<0 0056	U		<0.0048	U		<0 0078	U		<0.0077	U		<0 0034	U		<0.0043	U		<0.034	U	
		VMP-64-10-072420	7/24/2020	0.0034	J		<0 0061	U		<0.0053	U		<0 0085	U		<0.0084	U		<0 0037	U		<0.0047	U		<0.037	U	
		VMP-64-10-103020	10/30/2020	0.0057	J		<0 0062	U		<0.0054	U		<0 0086	U		<0.0085	U		<0 0037	U		<0.0047	U		<0.037	U	
	20 ft	VMP-64-20-012820	1/28/2020	0.0015	J		<0 0071	U		<0.0062	U		<0 0099	U		0.29			<0 0043	U		<0.0054	U		<0.043	U	
		VMP-64-20-042420	4/24/2020	0.0098	J		<0 0061	U		<0.0053	U		<0 0086	U		0.033			<0 0037	U		<0.0047	U		<0.037	U	
		VMP-64-20-042420-DUP	4/24/2020	0.0088	J		<0.006	U		<0.0052	U		<0 0084	U		0.032			<0 0036	U		<0.0046	U		<0.036	U	
		VMP-64-20-072420	7/24/2020	0.003	J		<0 0061	U		<0.0053	U		<0 0085	U		0.12			<0 0036	U		<0.0047	U		<0.037	U	
		VMP-64-20-072420-DUP	7/24/2020	0.0065	J		<0 0061	U		<0.0053	U		<0 0085	U		0.13			<0 0037	U		<0.0047	U		<0.037	U	
		VMP-64-20-103020	10/30/2020	0.0049	J		<0 0057	U		<0.0049	U		<0 0079	U		0.052			<0 0034	U		<0.0044	U		<0.034	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-1-5-042420	4/24/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		0.015			<0.0034	U		<0.0057	U	
		VMP-1-5-072820	7/28/2020	<0.0065	U		<0 0064	U		0.00085	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-1-5-110220	11/2/2020	<0.0071	U		<0.007	U		0.002	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
	8 5 ft	VMP-1-8.5-012720	1/27/2020	<0.0078	U		<0 0077	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0067	U		<0.0037	U		<0.0062	U	
		VMP-1-8.5-042420	4/24/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0056	U	
		VMP-1-8.5-072820	7/28/2020	<0.0069	U		0.001	J		0.0012	J		<0 0062	U		<0.0062	U		0.0012	J		<0.0032	U		<0.0055	U	
		VMP-1-8.5-110220	11/2/2020	<0.0068	U		<0 0067	U		0.002	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-1-23.5-042420	4/24/2020	<0.0065	U		<0 0064	U		0.0012	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-1-23.5-072820	7/28/2020	<0.0071	U		0.00082	J		0.0009	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
		VMP-1-23.5-110220	11/2/2020	<0.007	U		<0 0069	U		0.0019	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.007	U		<0 0068	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
		VMP-1-38.5-072820	7/28/2020	<0.0069	U		<0 0068	U		0.00087	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-1-38.5-110220	11/2/2020	<0.0062	U		<0 0062	U		0.002	J		<0 0056	U		<0.0056	U		<0 0053	U		<0.0029	U		<0.005	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-2-5-042420	4/24/2020	<0.0072	U		<0 0071	U		0.0014	J		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-2-5-072420	7/24/2020	<0.0063	U		<0 0062	U		0.0022	J		<0 0056	U		<0.0056	U		<0 0054	U		<0.0029	U		<0.005	U	
		VMP-2-5-110420	11/4/2020	<0.0071	U		0.041			0.0016	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
	8 5 ft	VMP-2-8.5-012420	1/24/2020	<0.0076	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0065	U		<0.0035	U		<0.006	U	
		VMP-2-8.5-042420	4/24/2020	<0.0072	U		<0 0071	U		0.0016	J		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-2-8.5-072420	7/24/2020	<0.0065	U		<0 0064	U		0.0025	J		<0 0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0052	U	
		VMP-2-8.5-110420	11/4/2020	<0.0066	U		<0 0066	U		0.0023	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.0076	U		<0 0075	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0065	U		<0.0036	U		<0.006	U	
		VMP-2-22-042420	4/24/2020	<0.0077	U		<0 0076	U		0.0013	J		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-2-22-072420	7/24/2020	<0.007	U		<0 0069	U		0.0028	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-2-22-110420	11/4/2020	<0.067	U		<0.066	U		<0.069	U		<0.06	U		<0.06	U		0.98			<0.031	U		<0.053	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.0093	U		<0 0092	U		<0.0096	U		<0 0084	U		<0.0084	U		<0.008	U		<0.0044	U		<0.0074	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-3-5-042920	4/29/2020	<0.0074	U		<0 0072	U		0.0016	J		<0 0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0059	U	
		VMP-3-5-072920	7/29/2020	0.0019	J		<0 0071	U		<0.0075	U		0.0013	J		<0.0065	U		0.036			<0.0034	U		<0.0058	U	
		VMP-3-5-110420	11/4/2020	<0.0067	U		<0 0066	U		0.0012	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.0063	U		<0 0062	U		0.0014	J		<0 0056	U		<0.0056	U		0.0015	J		<0.0029	U		<0.005	U	
		VMP-3-10-072920	7/29/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		0.004	J		<0.0032	U		<0.0055	U	
		VMP-3-10-110420	11/4/2020	<0.0074	U		<0 0072	U		0.0014	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0059	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.0071	U		<0.007	U		0.0028	J		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-3-22-042920	4/29/2020	<0.0078	U		<0 0077	U		<0.0081	U		<0.007	U		<0.007	U		<0 0067	U		<0.0037	U		<0.0062	U	
		VMP-3-22-072920	7/29/2020	<0.0072	U		0.0016	J		<0.0074	U		<0 0065	U		<0.0065	U		0.004	J		<0.0034	U		<0.0057	U	
		VMP-3-22-110420	11/4/2020	<0.0074	U		<0 0072	U		0.0013	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		0 00069	J	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.064	U		<0.063	U		<0.066	U		<0.058	U		<0.058	U		3			<0.03	U		<0.051	U	
		VMP-3-31.5-042920	4/29/2020	<1.8	U		0.6	J	J	<1.8	U		<1.6	U		<1.6	U		730		J	<0.82	U		<1.4	U	
		VMP-3-31.5-072920	7/29/2020	<0.056	U		<0.055	U		<0.058	U		<0.051	U		<0.051	U		12			<0.026	U		<0.045	U	
		VMP-3-31.5-110420	11/4/2020	<6.9	U		<6.8	U		<7.1	U		<6.2	U		<6.2	U		570			<3.2	U		<5.5	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-4-5-042820	4/28/2020	<0.007	U		<0 0069	U		0.0013	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-4-5-073020	7/30/2020	<0.0067	U		<0 0066	U		0.0011	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-4-5-103020	10/30/2020	<0.0068	U		<0 0067	U		0.0013	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-4-12-042820	4/28/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		0 00099	J		<0.0034	U		<0.0058	U	
		VMP-4-12-073020	7/30/2020	<0.0068	U		<0 0067	U		0.0012	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0054	U	
		VMP-4-12-103020	10/30/2020	<0.0067	U		<0 0066	U		0.0015	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		0.082			<0.0034	U		0.002	J	
		VMP-4-23.5-042820	4/28/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-4-23.5-073020	7/30/2020	<0.007	U		<0 0068	U		0.0011	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
		VMP-4-23.5-103020	10/30/2020	<0.0066	U		<0 0065	U		0.0047	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.0067	U		<0 0066	U		0.0047	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0061	U		<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0 0052	U		<0.0029	U		<0.0049	U	
		VMP-5-5-042720	4/27/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-5-5-072320	7/23/2020	<0.007	U		0.00078	J		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-5-5-103020	10/30/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-5-12.5-042720	4/27/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0059			<0.0031	U		<0.0052	U	
		VMP-5-12.5-072320	7/23/2020	<0.0068	U		<0 0067	U		0.0014	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-5-12.5-103020	10/30/2020	<0.0067	U		<0 0066	U		<0.0069	U		0.003	J		<0.006	U		<0 0057	U		<0.0031	U		0.0007	J	
	31 ft	VMP-5-31-012820	1/28/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		0.0092			<0.0032	U		<0.0055	U	
		VMP-5-31-042720	4/27/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-5-31-072320	7/23/2020	<0.0066	U		<0 0066	U		0.0018	J		<0.006	U		<0.006	U		0.0015	J		<0.0031	U		<0.0053	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.0069	U		<0 0068	U		0.0016	J		<0 0062	U		<0.0062	U		0.0017	J		<0.0032	U		<0.0055	U	
		VMP-5-31-103020	10/30/2020	<0.0074	U		<0 0073	U		0.0023	J		<0 0067	U		<0.0067	U		0.0056	J		<0.0035	U		<0.0059	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.0071	U		<0.007	U		0.0032	J		<0.0064	U		<0.0064	U		0.0052	J		<0.0033	U		0 00081	J	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.0079	U		<0 0078	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-6-5-042720	4/27/2020	<0.0073	U		<0 0072	U		0.001	J		<0 0066	U		<0.0066	U		0.017			<0.0034	U		<0.0058	U	
		VMP-6-5-072220	7/22/2020	<0.0071	U		<0.007	U		0.0032	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-6-5-102920	10/29/2020	<0.0067	U		<0 0066	U		0.0018	J		<0 0061	U		<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-6-10-042720	4/27/2020	<0.007	U		<0 0069	U		0.00094	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-6-10-072220	7/22/2020	<0.0071	U		<0.007	U		0.0027	J		<0 0064	U		<0.0064	U		0.0069			<0.0033	U		<0.0056	U	
		VMP-6-10-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0016	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0061	U		<0.006	U		0.0031	J		<0 0055	U		<0.0055	U		0.0026	J		<0.0029	U		<0.0049	U	
		VMP-6-31.5-042720	4/27/2020	<0.0075	U		<0 0074	U		0.0038	J		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-6-31.5-072220	7/22/2020	<0.0074	U		<0 0073	U		0.0029	J		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-6-31.5-102920	10/29/2020	<0.0065	U		<0 0064	U		0.0021	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-7-5-042720	4/27/2020	<0.0077	U		<0 0076	U		0.0013	J		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-7-5-073020	7/30/2020	<0.0066	U		<0 0065	U		0.0011	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-7-5-110420	11/4/2020	<0.0065	U		<0 0064	U		0.0013	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.003	U		<0.0052	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		0.0015	J	
		VMP-7-13.5-042720	4/27/2020	<0.0077	U		<0 0076	U		<0.0079	U		0 00084	J		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-7-13.5-073020	7/30/2020	<0.007	U		<0 0069	U		0.001	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-7-13.5-110420	11/4/2020	<0.0071	U		<0.007	U		0.0013	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0054	U	
		VMP-7-29.5-042720	4/27/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-7-29.5-073020	7/30/2020	<0.007	U		0.0014	J		0.0009	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-7-29.5-110420	11/4/2020	<0.0066	U		<0 0065	U		0.0022	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.0076	U		<0 0075	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0065	U		<0.0036	U		<0.006	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0062	U	
		VMP-8-5-042220	4/22/2020	<0.007	U		<0 0069	U		<0.0072	U		0.0083			0.0026	J		<0.006	U		<0.0033	U		0.0024	J	
		VMP-8-5-072220	7/22/2020	<0.0067	U		0.0053	J		0.0016	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-8-5-102820	10/28/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	9 5 ft	VMP-8-9.5-012220	1/22/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-8-9.5-042220	4/22/2020	<0.0069	U		<0 0068	U		0.0015	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-8-9.5-072220	7/22/2020	<0.007	U		<0 0069	U		0.0015	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0066	U		<0 0065	U		0.0017	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-8-9.5-102820	10/28/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-8-23.5-042220	4/22/2020	<0.0069	U		<0 0068	U		0.0013	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-8-23.5-072220	7/22/2020	0.00075	J		0.0053	J		0.0015	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		0 00046	J	
		VMP-8-23.5-102820	10/28/2020	<0.0067	U		<0 0066	U		0.0017	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.0074	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0059	U	
		VMP-8-35.5-042220	4/22/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-8-35.5-072220	7/22/2020	<0.0066	U		<0 0065	U		0.0018	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-8-35.5-102820	10/28/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		0 00073	J	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.0066	U		<0 0066	U		<0.0068	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-9-5-042220	4/22/2020	<0.0069	U		<0 0068	U		0.0014	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-9-5-072220	7/22/2020	<0.0071	U		0.0013	J		0.0018	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.007	U		0.017			0.0021	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-9-5-102820	10/28/2020	<0.0066	U		<0 0065	U		0.0012	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-9-11.5-042220	4/22/2020	<0.0072	U		<0 0071	U		0.0013	J		<0 0065	U		<0.0065	U		0.0013	J		<0.0034	U		<0.0057	U	
		VMP-9-11.5-072220	7/22/2020	<0.0071	U		<0.007	U		0.0014	J		<0 0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0056	J	U
		VMP-9-11.5-102820	10/28/2020	<0.0068	U		<0 0067	U		0.0019	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-9-25.5-042220	4/22/2020	<0.0064	U		<0 0063	U		<0.0065	U		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0066	U		<0 0065	U		0.0013	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-9-25.5-072220	7/22/2020	<0.007	U		<0 0069	U		0.0015	J		<0 0063	U		<0.0063	U		0 00089	J		<0.0033	U		<0.0056	U	
		VMP-9-25.5-102820	10/28/2020	<0.0067	U		<0 0066	U		0.0013	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		0 00048	J	
		VMP-9-25.5-102820-DUP	10/28/2020	<0.0066	U		<0 0065	U		0.0015	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
VMP-18	8 5 ft	VMP-18-8.5-012420	1/24/2020	<0.0081	U		<0.008	U		<0.0083	U		<0 0073	U		<0.0073	U		<0 0069	U		<0.0038	U		<0.0064	U	
		VMP-18-8.5-042920	4/29/2020	<0.0065	U		<0 0064	U		<0.0066	U		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0061	U		<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0 0052	U		<0.0029	U		<0.0049	U	
		VMP-18-8.5-112420	11/24/2020	<0.0061	U		<0.006	U		<0.0063	U		<0 0055	U		<0.0055	U		<0 0052	U		<0.0029	U		<0.0049	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-19-5-043020	4/30/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-19-5-072720	7/27/2020	<0.0065	U		0.0032	J		0.0011	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-19-5-110420	11/4/2020	<0.0072	U		<0 0071	U		0.0013	J		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0077	U		<0 0076	U		0.0032	J		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-20-5-022120	2/21/2020	<0.0065	U		<0 0064	U		0.0022	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-20-5-042420	4/24/2020	<0.007	U		0.0021	J		0.0014	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
		VMP-20-5-072320	7/23/2020	<0.0066	U		<0 0066	U		0.0014	J		<0.006	U		<0.006	U		0.0098			<0.0031	U		<0.0053	U	
		VMP-20-5-112420	11/24/2020	<0.0059	U		<0 0058	U		0.0054	J		<0 0053	U		<0.0053	U		<0 0051	U		<0.0028	U		<0.0047	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.0069	U		<0 0068	U		0.0053	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-20-10-042420	4/24/2020	<0.007	U		<0 0068	U		0.0017	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
		VMP-20-10-072320	7/23/2020	<0.0068	U		<0 0067	U		0.0017	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-20-10-110220	11/2/2020	<0.0064	U		<0 0063	U		0.0046	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.0074	U		<0 0073	U		0.046			<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-20-25-042420	4/24/2020	<0.0072	U		<0 0071	U		0.0074			<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-20-25-072320	7/23/2020	<0.0064	U		<0 0063	U		0.011			0.0012	J		0.0056	J		0.034			<0.003	U		0.0065		
		VMP-20-25-110220	11/2/2020	<0.0062	U		<0 0061	U		0.02			<0 0056	U		<0.0056	U		<0 0053	U		<0.0029	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-21	5 ft	VMP-21-5-012220	1/22/2020	<0.0074	U		<0 0073	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-21-5-042320	4/23/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-21-5-072420	7/24/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-21-5-102920	10/29/2020	<0.0067	U		<0 0066	U		0.0013	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	10 ft	VMP-21-10-012220	1/22/2020	<0.0076	U		<0 0075	U		<0.0079	U		<0 0069	U		<0.0069	U		0.03			<0.0036	U		0.032		
		VMP-21-10-042320	4/23/2020	<0.0067	U		<0 0066	U		0.0014	J		<0.006	U		<0.006	U		0 00081	J		<0.0031	U		<0.0053	U	
		VMP-21-10-072420	7/24/2020	<0.0063	U		<0 0062	U		0.0017	J		<0 0056	U		<0.0056	U		0.0039	J		<0.0029	U		<0.005	U	
		VMP-21-10-102920	10/29/2020	<0.0069	U		<0 0068	U		0.0015	J		<0 0062	U		<0.0062	U		0.0025	J		<0.0032	U		<0.0055	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.0076	U		<0 0075	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0065	U		<0.0036	U		<0.006	U	
		VMP-21-25-042320	4/23/2020	<0.0076	U		<0 0075	U		<0.0078	U		<0 0068	U		<0.0068	U		0 00097	J		<0.0036	U		<0.006	U	
		VMP-21-25-072420	7/24/2020	<0.0072	U		<0 0071	U		<0.0075	U		<0 0065	U		<0.0065	U		0.008			<0.0034	U		<0.0058	U	
		VMP-21-25-102920	10/29/2020	<0.007	U		<0 0069	U		0.0016	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.0078	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		0.005	J		<0.0036	U		<0.0062	U	
		VMP-21-33-042320	4/23/2020	<0.0065	U		<0 0064	U		0.0012	J		<0 0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0052	U	
		VMP-21-33-072420	7/24/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-21-33-102920	10/29/2020	<0.0067	U		<0 0066	U		0.0016	J		<0 0061	U		<0.0061	U		0.0081			<0.0032	U		<0.0054	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.0066	U		<0 0065	U		0.0022	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-22-5-042820	4/28/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-22-5-072320	7/23/2020	<0.0071	U		<0.007	U		0.001	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-22-5-110520	11/5/2020	<0.0066	U		<0 0065	U		0.0017	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	10 ft	VMP-22-10-012320	1/23/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		0.018			<0.0034	U		0.022		
		VMP-22-10-042820	4/28/2020	<0.0063	U		<0 0062	U		0.0012	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-22-10-072320	7/23/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-22-10-110520	11/5/2020	<0.0069	U		<0 0068	U		0.0013	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		0.0018	J		<0.0032	U		<0.0054	U	
		VMP-22-18-042820	4/28/2020	<0.007	U		<0 0069	U		0.0014	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-22-18-072320	7/23/2020	<0.0075	U		<0 0074	U		0.001	J		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-22-18-110520	11/5/2020	<0.0066	U		<0 0065	U		0.0014	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-22-38-042820	4/28/2020	<0.0069	U		<0 0068	U		0.0013	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-22-38-042820-DUP	4/28/2020	<0.0071	U		<0.007	U		0.0014	J		0.0041	J		0.0019	J		<0 0061	U		<0.0033	U		0.0034	J	
		VMP-22-38-110520	11/5/2020	<0.0069	U		0.005	J		0.0012	J		0.002	J		<0.0062	U		0.0026	J		<0.0032	U		0.0018	J	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-23-5-042820	4/28/2020	<0.0068	U		<0 0067	U		0.0012	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-23-5-072320	7/23/2020	<0.007	U		0.00093	J		0.0009	J		0.0013	J		<0.0063	U		0.0084			<0.0033	U		0.0068		
		VMP-23-5-102920	10/29/2020	<0.0069	U		<0 0068	U		0.0016	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
	10 ft	VMP-23-10-012820	1/28/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0 0059	U		<0.0059	U		0.0082			<0.0031	U		0.011		
		VMP-23-10-042820	4/28/2020	<0.0068	U		<0 0067	U		0.0016	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-23-10-072320	7/23/2020	<0.0074	U		<0 0073	U		0.0015	J		<0 0067	U		<0.0067	U		0.015			<0.0035	U		<0.0059	U	
		VMP-23-10-102920	10/29/2020	<0.0067	U		<0 0066	U		0.0019	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0067	U		<0 0066	U		0.0018	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.006	U		<0 0059	U		<0.0062	U		<0 0054	U		<0.0054	U		<0 0052	U		<0.0028	U		<0.0048	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.006	U		<0.006	U		<0.0062	U		<0 0054	U		<0.0054	U		<0 0052	U		<0.0028	U		<0.0048	U	
		VMP-23-25-042820	4/28/2020	<0.0071	U		<0.007	U		0.0016	J		<0 0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0056	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0066	U		<0 0065	U		0.0015	J		<0 0059	U		<0.0059	U		0.0058			<0.0031	U		<0.0052	U	
		VMP-23-25-072320	7/23/2020	<0.0073	U		<0 0072	U		0.0012	J		0.0026	J		<0.0066	U		0.082			<0.0034	U		<0.0058	U	
		VMP-23-25-102920	10/29/2020	<0.0067	U		<0 0066	U		0.0022	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-24	5 ft	VMP-24-5-012320	1/23/2020	<0.0081	U		<0.008	U		<0.0083	U		<0 0073	U		<0.0073	U		<0 0069	U		<0.0038	U		<0.0064	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-24-5-042220	4/22/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-24-5-072220	7/22/2020	<0.0068	U		<0 0067	U		0.0024	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-24-5-102920	10/29/2020	<0.007	U		<0 0069	U		0.0016	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.0081	U		<0.008	U		<0.0084	U		<0 0073	U		<0.0073	U		0.0028	J		<0.0038	U		<0.0065	U	
		VMP-24-10-042220	4/22/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		0.028			<0.0032	U		<0.0055	U	
		VMP-24-10-072220	7/22/2020	<0.0067	U		<0 0066	U		0.0019	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-24-10-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0013	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-24-22-042220	4/22/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-24-22-072220	7/22/2020	<0.0064	U		<0 0063	U		0.0025	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-24-22-102920	10/29/2020	<0.0065	U		<0 0064	U		0.0013	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-24-34-042220	4/22/2020	<0.0069	U		<0 0068	U		0.0014	J		0.0097			0.0025	J		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-24-34-072220	7/22/2020	<0.0071	U		<0.007	U		0.0018	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-24-34-102920	10/29/2020	<0.007	U		<0 0069	U		0.0017	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		0 00072	J	
		VMP-24-34-102920-DUP	10/29/2020	<0.007	U		<0 0069	U		0.0014	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.01	U		<0.01	U		<0.011	U		<0 0093	U		<0.0093	J	U	0.0082	J		<0.0048	U		<0.0082	U	
		VMP-32-5-042920	4/29/2020	<0.0074	U		<0 0073	U		<0.0076	U		<0 0067	U		<0.0067	U		0.0025	J		<0.0035	U		<0.0059	U	
		VMP-32-5-072920	7/29/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		0.0046	J		<0.0033	U		<0.0057	U	
		VMP-32-5-110420	11/4/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.0073	U		<0 0072	U		0.0014	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-32-10-042920	4/29/2020	<0.0074	U		<0 0073	U		0.0018	J		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-32-10-072920	7/29/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0061	U		<0.0034	U		<0.0057	U	
		VMP-32-10-110420	11/4/2020	<0.0066	U		<0 0065	U		0.0016	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0073	U		<0 0072	U		0.0014	J		0.0018	J		<0.0066	U		0.0014	J		<0.0034	U		<0.0058	U	
		VMP-32-20-042920	4/29/2020	<0.0076	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		0.0018	J		<0.0035	U		<0.006	U	
		VMP-32-20-072920	7/29/2020	<0.0068	U		<0 0067	U		0.00086	J		<0 0061	J	U	<0.0061	U		0.027			<0.0032	U		<0.0054	U	
		VMP-32-20-110420	11/4/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.0079	U		<0 0078	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-32-30-072920	7/29/2020	<0.0072	U		<0 0071	U		0.00096	J		<0 0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0058	U	
		VMP-32-30-110420	11/4/2020	<0.007	U		<0 0069	U		0.001	J		0.0018	J		<0.0063	U		<0.006	U		<0.0033	U		0.0066		
		VMP-32-30-110420-DUP	11/4/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.0081	U		<0.008	U		<0.0083	U		<0 0073	U		<0.0073	U		<0 0069	U		<0.0038	U		<0.0064	U	
		VMP-42-10-042920	4/29/2020	<0.008	U		<0 0079	U		<0.0083	U		<0 0072	U		<0.0072	U		<0 0069	U		<0.0038	U		<0.0064	U	
		VMP-42-10-072820	7/28/2020	<0.0068	U		0.0012	J		<0.007	U		0.0012	J		<0.0062	U		<0 0059	U		<0.0032	U		<0.0054	U	
		VMP-42-10-110520	11/5/2020	<0.0066	U		<0 0065	U		0.0014	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0062	U	
		VMP-42-20-042920	4/29/2020	<0.0076	U		<0 0075	U		0.0015	J		<0 0068	U		<0.0068	U		<0 0065	U		<0.0036	U		<0.006	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.007	U		<0 0069	U		0.0017	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-42-20-072820	7/28/2020	<0.0066	U		<0 0065	U		0.0012	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-42-20-110520	11/5/2020	<0.0066	U		<0 0065	U		0.0015	J		<0 0059	U		<0.0059	U		0.0066			<0.0031	U		0 00054	J	
	30 ft	VMP-42-30-012720	1/27/2020	<0.0078	U		<0 0077	U		<0.008	U		<0.007	U		<0.007	U		<0 0067	U		<0.0036	U		<0.0062	U	
		VMP-42-30-042920	4/29/2020	<0.0086	U		<0 0085	U		<0.0088	U		<0 0077	U		<0.0077	U		<0 0074	U		<0.004	U		<0.0068	U	
		VMP-42-30-072820	7/28/2020	<0.0066	U		<0 0065	U		0.0013	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-42-30-110520	11/5/2020	<0.0069	U		<0 0068	U		0.002	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0067	U		<0 0066	U		0.0019	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		0.0008	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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	10 ft	VMP-43-10-012720	1/27/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-43-10-043020	4/30/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-43-10-072820	7/28/2020	<0.0071	U		<0.007	U		0.00087	J		<0 0064	U		<0.0064	U		0 00066	J		<0.0033	U		<0.0057	U	
		VMP-43-10-110320	11/3/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-43-20-043020	4/30/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		0.008			<0.0035	U		<0.006	U	
		VMP-43-20-072820	7/28/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		0.89			<0.0035	U		<0.0059	U	
		VMP-43-20-110320	11/3/2020	<0.0069	U		<0 0068	U		0.0012	J		<0 0062	U		<0.0062	U		0.0026	J		<0.0032	U		<0.0055	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.0071	U		<0.007	U		<0.0074	U		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
		VMP-43-30-043020	4/30/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-43-30-072820	7/28/2020	<0.0072	U		<0 0071	U		0.00092	J		<0 0065	U		<0.0065	U		0.0039	J		<0.0034	U		<0.0057	U	
		VMP-43-30-110320	11/3/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.008	U		<0 0079	U		<0.0083	U		<0 0072	U		<0.0072	U		0.0025	J		<0.0038	U		<0.0064	U	
		VMP-44-10-043020	4/30/2020	<0.0064	U		<0 0063	U		<0.0065	U		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-44-10-072820	7/28/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.003	U		<0.0052	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.0078	U		<0 0077	U		<0.0081	U		<0.007	U		<0.007	U		<0 0067	U		<0.0037	U		<0.0062	U	
		VMP-44-20-043020	4/30/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-44-20-072820	7/28/2020	<0.0069	U		<0 0068	U		0.0011	J		<0 0062	U		<0.0062	U		0 00056	J		<0.0032	U		<0.0055	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		0.0026	J		<0.0031	U		<0.0052	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0.006	J	U	<0.006	U		0.0027	J		<0.0031	U		<0.0053	U	
		VMP-44-30-043020	4/30/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		0.01			<0.0032	U		0.015		
		VMP-45-10-042720	4/27/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-45-10-072820	7/28/2020	<0.0074	U		<0 0072	U		0.0011	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0059	U	
		VMP-45-10-110520	11/5/2020	<0.0072	U		<0 0071	U		0.0015	J		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-45-20-042720	4/27/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0054	U	
		VMP-45-20-072820	7/28/2020	<0.0074	U		<0 0073	U		0.0009	J		<0 0067	U		<0.0067	U		0 00066	J		<0.0035	U		<0.0059	U	
		VMP-45-20-110520	11/5/2020	<0.0067	U		<0 0066	U		0.002	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		0 00041	J	
	30 ft	VMP-45-30-012720	1/27/2020	<0.0075	U		<0 0074	U		0.018			<0 0068	U		<0.0068	U		0.0043	J		<0.0035	U		<0.006	U	
		VMP-45-30-042720	4/27/2020	<0.0065	U		<0 0064	U		<0.0066	U		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-45-30-072820	7/28/2020	<0.008	U		<0 0079	U		0.0012	J		<0 0072	U		<0.0072	U		0.0046	J		<0.0038	U		<0.0064	U	
		VMP-45-30-110520	11/5/2020	<0.0065	U		<0 0064	U		0.0013	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.0081	U		<0.008	U		<0.0084	U		<0 0073	U		<0.0073	U		0.038		J	<0.0038	U		<0.0065	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0077	U		<0 0076	U		<0.008	U		0.0031	J		<0.007	U		0.15		J	<0.0036	U		0.012		
		VMP-47-5-042820	4/28/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-47-5-072720	7/27/2020	<0.0067	U		0.0038	J		0.0023	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-47-5-110220	11/2/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.0074	U		<0 0073	U		<0.0076	U		<0 0067	U		<0.0067	U		<0 0063	U		<0.0035	U		<0.0059	U	
		VMP-47-10-042820	4/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-47-10-072720	7/27/2020	<0.0064	U		<0 0063	U		0.0019	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0065	U		<0 0064	U		0.0022	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-47-10-110220	11/2/2020	<0.0063	U		<0 0062	U		<0.0065	U		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-47-20-042820	4/28/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-47-20-072720	7/27/2020	<0.0064	U		<0 0063	U		0.002	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-47-20-110220	11/2/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0061	U		<0.0034	U		<0.0057	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0062	U	
		VMP-47-30-042820	4/28/2020	<0.0073	U		<0 0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-47-30-072720	7/27/2020	<0.0066	U		<0 0065	U		0.002	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-47-30-110220	11/2/2020	<0.0063	U		<0 0062	U		0.0019	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.0061	U		<0.006	U		0.002	J		<0 0055	U		<0.0055	U		<0 0052	U		<0.0029	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-48	5 ft	VMP-48-5-012920	1/29/2020	<0.0079	U		<0 0078	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-48-5-042420	4/24/2020	<0.008	U		<0 0079	U		<0.0082	U		<0 0072	U		<0.0072	U		<0 0068	U		<0.0037	U		<0.0064	U	
		VMP-48-5-073020	7/30/2020	<0.0062	U		0.0071			0.0022	J		0.0012	J		<0.0056	U		0.0013	J		<0.0029	U		0.0013	J	
		VMP-48-5-110220	11/2/2020	<0.0063	U		<0 0062	U		0.0018	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.008	U		<0 0078	U		<0.0082	U		<0 0072	U		<0.0072	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-48-10-042420	4/24/2020	<0.0074	U		<0 0073	U		0.0013	J		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-48-10-073020	7/30/2020	<0.0071	U		<0.007	U		0.0016	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0056	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.0066	U		<0 0065	U		0.0014	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-48-10-110220	11/2/2020	0.001	J		<0.007	U		0.0023	J		<0 0064	U		0.00088	J		<0 0061	U		<0.0033	U		0 00072	J	
	20 ft	VMP-48-20-110220	11/2/2020	<0.0068	U		<0 0067	U		0.0024	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.0078	U		<0 0077	U		0.024		J	<0.007	U		<0.007	U		<0 0067	U		<0.0036	U		<0.0062	U	
		VMP-48-30-073020	7/30/2020	<0.0069	U		<0 0068	U		0.03			<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-48-30-110220	11/2/2020	<0.0068	U		<0 0067	U		0.03			<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.0066	U		<0 0066	U		<0.0068	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-49-5-042920	4/29/2020	<0.008	U		<0 0079	U		0.0016	J		<0 0072	U		<0.0072	U		<0 0069	U		<0.0038	U		<0.0064	U	
		VMP-49-5-072420	7/24/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0073	U		<0 0072	U		<0.0075	U		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-49-5-110420	11/4/2020	0.001	J		0.0024	J		0.0014	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.0079	U		<0 0078	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-49-10-042920	4/29/2020	<0.0067	U		<0 0066	U		0.0012	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-49-10-072420	7/24/2020	<0.0076	U		<0 0075	U		<0.0079	U		<0 0069	U		<0.0069	U		<0 0065	U		<0.0036	U		<0.0061	U	
		VMP-49-10-110420	11/4/2020	<0.0071	U		<0.007	U		0.00095	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.0073	U		<0 0072	U		<0.0075	U		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-49-20-042920	4/29/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0071	U		<0.007	U		0.0012	J		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-49-20-072420	7/24/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	J	U
		VMP-49-20-110420	11/4/2020	<0.0069	U		<0 0068	U		0.00094	J		<0 0062	U		<0.0062	U		0.0073			<0.0032	U		<0.0055	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.007	U		<0 0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-49-30-042920	4/29/2020	<0.0069	U		<0 0068	U		0.0013	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-49-30-072420	7/24/2020	<0.007	U		<0 0069	U		0.027			<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-49-30-110420	11/4/2020	<0.55	U		0.11	J		<0.56	U		<0.49	U		<0.49	U		1.5			<0.26	U		<0.44	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-50-5-042820	4/28/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-50-5-072720	7/27/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-50-5-110520	11/5/2020	<0.0062	U		<0 0062	U		0.0018	J		<0 0056	U		<0.0056	U		<0 0053	U		<0.0029	U		<0.005	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0077	U		<0 0076	U		<0.0079	U		0.0013	J		<0.0069	U		0.0019	J		<0.0036	U		<0.0061	U	
		VMP-50-10-042820	4/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-50-10-072720	7/27/2020	<0.0064	U		<0 0063	U		0.0024	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-50-10-110520	11/5/2020	<0.0066	U		0.0041	J		0.0016	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-50-20-042820	4/28/2020	<0.007	U		<0 0069	U		0.0013	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-50-20-072720	7/27/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0026	J		<0.0031	U		<0.0053	U	
		VMP-50-20-110520	11/5/2020	<0.0067	U		<0 0066	U		0.0013	J		<0 0061	U		<0.0061	U		0.053			<0.0032	U		<0.0054	U	
		VMP-50-20-110520-DUP	11/5/2020	<0.0072	U		<0 0071	U		0.0016	J		<0 0065	U		<0.0065	U		0.053			<0.0034	U		<0.0057	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.15	U		<0.14	U		<0.15	U		<0.13	U		0.076	J		5.8			<0.069	U		<0.12	U	
		VMP-50-30-042820	4/28/2020	<0.092	U		<0.091	U		<0.095	U		<0.083	U		0.028	J		1.9			<0.043	U		0.032	J	
		VMP-50-30-072720	7/27/2020	<0.068	U		<0.067	U		<0.07	U		<0.061	U		0.01	J		3.9			<0.032	U		<0.054	U	
		VMP-50-30-110520	11/5/2020	<0.014	U		<0.013	U		0.0025	J		<0.012	U		<0.012	U		1.9			<0.0063	U		<0.011	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-51	5 ft	VMP-51-5-012820	1/28/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0 0069	U		<0.0069	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-51-5-042720	4/27/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-51-5-072320	7/23/2020	<0.0065	U		0.00083	J		0.001	J		<0 0058	U		<0.0058	U		0.0033	J		<0.003	U		<0.0052	U	
		VMP-51-5-103020	10/30/2020	<0.007	U		0.0028	J		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.0075	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-51-10-042720	4/27/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-51-10-072320	7/23/2020	<0.0064	U		<0 0063	U		0.0017	J		<0 0058	U		<0.0058	U		0.0028	J		<0.003	U		0.0013	J	
		VMP-51-10-103020	10/30/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0058	U		<0.0058	U		0.0041	J		<0.003	U		<0.0052	U	
		VMP-51-20-042720	4/27/2020	<0.0072	U		<0 0071	U		0.002	J		<0 0065	U		<0.0065	U		<0 0061	U		<0.0034	U		<0.0057	U	
		VMP-51-20-072320	7/23/2020	<0.0071	U		<0.007	U		0.002	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
		VMP-51-20-103020	10/30/2020	<0.0071	U		<0.007	U		0.0022	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.0073	U		<0 0072	U		0.0014	J		<0 0066	U		<0.0066	U		0.0019	J		<0.0034	U		0 00083	J	
		VMP-51-30-042720	4/27/2020	<0.0064	U		<0 0063	U		0.0031	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-51-30-072320	7/23/2020	<0.0066	U		<0 0065	U		0.0019	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-51-30-103020	10/30/2020	<0.0074	U		<0 0072	U		0.0022	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		0.0007	J	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.008	U		<0 0078	U		<0.0082	U		<0 0072	U		<0.0072	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-52-5-042720	4/27/2020	<0.0063	U		<0 0062	U		<0.0065	U		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-52-5-072320	7/23/2020	<0.0064	U		<0 0063	U		0.0011	J		<0 0058	U		<0.0058	U		0.001	J		<0.003	U		<0.0051	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0068	U		<0 0067	U		0.0012	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-52-5-102920	10/29/2020	<0.007	U		<0 0069	U		0.0014	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-52-10-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0016	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.0066	U		<0 0066	U		<0.0068	U		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-52-20-042720	4/27/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-52-20-072320	7/23/2020	<0.0074	U		<0 0072	U		0.00092	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0059	U	
		VMP-52-20-102920	10/29/2020	<0.0065	U		<0 0064	U		0.0016	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		0 00045	J	
	30 ft	VMP-52-30-012320	1/23/2020	<0.0076	U		<0 0075	U		<0.0078	U		<0 0068	U		<0.0068	U		<0 0065	U		<0.0036	U		<0.006	U	
		VMP-52-30-042720	4/27/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0069	U		<0 0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-52-30-072320	7/23/2020	<0.0073	U		<0 0072	U		0.001	J		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-52-30-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0017	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.0077	U		<0 0076	U		<0.0079	U		<0 0069	U		<0.0069	U		0.002	J		<0.0036	U		<0.0061	U	
		VMP-53-5-042220	4/22/2020	<0.007	U		0.0048	J		0.0012	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-53-5-072220	7/22/2020	<0.0065	U		<0 0064	U		0.0019	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.003	U		<0.0052	U	
		VMP-53-5-102820	10/28/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0064	U		<0 0063	U		<0.0066	U		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-53-10-042220	4/22/2020	<0.0069	U		<0 0068	U		0.0016	J		<0 0062	U		<0.0062	U		0 00093	J		<0.0032	U		<0.0055	U	
		VMP-53-10-072220	7/22/2020	<0.0073	U		<0 0072	U		0.0016	J		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-53-10-102820	10/28/2020	<0.0063	U		<0 0062	U		<0.0065	U		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		0 00081	J	
	20 ft	VMP-53-20-012220	1/22/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-53-20-042220	4/22/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-53-20-072220	7/22/2020	<0.007	U		<0 0069	U		0.002	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-53-20-102820	10/28/2020	<0.0068	U		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0072	U		<0 0071	U		<0.0074	U		<0 0065	U		<0.0065	U		<0 0061	U		<0.0034	U		<0.0057	U	
		VMP-53-30-042220	4/22/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		0.0024	J		<0.0034	U		<0.0058	U	
		VMP-53-30-072220	7/22/2020	<0.0066	U		<0 0066	U		0.0014	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-53-30-102820	10/28/2020	<0.0065	U		<0 0064	U		<0.0067	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-54	5 ft	VMP-54-5-012220	1/22/2020	<0.0091	U		<0.009	U		<0.0094	U		<0 0082	U		<0.0082	U		<0 0078	U		<0.0043	U		<0.0073	U	
		VMP-54-5-042720	4/27/2020	<0.0072	U		<0 0071	U		0.0011	J		0.0044	J		0.0026	J		<0 0062	U		<0.0034	U		0.0014	J	
		VMP-54-5-052120	5/21/2020	<0.0066	U		<0 0065	U		0.0018	J		0.0049	J		0.0018	J		0.0074			<0.0031	U		0.0079		
		VMP-54-5-072220	7/22/2020	<0.0069	U		<0 0068	U		0.0017	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-54-5-102820	10/28/2020	<0.0066	U		<0 0065	U		0.0016	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
	10 ft	VMP-54-10-031220	3/12/2020	<0.0068	U		0.0043	J		0.0018	J		<0 0061	U		<0.0061	U		0.0063			<0.0032	U		0 00078	J	
		VMP-54-10-042720	4/27/2020	<0.0073	U		<0 0072	J	U	0.001	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-54-10-072220	7/22/2020	<0.0073	U		<0 0072	U		0.0015	J		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-54-10-102820	10/28/2020	<0.0068	U		<0 0067	U		0.0016	J		<0 0061	U		<0.0061	U		0.0019	J		<0.0032	U		<0.0054	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-54-20-042720	4/27/2020	<0.0069	U		<0 0068	U		0.001	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-54-20-072220	7/22/2020	<0.0072	U		<0 0071	U		0.0016	J		<0 0065	U		<0.0065	U		<0 0061	U		0.0022	J		<0.0057	U	
		VMP-54-20-102820	10/28/2020	<0.007	U		<0 0069	U		0.0017	J		<0 0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.0082	U		<0 0081	U		<0.0085	U		<0 0074	U		<0.0074	U		0.0041	J		<0.0038	U		0.0022	J	
		VMP-54-30-042720	4/27/2020	<0.0072	U		<0 0071	U		0.0012	J		<0 0065	U		<0.0065	U		<0 0062	U		<0.0034	U		<0.0057	U	
		VMP-54-30-072220	7/22/2020	<0.0071	U		<0.007	U		0.0024	J		0.0036	J		<0.0064	U		0.14			<0.0033	U		0.0015	J	
		VMP-54-30-102820	10/28/2020	<0.0065	U		<0 0064	U		0.0016	J		<0 0058	U		<0.0058	U		<0 0056	U		<0.003	U		<0.0052	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.0077	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0061	U	
		VMP-56-10-042420	4/24/2020	<0.0071	U		<0.007	U		0.00098	J		<0 0064	U		<0.0064	U		<0 0061	U		<0.0033	U		<0.0057	U	
		VMP-56-10-072320	7/23/2020	<0.0071	U		<0.007	U		0.00096	J		0 00081	J		<0.0064	U		0.57			<0.0033	U		0.0053	J	
		VMP-56-10-072320-DUP	7/23/2020	<0.0076	U		<0 0074	U		<0.0078	U		<0 0068	U		<0.0068	U		0.6			<0.0035	U		0.0022	J	
		VMP-56-10-110320	11/3/2020	<0.0067	U		<0 0066	U		<0.0069	U		<0 0061	U		<0.0061	U		0.0038	J		<0.0032	U		<0.0054	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.0071	U		<0.007	U		<0.0073	U		<0 0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-56-25-042420	4/24/2020	<0.0075	U		<0 0074	U		0.0011	J		<0 0068	U		<0.0068	U		<0 0064	U		<0.0035	U		<0.006	U	
		VMP-56-25-072320	7/23/2020	<0.0068	U		<0 0067	U		0.001	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-56-25-110320	11/3/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		0.82			<0.0033	U		<0.0056	U	
		VMP-56-25-110320-DUP	11/3/2020	<0.007	U		<0 0069	U		<0.0072	U		<0 0063	U		<0.0063	U		0.85			<0.0033	U		0.0005	J	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0066	U		<0 0065	U		<0.0068	U		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-62-5-042820	4/28/2020	<0.0074	U		<0 0072	U		0.0012	J		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0059	U	
		VMP-62-5-072720	7/27/2020	<0.0066	U		<0 0066	U		0.0015	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-62-5-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0012	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.007	U		<0 0068	U		<0.0072	U		<0 0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U	
		VMP-62-10-042820	4/28/2020	<0.0082	U		<0.008	U		<0.0084	U		<0 0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U	
		VMP-62-10-072720	7/27/2020	<0.0061	U		<0.006	U		0.0012	J		<0 0055	U		<0.0055	U		<0 0052	U		<0.0029	U		<0.0049	U	
		VMP-62-10-102920	10/29/2020	<0.0066	U		<0 0065	U		0.0018	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.0078	U		<0 0077	U		<0.008	U		<0.007	U		<0.007	U		<0 0067	U		<0.0036	U		<0.0062	U	
		VMP-62-20-042820	4/28/2020	<0.0074	U		<0 0073	U		<0.0076	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-62-20-072720	7/27/2020	<0.0063	U		<0 0062	U		0.002	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	J	U
		VMP-62-20-102920	10/29/2020	<0.0069	U		<0 0068	U		0.002	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-62-30-042820	4/28/2020	<0.0079	U		<0 0078	U		0.002	J		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-62-30-072720	7/27/2020	<0.0064	U		<0 0063	U		0.002	J		<0 0058	U		<0.0058	U		<0 0055	U		<0.003	U		<0.0051	U	
		VMP-62-30-102920	10/29/2020	<0.0067	U		<0 0066	U		0.002	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				6600			1.5			860												0.29			130		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-63	5 ft	VMP-63-5-012720	1/27/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0078	U		<0 0076	U		<0.008	U		<0.007	U		<0.007	U		<0 0066	U		<0.0036	U		<0.0062	U	
		VMP-63-5-042420	4/24/2020	<0.0065	U		<0 0064	U		0.00095	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-63-5-072820	7/28/2020	<0.0068	U		0.00099	J		0.00088	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-63-5-110320	11/3/2020	<0.0067	U		<0 0066	U		0.0013	J		<0 0061	U		<0.0061	U		0.0018	J		<0.0032	U		<0.0054	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0066	U		<0 0065	U		0.0022	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
		VMP-63-10-042420	4/24/2020	<0.0073	U		<0 0072	U		0.0013	J		<0 0066	U		<0.0066	U		0.0019	J		<0.0034	U		<0.0058	U	
		VMP-63-10-072820	7/28/2020	<0.0073	U		<0 0072	U		<0.0075	U		<0 0066	U		<0.0066	U		<0 0062	U		<0.0034	U		<0.0058	U	
		VMP-63-10-110320	11/3/2020	<0.0064	U		<0 0063	U		0.0017	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-63-20-042420	4/24/2020	<0.0065	U		<0 0064	U		0.001	J		<0 0059	U		<0.0059	U		0.0014	J		<0.0031	U		<0.0052	U	
		VMP-63-20-072820	7/28/2020	<0.0066	U		<0 0066	U		0.001	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-63-20-110320	11/3/2020	<0.0069	U		<0 0068	U		0.0014	J		<0 0062	U		<0.0062	U		0.0012	J		<0.0032	U		<0.0055	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.0075	U		<0 0074	U		<0.0077	U		<0 0068	U		<0.0068	U		0.0021	J		<0.0035	U		<0.006	U	
		VMP-63-30-042420	4/24/2020	<0.0069	U		<0 0068	U		0.001	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
		VMP-63-30-072820	7/28/2020	<0.0066	U		<0 0066	U		0.001	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.0064	U		<0 0063	U		0.00093	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
		VMP-63-30-110320	11/3/2020	<0.0066	U		<0 0065	U		0.0018	J		<0 0059	J	U	<0.0059	U		0.001	J		<0.0031	U		0 00062	J	
		VMP-63-30-110320-DUP	11/3/2020	<0.0066	U		<0 0065	U		0.0014	J		<0 0059	U		<0.0059	U		<0 0056	U		<0.0031	U		<0.0052	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.0074	U		<0 0073	U		0.0013	J		<0 0067	U		<0.0067	U		<0 0064	U		<0.0035	U		<0.0059	U	
		VMP-64-5-042420	4/24/2020	<0.007	U		<0 0068	U		0.0011	J		<0 0063	U		<0.0063	U		0.0012	J		<0.0032	U		<0.0055	U	
		VMP-64-5-072420	7/24/2020	<0.0066	U		<0 0066	U		0.0038	J		<0.006	U		0.00073	J		<0 0057	U		<0.0031	U		<0.0053	J	U
		VMP-64-5-103020	10/30/2020	<0.0064	U		<0 0063	U		0.0014	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.0073	U		<0 0072	U		<0.0076	U		<0 0066	U		<0.0066	U		<0 0063	U		<0.0034	U		<0.0058	U	
		VMP-64-10-042420	4/24/2020	<0.0062	U		<0 0061	U		0.0011	J		<0 0056	U		<0.0056	U		<0 0053	U		<0.0029	U		<0.005	U	
		VMP-64-10-072420	7/24/2020	<0.0068	U		<0 0067	U		0.0018	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-64-10-103020	10/30/2020	<0.0069	U		<0 0068	U		0.0015	J		<0 0062	U		<0.0062	U		<0 0059	U		<0.0032	U		<0.0055	U	
	20 ft	VMP-64-20-012820	1/28/2020	0.0024	J		<0 0078	U		<0.0081	U		<0 0071	U		<0.0071	U		<0 0068	U		<0.0037	U		<0.0063	U	
		VMP-64-20-042420	4/24/2020	<0.0068	U		<0 0067	U		0.0012	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0067	U		<0 0066	U		0.0012	J		<0.006	U		<0.006	U		<0 0057	U		<0.0031	U		<0.0053	U	
		VMP-64-20-072420	7/24/2020	0.0017	J		<0 0067	U		0.0018	J		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-64-20-072420-DUP	7/24/2020	0.0015	J		<0 0067	U		<0.007	U		<0 0061	U		<0.0061	U		<0 0058	U		<0.0032	U		<0.0054	U	
		VMP-64-20-103020	10/30/2020	<0.0063	U		<0 0062	U		0.0014	J		<0 0057	U		<0.0057	U		<0 0054	U		<0.003	U		<0.005	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	<0.0054	U	
		VMP-1-5-042420	4/24/2020	<0.0057	U	
		VMP-1-5-072820	7/28/2020	<0.0052	U	
		VMP-1-5-110220	11/2/2020	<0.0056	U	
	8.5 ft	VMP-1-8.5-012720	1/27/2020	<0.0062	U	
		VMP-1-8.5-042420	4/24/2020	<0.0056	U	
		VMP-1-8.5-072820	7/28/2020	<0.0055	U	
		VMP-1-8.5-110220	11/2/2020	<0.0054	U	
	23.5 ft	VMP-1-23.5-012720	1/27/2020	<0.0055	U	
		VMP-1-23.5-042420	4/24/2020	<0.0051	U	
		VMP-1-23.5-072820	7/28/2020	<0.0057	U	
		VMP-1-23.5-110220	11/2/2020	<0.0056	U	
	38.5 ft	VMP-1-38.5-012720	1/27/2020	<0.0055	U	
		VMP-1-38.5-072820	7/28/2020	<0.0055	U	
		VMP-1-38.5-110220	11/2/2020	<0.005	U	
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	<0.0058	U	
		VMP-2-5-042420	4/24/2020	<0.0058	U	
		VMP-2-5-072420	7/24/2020	<0.005	U	
		VMP-2-5-110420	11/4/2020	<0.0057	U	
	8.5 ft	VMP-2-8.5-012420	1/24/2020	<0.006	U	
		VMP-2-8.5-042420	4/24/2020	<0.0057	U	
		VMP-2-8.5-072420	7/24/2020	<0.0052	U	
		VMP-2-8.5-110420	11/4/2020	<0.0053	U	
	22 ft	VMP-2-22-012420	1/24/2020	<0.006	U	
		VMP-2-22-042420	4/24/2020	<0.0061	U	
		VMP-2-22-042420-DUP	4/24/2020	<0.0061	U	
		VMP-2-22-072420	7/24/2020	<0.0056	U	
		VMP-2-22-110420	11/4/2020	<0.053	U	
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	<0.0074	U	
		VMP-3-5-012720-DUP	1/27/2020	<0.0059	U	
		VMP-3-5-042920	4/29/2020	<0.0059	U	
		VMP-3-5-072920	7/29/2020	<0.0058	U	
		VMP-3-5-110420	11/4/2020	<0.0054	U	
	10 ft	VMP-3-10-022120	2/21/2020	<0.005	U	
		VMP-3-10-072920	7/29/2020	<0.0055	U	
		VMP-3-10-110420	11/4/2020	<0.0059	U	
	22 ft	VMP-3-22-012720	1/27/2020	<0.0056	U	
		VMP-3-22-042920	4/29/2020	<0.0062	U	
		VMP-3-22-072920	7/29/2020	<0.0057	U	
		VMP-3-22-110420	11/4/2020	<0.0059	U	
	31.5 ft	VMP-3-31.5-022120	2/21/2020	<0.051	U	
		VMP-3-31.5-042920	4/29/2020	<1.4	U	
		VMP-3-31.5-072920	7/29/2020	<0.045	U	
		VMP-3-31.5-110420	11/4/2020	<5.5	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	<0.0056	U	
		VMP-4-5-042820	4/28/2020	<0.0056	U	
		VMP-4-5-073020	7/30/2020	<0.0053	U	
		VMP-4-5-073020-DUP	7/30/2020	<0.0056	U	
		VMP-4-5-103020	10/30/2020	<0.0054	U	
	12 ft	VMP-4-12-012320	1/23/2020	<0.0055	U	
		VMP-4-12-042820	4/28/2020	<0.0058	U	
		VMP-4-12-073020	7/30/2020	<0.0054	U	
		VMP-4-12-103020	10/30/2020	<0.0053	U	
	23.5 ft	VMP-4-23.5-012320	1/23/2020	<0.0058	U	
		VMP-4-23.5-042820	4/28/2020	<0.0057	U	
		VMP-4-23.5-073020	7/30/2020	<0.0055	U	
		VMP-4-23.5-103020	10/30/2020	<0.0052	U	
		VMP-4-23.5-103020-DUP	10/30/2020	<0.0053	U	
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	<0.0049	U	
		VMP-5-5-042720	4/27/2020	<0.0052	U	
		VMP-5-5-072320	7/23/2020	<0.0056	U	
		VMP-5-5-103020	10/30/2020	<0.0052	U	
	12.5 ft	VMP-5-12.5-012820	1/28/2020	<0.0057	U	
		VMP-5-12.5-042720	4/27/2020	<0.0052	U	
		VMP-5-12.5-072320	7/23/2020	<0.0054	U	
		VMP-5-12.5-103020	10/30/2020	<0.0053	U	
	31 ft	VMP-5-31-012820	1/28/2020	<0.0055	U	
		VMP-5-31-042720	4/27/2020	<0.0055	U	
		VMP-5-31-072320	7/23/2020	<0.0053	U	
		VMP-5-31-072320-DUP	7/23/2020	<0.0055	U	
		VMP-5-31-103020	10/30/2020	<0.0059	U	
		VMP-5-31-103020-DUP	10/30/2020	<0.0056	U	
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	<0.0063	U	
		VMP-6-5-042720	4/27/2020	<0.0058	U	
		VMP-6-5-072220	7/22/2020	<0.0056	U	
		VMP-6-5-102920	10/29/2020	<0.0054	U	
	10 ft	VMP-6-10-012320	1/23/2020	<0.0056	U	
		VMP-6-10-042720	4/27/2020	<0.0056	U	
		VMP-6-10-072220	7/22/2020	<0.0056	U	
		VMP-6-10-102920	10/29/2020	<0.0052	U	
	31.5 ft	VMP-6-31.5-022120	2/21/2020	<0.0049	U	
		VMP-6-31.5-042720	4/27/2020	<0.006	U	
		VMP-6-31.5-072220	7/22/2020	<0.0059	U	
		VMP-6-31.5-102920	10/29/2020	<0.0052	U	
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	<0.0056	U	
		VMP-7-5-042720	4/27/2020	<0.0061	U	
		VMP-7-5-073020	7/30/2020	<0.0053	U	
		VMP-7-5-110420	11/4/2020	<0.0052	U	
	13.5 ft	VMP-7-13.5-012720	1/27/2020	<0.0053	U	
		VMP-7-13.5-042720	4/27/2020	<0.0061	U	
		VMP-7-13.5-073020	7/30/2020	<0.0056	U	
		VMP-7-13.5-110420	11/4/2020	<0.0057	U	
	29.5 ft	VMP-7-29.5-012720	1/27/2020	<0.0053	U	
		VMP-7-29.5-012720-DUP	1/27/2020	<0.0054	U	
		VMP-7-29.5-042720	4/27/2020	<0.006	U	
		VMP-7-29.5-073020	7/30/2020	<0.0056	U	
		VMP-7-29.5-110420	11/4/2020	<0.0053	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	<0.006	U	
		VMP-8-5-012220-DUP	1/22/2020	<0.0062	U	
		VMP-8-5-042220	4/22/2020	0.0015	J	
		VMP-8-5-072220	7/22/2020	<0.0053	U	
		VMP-8-5-102820	10/28/2020	<0.0054	U	
	9.5 ft	VMP-8-9.5-012220	1/22/2020	<0.006	U	
		VMP-8-9.5-042220	4/22/2020	<0.0055	U	
		VMP-8-9.5-072220	7/22/2020	<0.0056	U	
		VMP-8-9.5-072220-DUP	7/22/2020	<0.0052	U	
		VMP-8-9.5-102820	10/28/2020	<0.0056	U	
	23.5 ft	VMP-8-23.5-012220	1/22/2020	<0.0058	U	
		VMP-8-23.5-042220	4/22/2020	<0.0055	U	
		VMP-8-23.5-072220	7/22/2020	<0.0051	U	
		VMP-8-23.5-102820	10/28/2020	<0.0053	U	
	35.5 ft	VMP-8-35.5-012220	1/22/2020	<0.0059	U	
		VMP-8-35.5-042220	4/22/2020	<0.0056	U	
		VMP-8-35.5-072220	7/22/2020	<0.0053	U	
		VMP-8-35.5-102820	10/28/2020	<0.0055	U	
		VMP-8-35.5-102820-DUP	10/28/2020	<0.0053	U	
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	<0.0052	U	
		VMP-9-5-042220	4/22/2020	<0.0055	U	
		VMP-9-5-072220	7/22/2020	<0.0057	U	
		VMP-9-5-072220-DUP	7/22/2020	<0.0056	U	
		VMP-9-5-102820	10/28/2020	<0.0052	U	
	11.5 ft	VMP-9-11.5-012220	1/22/2020	<0.0055	U	
		VMP-9-11.5-042220	4/22/2020	<0.0057	U	
		VMP-9-11.5-072220	7/22/2020	<0.0056	U	
		VMP-9-11.5-102820	10/28/2020	<0.0054	U	
	25.5 ft	VMP-9-25.5-012220	1/22/2020	<0.0054	U	
		VMP-9-25.5-042220	4/22/2020	<0.005	U	
		VMP-9-25.5-042220-DUP	4/22/2020	<0.0052	U	
		VMP-9-25.5-072220	7/22/2020	<0.0056	U	
		VMP-9-25.5-102820	10/28/2020	<0.0054	U	
		VMP-9-25.5-102820-DUP	10/28/2020	<0.0052	U	
VMP-18	8.5 ft	VMP-18-8.5-012420	1/24/2020	<0.0064	U	
		VMP-18-8.5-042920	4/29/2020	<0.0051	U	
		VMP-18-8.5-042920-DUP	4/29/2020	<0.0049	U	
		VMP-18-8.5-112420	11/24/2020	<0.0049	U	
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	<0.0052	U	
		VMP-19-5-043020	4/30/2020	<0.0052	U	
		VMP-19-5-043020-DUP	4/30/2020	<0.0052	U	
		VMP-19-5-072720	7/27/2020	<0.0052	U	
		VMP-19-5-110420	11/4/2020	<0.0057	U	
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	<0.0061	U	
		VMP-20-5-022120	2/21/2020	<0.0052	U	
		VMP-20-5-042420	4/24/2020	<0.0055	U	
		VMP-20-5-072320	7/23/2020	<0.0053	U	
		VMP-20-5-112420	11/24/2020	<0.0047	U	
	10 ft	VMP-20-10-012420	1/24/2020	<0.0055	U	
		VMP-20-10-042420	4/24/2020	<0.0055	U	
		VMP-20-10-072320	7/23/2020	<0.0054	U	
		VMP-20-10-110220	11/2/2020	<0.005	U	
	25 ft	VMP-20-25-012420	1/24/2020	<0.0059	U	
		VMP-20-25-042420	4/24/2020	<0.0057	U	
		VMP-20-25-072320	7/23/2020	0.0022	J	
		VMP-20-25-110220	11/2/2020	<0.0049	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-012220	1/22/2020	<0.0059	U	
		VMP-21-5-042320	4/23/2020	<0.0061	U	
		VMP-21-5-072420	7/24/2020	<0.0056	U	
		VMP-21-5-102920	10/29/2020	<0.0054	U	
	10 ft	VMP-21-10-012220	1/22/2020	0.011		
		VMP-21-10-042320	4/23/2020	<0.0053	U	
		VMP-21-10-072420	7/24/2020	<0.005	U	
		VMP-21-10-102920	10/29/2020	<0.0055	U	
	25 ft	VMP-21-25-012220	1/22/2020	<0.006	U	
		VMP-21-25-042320	4/23/2020	<0.006	U	
		VMP-21-25-072420	7/24/2020	<0.0058	U	
		VMP-21-25-102920	10/29/2020	<0.0056	U	
	33 ft	VMP-21-33-012220	1/22/2020	<0.0062	U	
		VMP-21-33-042320	4/23/2020	<0.0052	U	
		VMP-21-33-072420	7/24/2020	<0.0057	U	
		VMP-21-33-102920	10/29/2020	<0.0054	U	
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	<0.0052	U	
		VMP-22-5-042820	4/28/2020	<0.0056	U	
		VMP-22-5-072320	7/23/2020	<0.0056	U	
		VMP-22-5-110520	11/5/2020	<0.0052	U	
	10 ft	VMP-22-10-012320	1/23/2020	0.0066		
		VMP-22-10-042820	4/28/2020	<0.005	U	
		VMP-22-10-072320	7/23/2020	<0.0054	U	
		VMP-22-10-110520	11/5/2020	<0.0055	U	
	18 ft	VMP-22-18-012320	1/23/2020	<0.0054	U	
		VMP-22-18-042820	4/28/2020	<0.0056	U	
		VMP-22-18-072320	7/23/2020	<0.006	U	
		VMP-22-18-110520	11/5/2020	<0.0052	U	
	38 ft	VMP-22-38-012320	1/23/2020	<0.0057	U	
		VMP-22-38-012320-DUP	1/23/2020	<0.0057	U	
		VMP-22-38-042820	4/28/2020	<0.0055	U	
		VMP-22-38-042820-DUP	4/28/2020	0.0016	J	
		VMP-22-38-110520	11/5/2020	<0.0055	U	
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	<0.0054	U	
		VMP-23-5-042820	4/28/2020	<0.0054	U	
		VMP-23-5-072320	7/23/2020	0.0029	J	
		VMP-23-5-102920	10/29/2020	<0.0055	U	
	10 ft	VMP-23-10-012820	1/28/2020	0.0036	J	
		VMP-23-10-042820	4/28/2020	<0.0054	U	
		VMP-23-10-072320	7/23/2020	<0.0059	U	
		VMP-23-10-102920	10/29/2020	<0.0054	U	
		VMP-23-10-102920-DUP	10/29/2020	<0.0054	U	
	25 ft	VMP-23-25-012820	1/28/2020	<0.0048	U	
		VMP-23-25-012820-DUP	1/28/2020	<0.0048	U	
		VMP-23-25-042820	4/28/2020	<0.0056	U	
		VMP-23-25-042820-DUP	4/28/2020	<0.0052	U	
		VMP-23-25-072320	7/23/2020	<0.0058	U	
		VMP-23-25-102920	10/29/2020	<0.0054	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-012320	1/23/2020	<0.0064	U	
		VMP-24-5-012320-DUP	1/23/2020	<0.0056	U	
		VMP-24-5-042220	4/22/2020	<0.0057	U	
		VMP-24-5-072220	7/22/2020	<0.0054	U	
		VMP-24-5-102920	10/29/2020	<0.0056	U	
	10 ft	VMP-24-10-012320	1/23/2020	<0.0065	U	
		VMP-24-10-042220	4/22/2020	<0.0055	U	
		VMP-24-10-072220	7/22/2020	<0.0054	U	
		VMP-24-10-102920	10/29/2020	<0.0052	U	
	22 ft	VMP-24-22-012320	1/23/2020	<0.0059	U	
		VMP-24-22-042220	4/22/2020	<0.0055	U	
		VMP-24-22-042220-DUP	4/22/2020	<0.0057	U	
		VMP-24-22-072220	7/22/2020	<0.0051	U	
		VMP-24-22-102920	10/29/2020	<0.0052	U	
	34 ft	VMP-24-34-012320	1/23/2020	<0.0061	U	
		VMP-24-34-042220	4/22/2020	<0.0055	U	
		VMP-24-34-072220	7/22/2020	<0.0056	U	
		VMP-24-34-102920	10/29/2020	<0.0056	U	
		VMP-24-34-102920-DUP	10/29/2020	<0.0056	U	
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	<0.0082	U	
		VMP-32-5-042920	4/29/2020	<0.0059	U	
		VMP-32-5-072920	7/29/2020	<0.0057	U	
		VMP-32-5-110420	11/4/2020	<0.0056	U	
	10 ft	VMP-32-10-012820	1/28/2020	<0.0058	U	
		VMP-32-10-042920	4/29/2020	<0.0059	U	
		VMP-32-10-072920	7/29/2020	<0.0057	U	
		VMP-32-10-110420	11/4/2020	<0.0052	U	
	20 ft	VMP-32-20-012820	1/28/2020	<0.0058	U	
		VMP-32-20-042920	4/29/2020	<0.006	U	
		VMP-32-20-072920	7/29/2020	<0.0054	U	
		VMP-32-20-110420	11/4/2020	<0.0056	U	
	30 ft	VMP-32-30-012820	1/28/2020	<0.0063	U	
		VMP-32-30-072920	7/29/2020	<0.0058	U	
		VMP-32-30-110420	11/4/2020	0.0014	J	
		VMP-32-30-110420-DUP	11/4/2020	<0.0061	U	
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	<0.0064	U	
		VMP-42-10-042920	4/29/2020	<0.0064	U	
		VMP-42-10-072820	7/28/2020	<0.0054	U	
		VMP-42-10-110520	11/5/2020	<0.0052	U	
	20 ft	VMP-42-20-012720	1/27/2020	<0.0062	U	
		VMP-42-20-042920	4/29/2020	<0.006	U	
		VMP-42-20-042920-DUP	4/29/2020	<0.0056	U	
		VMP-42-20-072820	7/28/2020	<0.0053	U	
		VMP-42-20-110520	11/5/2020	<0.0052	U	
	30 ft	VMP-42-30-012720	1/27/2020	<0.0062	U	
		VMP-42-30-042920	4/29/2020	<0.0068	U	
		VMP-42-30-072820	7/28/2020	<0.0052	U	
		VMP-42-30-110520	11/5/2020	<0.0055	U	
		VMP-42-30-110520-DUP	11/5/2020	<0.0054	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012720	1/27/2020	<0.0052	U	
		VMP-43-10-043020	4/30/2020	<0.0058	U	
		VMP-43-10-072820	7/28/2020	<0.0057	U	
		VMP-43-10-110320	11/3/2020	<0.0057	U	
	20 ft	VMP-43-20-012720	1/27/2020	<0.0059	U	
		VMP-43-20-043020	4/30/2020	<0.006	U	
		VMP-43-20-072820	7/28/2020	<0.0059	U	
		VMP-43-20-110320	11/3/2020	<0.0055	U	
	30 ft	VMP-43-30-012720	1/27/2020	<0.0057	U	
		VMP-43-30-043020	4/30/2020	<0.0056	U	
		VMP-43-30-072820	7/28/2020	<0.0057	U	
		VMP-43-30-110320	11/3/2020	<0.0054	U	
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	<0.0064	U	
		VMP-44-10-043020	4/30/2020	<0.005	U	
		VMP-44-10-072820	7/28/2020	<0.0052	U	
	20 ft	VMP-44-20-012720	1/27/2020	<0.0062	U	
		VMP-44-20-043020	4/30/2020	<0.0054	U	
		VMP-44-20-072820	7/28/2020	<0.0055	U	
	30 ft	VMP-44-30-012720	1/27/2020	<0.0052	U	
		VMP-44-30-012720-DUP	1/27/2020	<0.0053	U	
		VMP-44-30-043020	4/30/2020	<0.0055	U	
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	0.0044	J	
		VMP-45-10-042720	4/27/2020	<0.0058	U	
		VMP-45-10-072820	7/28/2020	<0.0059	U	
		VMP-45-10-110520	11/5/2020	<0.0057	U	
	20 ft	VMP-45-20-012720	1/27/2020	<0.0054	U	
		VMP-45-20-042720	4/27/2020	<0.0054	U	
		VMP-45-20-072820	7/28/2020	<0.0059	U	
		VMP-45-20-110520	11/5/2020	<0.0054	U	
	30 ft	VMP-45-30-012720	1/27/2020	<0.006	U	
		VMP-45-30-042720	4/27/2020	<0.0051	U	
		VMP-45-30-072820	7/28/2020	<0.0064	U	
		VMP-45-30-110520	11/5/2020	<0.0052	U	
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	<0.0065	U	
		VMP-47-5-012920-DUP	1/29/2020	<0.0062	U	
		VMP-47-5-042820	4/28/2020	<0.0061	U	
		VMP-47-5-072720	7/27/2020	<0.0054	U	
		VMP-47-5-110220	11/2/2020	<0.0053	U	
	10 ft	VMP-47-10-012920	1/29/2020	<0.0059	U	
		VMP-47-10-042820	4/28/2020	<0.006	U	
		VMP-47-10-042820-DUP	4/28/2020	<0.0061	U	
		VMP-47-10-072720	7/27/2020	<0.0051	U	
		VMP-47-10-072720-DUP	7/27/2020	<0.0052	U	
		VMP-47-10-110220	11/2/2020	<0.005	U	
	20 ft	VMP-47-20-012920	1/29/2020	<0.0056	U	
		VMP-47-20-042820	4/28/2020	<0.0058	U	
		VMP-47-20-072720	7/27/2020	<0.0051	U	
		VMP-47-20-110220	11/2/2020	<0.0057	U	
	30 ft	VMP-47-30-012920	1/29/2020	<0.0062	U	
		VMP-47-30-042820	4/28/2020	<0.0058	U	
		VMP-47-30-072720	7/27/2020	<0.0053	U	
		VMP-47-30-110220	11/2/2020	<0.005	U	
		VMP-47-30-110220-DUP	11/2/2020	<0.0049	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012920	1/29/2020	<0.0063	U	
		VMP-48-5-042420	4/24/2020	<0.0064	U	
		VMP-48-5-073020	7/30/2020	<0.0049	U	
		VMP-48-5-110220	11/2/2020	<0.005	U	
	10 ft	VMP-48-10-012920	1/29/2020	<0.0063	U	
		VMP-48-10-042420	4/24/2020	<0.0059	U	
		VMP-48-10-073020	7/30/2020	<0.0056	U	
		VMP-48-10-073020-DUP	7/30/2020	<0.0052	U	
		VMP-48-10-110220	11/2/2020	0.00069	J	
	20 ft	VMP-48-20-110220	11/2/2020	<0.0054	U	
	30 ft	VMP-48-30-012920	1/29/2020	<0.0062	U	
		VMP-48-30-073020	7/30/2020	<0.0055	U	
		VMP-48-30-110220	11/2/2020	<0.0054	U	
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	<0.0053	U	
		VMP-49-5-042920	4/29/2020	<0.0064	U	
		VMP-49-5-072420	7/24/2020	<0.0054	U	
		VMP-49-5-072420-DUP	7/24/2020	<0.0058	U	
		VMP-49-5-110420	11/4/2020	<0.0056	U	
	10 ft	VMP-49-10-012220	1/22/2020	<0.0063	U	
		VMP-49-10-042920	4/29/2020	<0.0053	U	
		VMP-49-10-072420	7/24/2020	<0.0061	U	
		VMP-49-10-110420	11/4/2020	<0.0057	U	
	20 ft	VMP-49-20-012220	1/22/2020	<0.0058	U	
		VMP-49-20-042920	4/29/2020	<0.0053	U	
		VMP-49-20-042920-DUP	4/29/2020	<0.0056	U	
		VMP-49-20-072420	7/24/2020	<0.0052	U	
		VMP-49-20-110420	11/4/2020	<0.0055	U	
	30 ft	VMP-49-30-012220	1/22/2020	<0.0056	U	
		VMP-49-30-042920	4/29/2020	<0.0055	U	
		VMP-49-30-072420	7/24/2020	<0.0056	U	
		VMP-49-30-110420	11/4/2020	<0.44	U	
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	<0.006	U	
		VMP-50-5-042820	4/28/2020	<0.0058	U	
		VMP-50-5-072720	7/27/2020	<0.0056	U	
		VMP-50-5-110520	11/5/2020	<0.005	U	
	10 ft	VMP-50-10-012820	1/28/2020	<0.0061	U	
		VMP-50-10-042820	4/28/2020	<0.006	U	
		VMP-50-10-072720	7/27/2020	<0.0051	U	
		VMP-50-10-110520	11/5/2020	<0.0052	U	
	20 ft	VMP-50-20-012820	1/28/2020	<0.006	U	
		VMP-50-20-042820	4/28/2020	<0.0056	U	
		VMP-50-20-072720	7/27/2020	<0.0053	U	
		VMP-50-20-110520	11/5/2020	<0.0054	U	
		VMP-50-20-110520-DUP	11/5/2020	<0.0057	U	
	30 ft	VMP-50-30-012820	1/28/2020	<0.12	U	
		VMP-50-30-042820	4/28/2020	0.027	J	
		VMP-50-30-072720	7/27/2020	<0.054	U	
		VMP-50-30-110520	11/5/2020	<0.011	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012820	1/28/2020	<0.0061	U	
		VMP-51-5-012820-DUP	1/28/2020	<0.006	U	
		VMP-51-5-042720	4/27/2020	<0.0052	U	
		VMP-51-5-072320	7/23/2020	<0.0052	U	
		VMP-51-5-103020	10/30/2020	<0.0055	U	
	10 ft	VMP-51-10-012820	1/28/2020	<0.006	U	
		VMP-51-10-042720	4/27/2020	<0.0056	U	
		VMP-51-10-072320	7/23/2020	0.00054	J	
		VMP-51-10-103020	10/30/2020	<0.0056	U	
	20 ft	VMP-51-20-022120	2/21/2020	<0.0052	U	
		VMP-51-20-042720	4/27/2020	<0.0057	U	
		VMP-51-20-072320	7/23/2020	<0.0057	U	
		VMP-51-20-103020	10/30/2020	<0.0057	U	
	30 ft	VMP-51-30-012820	1/28/2020	<0.0058	U	
		VMP-51-30-042720	4/27/2020	<0.0051	U	
		VMP-51-30-072320	7/23/2020	<0.0053	U	
		VMP-51-30-103020	10/30/2020	<0.0059	U	
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	<0.0063	U	
		VMP-52-5-042720	4/27/2020	<0.005	U	
		VMP-52-5-072320	7/23/2020	<0.0051	U	
		VMP-52-5-072320-DUP	7/23/2020	<0.0054	U	
		VMP-52-5-102920	10/29/2020	<0.0056	U	
	10 ft	VMP-52-10-042720	4/27/2020	<0.0052	U	
		VMP-52-10-102920	10/29/2020	<0.0052	U	
	20 ft	VMP-52-20-012320	1/23/2020	<0.0053	U	
		VMP-52-20-042720	4/27/2020	<0.0056	U	
		VMP-52-20-072320	7/23/2020	<0.0059	U	
		VMP-52-20-102920	10/29/2020	<0.0052	U	
	30 ft	VMP-52-30-012320	1/23/2020	<0.006	U	
		VMP-52-30-042720	4/27/2020	<0.0054	U	
		VMP-52-30-042720-DUP	4/27/2020	<0.0055	U	
		VMP-52-30-072320	7/23/2020	<0.0058	U	
		VMP-52-30-102920	10/29/2020	<0.0052	U	
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	<0.0061	U	
		VMP-53-5-042220	4/22/2020	<0.0056	U	
		VMP-53-5-072220	7/22/2020	<0.0052	U	
		VMP-53-5-102820	10/28/2020	<0.0056	U	
	10 ft	VMP-53-10-012220	1/22/2020	<0.0051	U	
		VMP-53-10-042220	4/22/2020	<0.0055	U	
		VMP-53-10-072220	7/22/2020	<0.0058	U	
		VMP-53-10-102820	10/28/2020	<0.005	U	
	20 ft	VMP-53-20-012220	1/22/2020	<0.0054	U	
		VMP-53-20-042220	4/22/2020	<0.0056	U	
		VMP-53-20-072220	7/22/2020	<0.0056	U	
		VMP-53-20-102820	10/28/2020	<0.0054	U	
	30 ft	VMP-53-30-012220	1/22/2020	<0.0056	U	
		VMP-53-30-012220-DUP	1/22/2020	<0.0057	U	
		VMP-53-30-042220	4/22/2020	<0.0058	U	
		VMP-53-30-072220	7/22/2020	<0.0053	U	
		VMP-53-30-102820	10/28/2020	<0.0052	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-012220	1/22/2020	<0.0073	U	
		VMP-54-5-042720	4/27/2020	0.0016	J	
		VMP-54-5-052120	5/21/2020	0.0027	J	
		VMP-54-5-072220	7/22/2020	<0.0055	U	
		VMP-54-5-102820	10/28/2020	<0.0053	U	
	10 ft	VMP-54-10-031220	3/12/2020	<0.0054	U	
		VMP-54-10-042720	4/27/2020	<0.0058	U	
		VMP-54-10-072220	7/22/2020	<0.0058	U	
		VMP-54-10-102820	10/28/2020	<0.0054	U	
	20 ft	VMP-54-20-012220	1/22/2020	<0.0056	U	
		VMP-54-20-042720	4/27/2020	<0.0055	U	
		VMP-54-20-072220	7/22/2020	<0.0057	U	
		VMP-54-20-102820	10/28/2020	<0.0056	U	
	30 ft	VMP-54-30-012220	1/22/2020	<0.0066	U	
		VMP-54-30-042720	4/27/2020	<0.0057	U	
		VMP-54-30-072220	7/22/2020	<0.0057	U	
		VMP-54-30-102820	10/28/2020	<0.0052	U	
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	<0.0061	U	
		VMP-56-10-042420	4/24/2020	<0.0057	U	
		VMP-56-10-072320	7/23/2020	0.00068	J	
		VMP-56-10-072320-DUP	7/23/2020	<0.006	U	
		VMP-56-10-110320	11/3/2020	<0.0054	U	
	25 ft	VMP-56-25-012220	1/22/2020	<0.0056	U	
		VMP-56-25-042420	4/24/2020	<0.006	U	
		VMP-56-25-072320	7/23/2020	<0.0054	U	
		VMP-56-25-110320	11/3/2020	<0.0056	U	
		VMP-56-25-110320-DUP	11/3/2020	<0.0056	U	
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	<0.0052	U	
		VMP-62-5-042820	4/28/2020	<0.0059	U	
		VMP-62-5-072720	7/27/2020	<0.0053	U	
		VMP-62-5-102920	10/29/2020	<0.0052	U	
	10 ft	VMP-62-10-012920	1/29/2020	<0.0055	U	
		VMP-62-10-042820	4/28/2020	<0.0065	U	
		VMP-62-10-072720	7/27/2020	<0.0049	U	
		VMP-62-10-102920	10/29/2020	<0.0052	U	
	20 ft	VMP-62-20-012920	1/29/2020	<0.0062	U	
		VMP-62-20-042820	4/28/2020	<0.0059	U	
		VMP-62-20-042820-DUP	4/28/2020	<0.0059	U	
		VMP-62-20-072720	7/27/2020	<0.005	U	
		VMP-62-20-102920	10/29/2020	<0.0055	U	
	30 ft	VMP-62-30-012920	1/29/2020	<0.0058	U	
		VMP-62-30-042820	4/28/2020	<0.0063	U	
		VMP-62-30-072720	7/27/2020	<0.0051	U	
		VMP-62-30-102920	10/29/2020	<0.0054	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				120		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012720	1/27/2020	<0.0058	U	
		VMP-63-5-012720-DUP	1/27/2020	<0.0062	U	
		VMP-63-5-042420	4/24/2020	<0.0052	U	
		VMP-63-5-072820	7/28/2020	<0.0054	U	
		VMP-63-5-110320	11/3/2020	<0.0054	U	
	10 ft	VMP-63-10-012720	1/27/2020	<0.0052	U	
		VMP-63-10-042420	4/24/2020	<0.0058	U	
		VMP-63-10-072820	7/28/2020	<0.0058	U	
		VMP-63-10-110320	11/3/2020	<0.005	U	
	20 ft	VMP-63-20-012720	1/27/2020	<0.0059	U	
		VMP-63-20-042420	4/24/2020	<0.0052	U	
		VMP-63-20-072820	7/28/2020	<0.0053	U	
		VMP-63-20-110320	11/3/2020	<0.0055	U	
	30 ft	VMP-63-30-012720	1/27/2020	<0.006	U	
		VMP-63-30-042420	4/24/2020	<0.0055	U	
		VMP-63-30-072820	7/28/2020	<0.0053	U	
		VMP-63-30-072820-DUP	7/28/2020	<0.005	U	
		VMP-63-30-110320	11/3/2020	<0.0052	U	
		VMP-63-30-110320-DUP	11/3/2020	<0.0052	U	
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	<0.0059	U	
		VMP-64-5-042420	4/24/2020	<0.0055	U	
		VMP-64-5-072420	7/24/2020	<0.0053	U	
		VMP-64-5-103020	10/30/2020	<0.005	U	
	10 ft	VMP-64-10-012820	1/28/2020	<0.0058	U	
		VMP-64-10-042420	4/24/2020	<0.005	U	
		VMP-64-10-072420	7/24/2020	<0.0054	U	
		VMP-64-10-103020	10/30/2020	<0.0055	U	
	20 ft	VMP-64-20-012820	1/28/2020	<0.0063	U	
		VMP-64-20-042420	4/24/2020	<0.0054	U	
		VMP-64-20-042420-DUP	4/24/2020	<0.0053	U	
		VMP-64-20-072420	7/24/2020	<0.0054	U	
		VMP-64-20-072420-DUP	7/24/2020	<0.0054	U	
		VMP-64-20-103020	10/30/2020	<0.005	U	

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

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

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

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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 ft	VMP-10-5-012420	1/24/2020	0.014	J	J	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-10-5-042320	4/23/2020	0.004	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-10-5-073020	7/30/2020	0.013	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.002	J		<0.016	U	
		VMP-10-5-103020	10/30/2020	<0.029	J	U	<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.015	U	
	10 ft	VMP-10-10-012420	1/24/2020	0.0065	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-10-10-042320	4/23/2020	0.014	J		0.022			<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-10-10-073020	7/30/2020	0.028	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0067	J		0.0058	J	
		VMP-10-10-103020	10/30/2020	<0.03	J	U	0.0009	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	VMP-10-20-012420	1/24/2020	0.007	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-10-20-042320	4/23/2020	0.012	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-10-20-073020	7/30/2020	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0023	J		<0.016	U	
		VMP-10-20-103020	10/30/2020	0.016	J		0.00041	J		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0033	J		0.048		
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	0.0099	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.018	U	
		VMP-11-5-042720	4/27/2020	0.057			0.26			<0.0086	U		<0.013	U		<0.05	U		0.0048	J		0.006	J		<0.016	U	
		VMP-11-5-102820	10/28/2020	<0.029	J	U	0.0004	J		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	8 ft	VMP-11-8-012920	1/29/2020	0.0074	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-8-042720	4/27/2020	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0018	J		<0.015	U	
		VMP-11-8-072720	7/27/2020	0.019	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.012	U		0.0025	J		0.0021	J	
		VMP-11-8-072720-DUP	7/27/2020	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-11-8-102820	10/28/2020	0.019	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		<0.014	U		<0.015	U	
	29 ft	VMP-11-29-012920	1/29/2020	0.0072	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-29-042720	4/27/2020	0.021	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		0.0016	J		0.0021	J		<0.016	U	
		VMP-11-29-042720-DUP	4/27/2020	0.018	J		0.03			<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0024	J		0.0023	J	
		VMP-11-29-072720	7/27/2020	0.023	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0083	J		0.0031	J		<0.015	U	
		VMP-11-29-102820	10/28/2020	<0.029	J	U	<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
	38 ft	VMP-11-38-012920	1/29/2020	0.0052	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-11-38-042720	4/27/2020	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.0013	J		<0.015	U	
		VMP-11-38-072720	7/27/2020	0.039			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0079	J		0.0021	J	
		VMP-11-38-102820	10/28/2020	0.071			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		0.009	J		0.0034	J		<0.015	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.032	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-12-5-042920	4/29/2020	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-12-5-072920	7/29/2020	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		0.0033	J		<0.015	U	
		VMP-12-5-110420	11/4/2020	0.014	J		0.00082	J		<0.0084	U		<0.013	U		<0.049	U		0.11			0.0016	J		<0.016	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.012	U		<0.014	U		<0.015	U	
		VMP-12-11.5-042920	4/29/2020	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-12-11.5-072920	7/29/2020	0.018	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		0.0017	J		<0.015	U		0.0019	J	
		VMP-12-11.5-110420	11/4/2020	<0.03	J	U	0.00038	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	25 ft	VMP-12-25-012920	1/29/2020	0.0053	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		0.39			<0.015	U		<0.016	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.028	U		0.0014	J		<0.008	U		<0.012	U		<0.047	U		0.39			<0.014	U		<0.015	U	
		VMP-12-25-042920	4/29/2020	0.005	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		<0.013	U		<0.014	U	
		VMP-12-25-072920	7/29/2020	1	J		2.1			<2.5	U		<3.9	U		<15	U		140			<4.4	U		<4.7	U	
		VMP-12-25-072920-DUP	7/29/2020	1.2	J		2.1			<2.4	U		<3.7	U		<14	U		140			<4.2	U		0.6	J	
		VMP-12-25-110420	11/4/2020	<1.2	U		<0.41	U		<0.86	U		<1.3	U		<2	U		91			<1.5	U		<1.6	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.034	ND,UJ	UJ	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-13-5-012420-DUP	1/24/2020	0.0094	J	J	<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		0.0043	J		<0.017	U		<0.018	U	
		VMP-13-5-042320	4/23/2020	0.027	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0069	J		0.0019	J	
		VMP-13-5-073020	7/30/2020	0.026	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		0.011	J		0.004	J		<0.016	U	
		VMP-13-5-110220	11/2/2020	0.019	J		0.00033	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		0.0018	J		<0.015	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.035	ND,UJ	UJ	<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-13-10.5-042320	4/23/2020	0.054		J	0.0012	J		<0.008	U		<0.012	U		<0.046	U		0.0022	J		0.003	J		<0.015	U	
		VMP-13-10.5-073020	7/30/2020	0.02	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0032	J		<0.016	U	
		VMP-13-10.5-110220	11/2/2020	0.015	J		0.00034	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	0.0053	J	J	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-13-21.5-042320	4/23/2020	0.0058	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-13-21.5-073020	7/30/2020	0.0079	J		0.0012	J		<0.0083	U		<0.013	U		<0.048	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-13-21.5-110220	11/2/2020	0.014	J		0.0005	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		0.0026	J		<0.016	U	
		VMP-13-21.5-110220-DUP	11/2/2020	0.016	J		0.00041	J		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		<0.015	U		<0.016	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	U	
		VMP-13-29.5-073020	7/30/2020	0.023	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		0.0016	J		<0.016	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.034	ND,UJ	UJ	<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-14-5-042320	4/23/2020	0.0099	J	J	<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		<0.014	U	
		VMP-14-5-073020	7/30/2020	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.0015	J		<0.016	U	
		VMP-14-5-110220	11/2/2020	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		0.0022	J		<0.015	J	U
	11.5 ft	VMP-14-11.5-012820	1/28/2020	0.0071	J	J	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-11.5-042320	4/23/2020	0.016	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-14-11.5-073020	7/30/2020	0.0072	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		0.0021	J		<0.015	U		0.0047	J	
		VMP-14-11.5-073020-DUP	7/30/2020	0.02	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		0.0026	J		<0.018	U	
		VMP-14-11.5-110220	11/2/2020	0.037			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.012	U		0.0046	J		<0.016	U	
	20 ft	VMP-14-20-042320	4/23/2020	0.015	J	J	0.0037	J		<0.0088	U		<0.014	U		<0.051	U		0.0049	J		<0.016	U		<0.016	U	
		VMP-14-20-073020	7/30/2020	0.016	J		0.0014	J		<0.0086	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-14-20-110220	11/2/2020	0.019	J		0.0011	J		<0.0081	U		<0.012	U		<0.047	U		0.0067	J		0.0016	J		<0.015	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.034	U		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-15-5-042820	4/28/2020	0.0088	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-15-5-072820	7/28/2020	0.026	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-15-5-110320	11/3/2020	0.06			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		0.0016	J		0.0024	J	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.034	U		0.00095	J		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-15-21.5-042820	4/28/2020	0.019	J		0.0029	J		<0.0094	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.018	U	
		VMP-15-21.5-072820	7/28/2020	<0.32	U		<0.043	U		<0.09	U		<0.14	U		<0.52	U		<0.13	U		<0.16	U		<0.17	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.31	U		<0.042	U		<0.088	U		<0.14	U		<0.51	U		0.09	J		<0.16	U		<0.16	U	
		VMP-15-21.5-110320	11/3/2020	0.022	J		0.0016	J		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.015	U		<0.016	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.081	U		0.0075	J		<0.023	U		<0.035	U		<0.13	U		0.11			<0.04	U		<0.042	U	
		VMP-15-25.5-042820	4/28/2020	<0.43	U		0.01	J		<0.12	U		<0.19	U		<0.7	U		0.12	J		<0.21	U		<0.22	U	
		VMP-15-25.5-110320	11/3/2020	0.066	J		0.01	J		<0.035	U		<0.054	U		<0.2	U		0.056			<0.061	U		<0.065	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		0.0033	J		<0.015	U		<0.016	U	
		VMP-16-5-012920-DUP	1/29/2020	0.0073	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		0.0031	J		<0.014	U		<0.015	U	
		VMP-16-5-042920	4/29/2020	0.0087	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.01	U		0.0017	J		<0.014	U	
		VMP-16-5-072920	7/29/2020	0.022	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		0.071			0.0026	J		0.0028	J	
		VMP-16-5-110420	11/4/2020	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.012	U		0.0026	J		<0.015	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<1.5	U		<0.51	U		<1.1	U		<1.6	U		<2.5	U		27		J	<1.9	U		<2	U	
		VMP-16-13.5-042920	4/29/2020	<0.82	U		0.54		J	<0.58	U		<0.89	U		<1.3	U		3.6		J	<1	U		<1.1	U	
		VMP-16-13.5-072920	7/29/2020	10	J		1.8	J		<13	U		<20	U		<75	U		300			<23	U		2.9	J	
		VMP-16-13.5-110420	11/4/2020	<0.57	U		<0.19	U		<0.4	U		<0.62	U		<0.94	U		11		J	<0.71	U		<0.75	U	
	19 ft	VMP-16-19-012920	1/29/2020	<2.9	U		<0.99	U		<2.1	U		<3.2	U		<4.8	U		40			<3.6	U		<3.9	U	
		VMP-16-19-042920	4/29/2020	<1.8	U		1.4		J	<1.3	U		<2	U		<3	U		26		J	<2.3	U		<2.4	U	
		VMP-16-19-072920	7/29/2020	9.9	J		<5.5	U		<12	U		<18	U		<67	U		260			<20	U		<21	U	
		VMP-16-19-110420	11/4/2020	<2.4	U		<0.82	U		<1.7	U		<2.7	U		<4	U		150			<3	U		<3.2	U	
	31 ft	VMP-16-31-012920	1/29/2020	<3	U		<0.99	U		<2.1	U		<3.2	U		<4.8	U		87		J	<3.7	U		<3.9	U	
		VMP-16-31-042920	4/29/2020	<2.9	U		1.8		J	<2.1	U		<3.2	U		<4.8	U		68		J	<3.6	U		<3.8	U	
		VMP-16-31-072920	7/29/2020	15	J		<10	U		<22	U		<34	U		<130	U		250			<38	U		<41	U	
		VMP-16-31-110420	11/4/2020	<6.1	U		<2.1	U		<4.3	U		<6.7	U		<10	U		190			<7.6	U		<8	U	
		VMP-16-31-110420-DUP	11/4/2020	<5.6	U		<1.9	U		<4	U		<6.2	U		<9.2	U		190			<7	U		<7.4	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	0.0087	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-17-5-042820	4/28/2020	0.023	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-17-5-072220	7/22/2020	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-17-5-110320	11/3/2020	0.018	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.012	U		<0.016	U		<0.016	J	U
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	0.0051	J		0.0015	J		<0.0082	U		<0.013	U		<0.047	U		0.02			<0.014	U		<0.015	U	
		VMP-25-5-012820-DUP	1/28/2020	0.005	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		0.018			<0.015	U		<0.016	U	
		VMP-25-5-042320	4/23/2020	0.017	J	J	0.0085			<0.0097	U		<0.015	U		<0.056	U		0.25			<0.017	U		<0.018	U	
		VMP-25-5-042320-DUP	4/23/2020	0.067			0.0083			<0.0087	U		<0.013	U		<0.05	U		0.21			<0.015	U		<0.016	U	
		VMP-25-5-072320	7/23/2020	0.013	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0058	J		<0.015	U		<0.016	U	
		VMP-25-5-072320-DUP	7/23/2020	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		0.0053	J		<0.015	U		0.002	J	
		VMP-25-5-103020	10/30/2020	<0.029	J	U	0.0026	J		<0.0082	U		<0.013	U		<0.048	U		0.15			<0.014	U		<0.015	U	
		VMP-25-5-103020-DUP	10/30/2020	<0.03	J	U	0.0027	J		<0.0085	U		<0.013	U		<0.049	U		0.16			<0.015	U		<0.016	U	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.032	U		0.0051			<0.0089	U		<0.014	U		<0.052	U		<0.013	U		<0.016	U		<0.016	U	
		VMP-29-10-042320	4/23/2020	0.013	J	J	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.011	U		<0.014	U		0.0026	J	
		VMP-29-10-072720	7/27/2020	0.11			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.39			0.023		
		VMP-29-10-110220	11/2/2020	0.017	J		0.00048	J		<0.0081	U		<0.012	U		<0.047	U		0.023			0.002	J		<0.015	U	
	18 ft	VMP-29-18-012420	1/24/2020	0.061			<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.014	U		0.1			0.0038	J	
		VMP-29-18-042320	4/23/2020	0.038		J	<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		0.093			0.0033	J	
		VMP-29-18-072720	7/27/2020	0.33			0.007			<0.0084	U		<0.013	U		<0.049	U		<0.012	U		1			0.027		
		VMP-29-18-110220	11/2/2020	0.1			0.00088	J		<0.0079	U		<0.012	U		<0.046	U		0.016			0.17			0.0049	J	
	26 ft	VMP-29-26-012420	1/24/2020	0.013	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		0.015	J		0.01	J	
		VMP-29-26-042320	4/23/2020	0.007	J	J	<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.012	U		0.0043	J		0.0043	J	
		VMP-29-26-042320-DUP	4/23/2020	0.012	J	J	<0.0039	U		<0.0081	U		0.0022	J		<0.047	U		<0.012	U		0.004	J		0.0058	J	
		VMP-29-26-072720	7/27/2020	0.19			0.016			<0.0076	U		<0.012	U		<0.044	U		<0.011	U		0.73			0.058		
		VMP-29-26-110220	11/2/2020	0.02	J		0.00075	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.011	J		0.049		
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	0.019	J		0.015			<0.0085	U		<0.013	U		<0.049	U		<0.012	U		0.035			0.0039	J	
		VMP-30-10-042320	4/23/2020	0.02	J	J	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.028			0.0044	J	
		VMP-30-10-072720	7/27/2020	0.035			<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.011	U		0.0064	J		0.0044	J	
		VMP-30-10-110220	11/2/2020	0.04			0.00086	J		<0.0079	U		<0.012	U		<0.046	U		0.011	J		0.042			0.0035	J	
	18 ft	VMP-30-18-012420	1/24/2020	0.011	J		0.0027	J		<0.0099	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		0.0035	J	
		VMP-30-18-042320	4/23/2020	0.0098	J		0.0016	J		<0.0081	U		<0.012	U		0.0045	J		<0.012	U		0.0067	J		0.0042	J	
		VMP-30-18-072720	7/27/2020	3.4			0.007	J		<0.034	U		<0.053	U		<0.2	U		<0.049	U		10			0.23		
		VMP-30-18-110220	11/2/2020	0.016	J		0.0022	J		<0.0078	U		<0.012	U		<0.045	U		0.013			0.01	J		0.0047	J	
	26 ft	VMP-30-26-012420	1/24/2020	0.02	J		0.0073			<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.016	J		0.03		
		VMP-30-26-042320	4/23/2020	0.011	J		0.0024	J		<0.0075	U		<0.012	U		<0.043	U		<0.011	U		0.0072	J		0.0071	J	
		VMP-30-26-072720	7/27/2020	0.064			0.0012	J		<0.008	U		<0.012	U		<0.046	U		<0.011	U		0.15			0.11		
		VMP-30-26-110220	11/2/2020	0.04			0.004			<0.0082	U		<0.013	U		<0.048	U		0.011	J		0.016			0.01	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			Butane			2-Butanone			Carbon disulfide		
				750000			2.8			450000			52			42						40000			5300		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-41	10 ft	VMP-41-10-012420	1/24/2020	<0.031	U		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
		VMP-41-10-042320	4/23/2020	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
		VMP-41-10-072920	7/29/2020	0.018	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.013	U		0.002	J		<0.017	U	
		VMP-41-10-072920-DUP	7/29/2020	0.011	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.013	U		0.0022	J		0.0027	J	
		VMP-41-10-103020	10/30/2020	<0.031	J	U	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.012	U		<0.015	U		<0.016	U	
	20 ft	VMP-41-20-012420	1/24/2020	0.0055	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.013	U		<0.016	U		<0.017	U	
		VMP-41-20-042320	4/23/2020	0.014	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		0.0056	J		<0.016	U		<0.017	U	
		VMP-41-20-072920	7/29/2020	0.0068	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		0.0039	J		0.0018	J		0.0029	J	
		VMP-41-20-103020	10/30/2020	<0.028	J	U	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		0.0028	J		<0.015	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.035	U		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-41-26-012420-DUP	1/24/2020	0.0078	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.014	U		<0.017	U		<0.018	U	
		VMP-41-26-042320	4/23/2020	0.013	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.013	U		<0.017	U		<0.018	U	
		VMP-41-26-103020	10/30/2020	<0.028	J	U	<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.011	U		<0.014	U		<0.015	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.7	U		<0.095	U		<0.2	U		<0.31	U		<1.2	U		0.53			<0.35	U		<0.37	U	
		VMP-55-20-042820	4/28/2020	0.055	J		0.0046	J		<0.046	U		<0.072	U		<0.27	U		<0.066	U		<0.082	U		<0.086	U	
		VMP-55-20-072820	7/28/2020	0.045			0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.014	U		0.0036	J		0.0021	J	
		VMP-55-20-110320	11/3/2020	1.3	J		0.1	J		<0.43	U		0.12	J		<2.5	U		<0.61	U		<0.75	U		0.12	J	

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				1.5			420			57000						0.92											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U	
		VMP-10-5-042320	4/23/2020	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-10-5-073020	7/30/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-10-5-103020	10/30/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-10-10-042320	4/23/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U	
		VMP-10-10-073020	7/30/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-10-10-103020	10/30/2020	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
	20 ft	VMP-10-20-012420	1/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-10-20-042320	4/23/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-10-20-073020	7/30/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		0.00052	J	
		VMP-10-20-103020	10/30/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0011	J		<0.027	U		<0.0067	U		<0.0045	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U		<0.0048	U	
		VMP-11-5-042720	4/27/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.00075	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-11-5-102820	10/28/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U	UJ	<0.0069	U		<0.0046	U	
		VMP-11-8-042720	4/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-11-8-072720	7/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0024	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0022	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-11-8-102820	10/28/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0039	J		<0.029	U	UJ	<0.0072	U		<0.0048	U	
		VMP-11-29-042720	4/27/2020	<0.0083	U		0.00062	J		<0.011	U		<0.014	U		0.00092	J		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-11-29-072720	7/27/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0046	J		<0.026	U		<0.0064	U		0.0019	J	
		VMP-11-29-102820	10/28/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-11-38-042720	4/27/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-11-38-072720	7/27/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U		<0.0042	U	
		VMP-11-38-102820	10/28/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0042	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U		<0.0047	U	
		VMP-12-5-042920	4/29/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-12-5-072920	7/29/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0024	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-12-5-110420	11/4/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		0.014		
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0063	U		<0.0042	U	
		VMP-12-11.5-042920	4/29/2020	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-12-11.5-072920	7/29/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		<0.0044	U	
		VMP-12-11.5-110420	11/4/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U		<0.0044	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U		<0.0041	U	
		VMP-12-25-042920	4/29/2020	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U		<0.0038	U	
		VMP-12-25-072920	7/29/2020	<2.4	U		<1.7	U		<3.2	U		<4	U		<1.8	U		<7.8	U		<2	U		<1.3	U	
		VMP-12-25-072920-DUP	7/29/2020	<2.2	U		<1.6	U		<3	U		<3.8	U		<1.8	U		<7.4	U		<1.8	U		<1.2	U	
		VMP-12-25-110420	11/4/2020	<0.81	U		<0.59	U		<1.1	U		<1.4	U		<0.63	U		<1.1	U		<0.67	U		2.1		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				1.5			420			57000						0.92											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U		<0.0049	U	
		VMP-13-5-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-13-5-073020	7/30/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0069	U		0.0008	J	
		VMP-13-5-110220	11/2/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.00038	J		<0.026	U		<0.0064	U		<0.0043	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U	
		VMP-13-10.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-13-10.5-073020	7/30/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-13-10.5-110220	11/2/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0011	J		<0.024	U		<0.0062	U		<0.0041	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		<0.0047	U	
		VMP-13-21.5-042320	4/23/2020	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-13-21.5-073020	7/30/2020	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.00063	J		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-13-21.5-110220	11/2/2020	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.00096	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.001	J		<0.026	U		<0.0066	U		<0.0044	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
		VMP-13-29.5-073020	7/30/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U	
		VMP-14-5-042320	4/23/2020	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-14-5-073020	7/30/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.00097	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-14-5-110220	11/2/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-14-11.5-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-14-11.5-073020	7/30/2020	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		<0.0043	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.00095	J		<0.029	U		<0.0073	U		<0.0049	U	
		VMP-14-11.5-110220	11/2/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
	20 ft	VMP-14-20-042320	4/23/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		0.0017	J	
		VMP-14-20-073020	7/30/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-14-20-110220	11/2/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U		<0.0049	U	
		VMP-15-5-042820	4/28/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-15-5-072820	7/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-15-5-110320	11/3/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U		<0.0045	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U	
		VMP-15-21.5-042820	4/28/2020	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-15-21.5-072820	7/28/2020	<0.085	U		<0.062	U		<0.11	U		<0.14	U		<0.066	U		<0.28	U		<0.07	U		<0.046	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.27	U		<0.068	U		<0.045	U	
		VMP-15-21.5-110320	11/3/2020	<0.0082	U		0.0014	J		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U		<0.0045	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.021	U		<0.016	U		<0.029	U		<0.036	U		<0.017	U		<0.07	U		<0.018	U		<0.012	U	
		VMP-15-25.5-042820	4/28/2020	<0.11	U		<0.083	U		<0.15	U		<0.19	U		<0.088	U		<0.37	U		<0.093	U		<0.062	U	
		VMP-15-25.5-110320	11/3/2020	<0.033	U		<0.024	U		<0.044	U		<0.055	U		<0.025	U		<0.11	U	UJ	<0.027	U		<0.018	U	

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				1.5			420			57000						0.92											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-16-5-042920	4/29/2020	<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		<0.0038	U	
		VMP-16-5-072920	7/29/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		0.0011	J		<0.0045	U	
		VMP-16-5-110420	11/4/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		<0.0042	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<1	U		<0.74	U		<1.4	U		<1.7	U		<0.78	U		<1.3	U		<0.83	U		13		J
		VMP-16-13.5-042920	4/29/2020	<0.54	U		<0.4	U		<0.74	U		<0.91	U		<0.42	U		<0.71	U		<0.45	U		<0.3	U	
		VMP-16-13.5-072920	7/29/2020	<12	U		<8.9	U		<16	U		<20	U		<9.5	U		<40	U		<10	U		<6.7	U	
		VMP-16-13.5-110420	11/4/2020	<0.38	U		<0.28	U		<0.52	U		<0.64	U		<0.3	U		<0.5	U		<0.31	U		1.9		J
	19 ft	VMP-16-19-012920	1/29/2020	<2	U		<1.4	U		<2.6	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		22		
		VMP-16-19-042920	4/29/2020	<1.2	U		<0.89	U		<1.6	U		<2	U		<0.95	U		<1.6	U		<1	U		<0.67	U	
		VMP-16-19-072920	7/29/2020	<11	U		<7.9	U		<15	U		<18	U		<8.4	U		<36	U		<8.9	U		<5.9	U	
		VMP-16-19-110420	11/4/2020	<1.6	U		<1.2	U		<2.2	U		<2.7	U		<1.2	U		<2.1	U		<1.3	U		17		
	31 ft	VMP-16-31-012920	1/29/2020	<2	U		<1.4	U		<2.6	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		33		J
		VMP-16-31-042920	4/29/2020	<1.9	U		<1.4	U		<2.6	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U		<1.1	U	
		VMP-16-31-072920	7/29/2020	<20	U		<15	U		<28	U		<34	U		<16	U		<67	U		<17	U		<11	U	
		VMP-16-31-110420	11/4/2020	<4	U		<3	U		<5.5	U		<6.8	U		<3.1	U		<5.3	U		<3.3	U		28		
		VMP-16-31-110420-DUP	11/4/2020	<3.7	U		<2.7	U		<5.1	U		<6.3	U		<2.9	U		<4.9	U		<3.1	U		28		
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-17-5-042820	4/28/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0048	U	
		VMP-17-5-072220	7/22/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-17-5-110320	11/3/2020	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		<0.0045	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		0.0027	J	
		VMP-25-5-012820-DUP	1/28/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-25-5-042320	4/23/2020	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U		0.02		
		VMP-25-5-042320-DUP	4/23/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		0.015		
		VMP-25-5-072320	7/23/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0028	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0026	J		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-25-5-103020	10/30/2020	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		0.0077		
		VMP-25-5-103020-DUP	10/30/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U		0.007		
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U		<0.0046	U	
		VMP-29-10-042320	4/23/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
		VMP-29-10-072720	7/27/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00083	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-29-10-110220	11/2/2020	<0.0076	U		0.0022	J		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		<0.0042	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U		<0.0052	U	
		VMP-29-18-042320	4/23/2020	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U		<0.0038	U	
		VMP-29-18-072720	7/27/2020	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00074	J		<0.026	U		<0.0065	U		<0.0043	U	
		VMP-29-18-110220	11/2/2020	<0.0074	U		0.00051	J		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
	26 ft	VMP-29-26-012420	1/24/2020	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.014			<0.029	U		<0.0074	U		<0.0049	U	
		VMP-29-26-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.002	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0026	J		<0.025	U		0.00082	J		<0.0042	U	
		VMP-29-26-072720	7/27/2020	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.00067	J		<0.024	U		<0.0059	U		<0.0039	U	
		VMP-29-26-110220	11/2/2020	<0.0075	U		0.00057	J		<0.01	U		<0.012	U		0.002	J		<0.024	U		<0.0062	U		<0.0041	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0016	J		<0.026	U		<0.0066	U		<0.0044	U	
		VMP-30-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0016	J		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-30-10-072720	7/27/2020	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U		<0.0041	U	
		VMP-30-10-110220	11/2/2020	<0.0074	U		0.00064	J		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
	18 ft	VMP-30-18-012420	1/24/2020	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U		<0.0051	U	
		VMP-30-18-042320	4/23/2020	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0016	J		<0.025	U		<0.0063	U		<0.0042	U	
		VMP-30-18-072720	7/27/2020	<0.032	U		<0.024	U		<0.044	U		<0.054	U		<0.025	U		0.01	J		<0.027	U		<0.018	U	
		VMP-30-18-110220	11/2/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		<0.004	U	
	26 ft	VMP-30-26-012420	1/24/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-30-26-042320	4/23/2020	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0016	J		<0.023	U		<0.0058	U		<0.0038	U	
		VMP-30-26-072720	7/27/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00099	J		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-30-26-110220	11/2/2020	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U		0.00087	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			Cyclohexane		
				1.5			420			57000						0.92											
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012420	1/24/2020	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0044	U	
		VMP-41-10-042320	4/23/2020	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		<0.0041	U	
		VMP-41-10-072920	7/29/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0046	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U		<0.0048	U	
		VMP-41-10-103020	10/30/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U	
		VMP-41-20-042320	4/23/2020	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U		<0.0047	U	
		VMP-41-20-072920	7/29/2020	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		<0.0045	U	
		VMP-41-20-103020	10/30/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0069			<0.024	U		<0.0061	U		<0.004	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U		<0.005	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U		<0.0049	U	
		VMP-41-26-042320	4/23/2020	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U		<0.0049	U	
		VMP-41-26-103020	10/30/2020	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		<0.0041	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.19	U		<0.14	U		<0.25	U		<0.31	U		<0.14	U		<0.61	U		<0.15	U		<0.1	U	
		VMP-55-20-042820	4/28/2020	<0.044	U		<0.032	U		<0.059	U		<0.073	U		<0.034	U		<0.14	U		<0.036	U		<0.024	U	
		VMP-55-20-072820	7/28/2020	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		<0.005	U	
		VMP-55-20-110320	11/3/2020	0.089	J		<0.29	U		0.12	J		<0.68	U		<0.31	U		<1.3	U	UJ	0.072	J		0.15	J	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.048			1700						6800			1700			4200			0.81			1600		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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 ft	VMP-10-5-012420	1/24/2020	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0039	J		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-10-5-042320	4/23/2020	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-10-5-073020	7/30/2020	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-10-5-103020	10/30/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0049	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-10-10-042320	4/23/2020	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-10-10-073020	7/30/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-10-10-103020	10/30/2020	<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0029	J		<0.0052	U		<0.0052	U		<0.0051	U	
	20 ft	VMP-10-20-012420	1/24/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-10-20-042320	4/23/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-10-20-073020	7/30/2020	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-10-20-103020	10/30/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-11-5-042720	4/27/2020	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-11-5-102820	10/28/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-11-8-042720	4/27/2020	<0.0093	U		<0.0073	U		<0.0073	J	U	<0.0073	J	U	0.0024	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-11-8-072720	7/27/2020	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	J	U	0.0022	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-11-8-102820	10/28/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U		<0.0048	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-11-29-042720	4/27/2020	<0.01	U		<0.0079	U		<0.0079	J	U	<0.0079	J	U	0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-11-29-072720	7/27/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-11-29-102820	10/28/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U		<0.0048	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-11-38-042720	4/27/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-11-38-072720	7/27/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-11-38-102820	10/28/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-12-5-042920	4/29/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-12-5-072920	7/29/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-12-5-110420	11/4/2020	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U		<0.0048	U	
		VMP-12-11.5-042920	4/29/2020	<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-12-11.5-072920	7/29/2020	<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.002	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-12-11.5-110420	11/4/2020	<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U		<0.0051	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		<0.0048	U	
		VMP-12-25-042920	4/29/2020	<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-12-25-072920	7/29/2020	<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U		<1.5	U	
		VMP-12-25-072920-DUP	7/29/2020	<2.8	U		<2.2	U		<2.2	U		<2.2	U		<1.8	U		<1.4	U		<1.4	U		<1.4	U	
		VMP-12-25-110420	11/4/2020	<0.99	U		<0.78	U		<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U		<0.51	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.048			1700						6800			1700			4200			0.81			1600		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-13-5-042320	4/23/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-13-5-073020	7/30/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-13-5-110220	11/2/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U		<0.0049	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U	
		VMP-13-10.5-042320	4/23/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-13-10.5-073020	7/30/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-13-10.5-110220	11/2/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U		0.0012	J	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-13-21.5-042320	4/23/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-13-21.5-073020	7/30/2020	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-13-21.5-110220	11/2/2020	<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U		<0.005	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-13-29.5-073020	7/30/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U		<0.0052	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-14-5-042320	4/23/2020	<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.0046	U		<0.0046	U	
		VMP-14-5-073020	7/30/2020	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-14-5-110220	11/2/2020	<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0047	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-14-11.5-042320	4/23/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-14-11.5-073020	7/30/2020	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		<0.0049	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-14-11.5-110220	11/2/2020	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U		<0.005	U	
	20 ft	VMP-14-20-042320	4/23/2020	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-14-20-073020	7/30/2020	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-14-20-110220	11/2/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U		<0.0048	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U		<0.0056	U	
		VMP-15-5-042820	4/28/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-15-5-072820	7/28/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0038	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-15-5-110320	11/3/2020	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U		<0.0052	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0013	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-15-21.5-042820	4/28/2020	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-15-21.5-072820	7/28/2020	<0.1	U		<0.081	U		<0.081	U		<0.081	U		<0.066	U		<0.054	U		<0.054	U		<0.053	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U		<0.052	U	
		VMP-15-21.5-110320	11/3/2020	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0012	J		<0.0053	U		<0.0053	U		<0.0052	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.026	U		<0.02	U		<0.02	U		<0.02	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U	
		VMP-15-25.5-042820	4/28/2020	<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.089	U		<0.073	U		<0.073	U		<0.071	U	
		VMP-15-25.5-110320	11/3/2020	<0.04	U		<0.031	U		<0.031	U		<0.031	U		<0.026	U		<0.021	U		<0.021	U		<0.021	U	

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.048			1700						6800			1700			4200			0.81			1600		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U		<0.005	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-16-5-042920	4/29/2020	<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.0044	U		<0.0044	U	
		VMP-16-5-072920	7/29/2020	<0.01	U		0.00076	J		0.001	J		0.0013	J		0.0019	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-16-5-110420	11/4/2020	<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<1.2	U		<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.65	U		<0.65	U		<0.64	U	
		VMP-16-13.5-042920	4/29/2020	<0.66	U		<0.52	U		<0.52	U		<0.52	U		<0.43	U		<0.35	U		<0.35	U		<0.34	U	
		VMP-16-13.5-072920	7/29/2020	<15	U		<12	U		<12	U		<12	U		<9.6	U		<7.8	U		<7.8	U		<7.7	U	
		VMP-16-13.5-110420	11/4/2020	<0.46	U		<0.36	U		<0.36	U		<0.36	U		<0.3	U		<0.24	U		<0.24	U		<0.24	U	
	19 ft	VMP-16-19-012920	1/29/2020	<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-16-19-042920	4/29/2020	<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.96	U		<0.78	U		<0.78	U		<0.77	U	
		VMP-16-19-072920	7/29/2020	<13	U		<10	U		<10	U		<10	U		<8.5	U		<7	U		<7	U		<6.8	U	
		VMP-16-19-110420	11/4/2020	<2	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1	U		<1	U		<1	U	
	31 ft	VMP-16-31-012920	1/29/2020	<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-16-31-042920	4/29/2020	<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U		<1.2	U	
		VMP-16-31-072920	7/29/2020	<25	U		<20	U		<20	U		<20	U		<16	U		<13	U		<13	U		<13	U	
		VMP-16-31-110420	11/4/2020	<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U		<2.6	U	
		VMP-16-31-110420-DUP	11/4/2020	<4.6	U		<3.6	U		<3.6	U		<3.6	U		<2.9	U		<2.4	U		<2.4	U		<2.4	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-17-5-042820	4/28/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-17-5-072220	7/22/2020	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-17-5-110320	11/3/2020	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U		<0.0052	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-25-5-042320	4/23/2020	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0013	J		<0.0059	U		<0.0059	U		<0.0057	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.00096	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-25-5-072320	7/23/2020	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0014	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0018	J		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-25-5-103020	10/30/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		<0.0049	U	
		VMP-25-5-103020-DUP	10/30/2020	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0013	J		<0.0051	U		<0.0051	U		<0.005	U	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U		<0.0053	U	
		VMP-29-10-042320	4/23/2020	<0.009	U		0.0019	J		<0.007	J	U	0.0022	J		0.0027	J		<0.0047	U		<0.0047	U		<0.0046	U	
		VMP-29-10-072720	7/27/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-29-10-110220	11/2/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U		<0.0048	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-29-18-042320	4/23/2020	<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-29-18-072720	7/27/2020	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-29-18-110220	11/2/2020	<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U		<0.0047	U	
	26 ft	VMP-29-26-012420	1/24/2020	<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U		<0.0056	U	
		VMP-29-26-042320	4/23/2020	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0093	U		0.0018	J		<0.0073	J	U	0.0016	J		0.0028	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-29-26-072720	7/27/2020	<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U		<0.0045	U	
		VMP-29-26-110220	11/2/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		<0.005	U	
		VMP-30-10-042320	4/23/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-30-10-072720	7/27/2020	<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-30-10-110220	11/2/2020	<0.0091	U		0.0021	J		<0.0071	U		0.0013	J		0.003	J		<0.0048	U		<0.0048	U		<0.0047	U	
	18 ft	VMP-30-18-012420	1/24/2020	<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-30-18-042320	4/23/2020	<0.0093	U		<0.0073	U		<0.0073	U		0.0024	J		0.0023	J		<0.0049	U		<0.0049	U		<0.0048	U	
		VMP-30-18-072720	7/27/2020	<0.04	U		<0.031	U		<0.031	U		<0.031	U		0.0022	J		<0.021	U		<0.021	U		<0.02	U	
		VMP-30-18-110220	11/2/2020	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U		<0.0046	U	
	26 ft	VMP-30-26-012420	1/24/2020	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-30-26-042320	4/23/2020	<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U		<0.0044	U	
		VMP-30-26-072720	7/27/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-30-26-110220	11/2/2020	<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			1,1-Dichloroethene		
				0.048			1700						6800			1700			4200			0.81			1600		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-41	10 ft	VMP-41-10-012420	1/24/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		<0.0051	U	
		VMP-41-10-042320	4/23/2020	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U		<0.0047	U	
		VMP-41-10-072920	7/29/2020	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-41-10-103020	10/30/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U		<0.0052	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-41-20-042320	4/23/2020	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U		<0.0054	U	
		VMP-41-20-072920	7/29/2020	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U		<0.0052	U	
		VMP-41-20-103020	10/30/2020	<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U		<0.0046	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U		<0.0058	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-41-26-042320	4/23/2020	<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-41-26-103020	10/30/2020	<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U		<0.0047	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-55-20-042820	4/28/2020	<0.053	U		<0.042	U		<0.042	U		<0.042	U		<0.034	U		<0.028	U		<0.028	U		<0.028	U	
		VMP-55-20-072820	7/28/2020	<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-55-20-110320	11/3/2020	<0.49	U		0.075	J		0.067	J		0.086	J		<0.32	U		0.036	J		0.09	J		<0.25	U	

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			45			2.3			2.3						9.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012420	1/24/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-10-5-042320	4/23/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		<0.0094	U		<0.0054	U		0.0014	J		<0.0095	U	
		VMP-10-5-073020	7/30/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.0041	J		<0.0055	U		<0.0062	U		<0.0096	U	
		VMP-10-5-103020	10/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.023	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0047	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U	
		VMP-10-10-042320	4/23/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		0.0062	J		<0.0059	U		<0.0067	U		<0.01	U	
		VMP-10-10-073020	7/30/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		0.0086	J		<0.0056	U		<0.0064	U		<0.0099	U	
		VMP-10-10-103020	10/30/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		0.0086	J	J	<0.0056	U		<0.0063	U		<0.0098	U	
	20 ft	VMP-10-20-012420	1/24/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U	
		VMP-10-20-042320	4/23/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		0.0044	J		<0.0053	U		<0.006	U		<0.0094	U	
		VMP-10-20-073020	7/30/2020	<0.005	U		0.0027	J		<0.0058	U		<0.018	U		0.0098			<0.0055	U		0.001	J		<0.0096	U	
		VMP-10-20-103020	10/30/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		<0.024	U	UJ	<0.0056	U		<0.0064	U		<0.01	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U	
		VMP-11-5-042720	4/27/2020	<0.0051	U		<0.045	U		<0.006	U		0.016	J		0.01			<0.0056	U		<0.0063	U		<0.0099	U	
		VMP-11-5-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.0093	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.0053	U		<0.046	U		<0.0062	U		<0.019	U		<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U	
		VMP-11-8-042720	4/27/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0011	J		0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-11-8-072720	7/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-11-8-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		<0.023	U		<0.0052	U		<0.0059	U		<0.0093	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U	
		VMP-11-29-042720	4/27/2020	0.00094	J		<0.046	U		<0.0061	U		0.0014	J		0.0045	J		0.00066	J		<0.0065	U		<0.01	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0033	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-11-29-072720	7/27/2020	0.0058			<0.043	U		<0.0057	U		0.0013	J		0.034			<0.0054	U		<0.0061	U		<0.0095	U	
		VMP-11-29-102820	10/28/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U	
		VMP-11-38-042720	4/27/2020	<0.0047	U		<0.041	U		<0.0055	U		0.0017	J		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-11-38-072720	7/27/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.0067	J		<0.0054	U		<0.0061	U		<0.0095	U	
		VMP-11-38-102820	10/28/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.013			<0.0054	U		<0.0061	U		<0.0095	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U	
		VMP-12-5-042920	4/29/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0091			<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-12-5-072920	7/29/2020	0.0022	J		<0.042	U		<0.0057	U		0.0022	J		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	
		VMP-12-5-110420	11/4/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		<0.0095	U		<0.0055	U		0.0022	J		<0.0096	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.0048	U		<0.042	U		<0.0057	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U	
		VMP-12-11.5-042920	4/29/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		0.035			<0.005	U		<0.0057	U		<0.0089	U	
		VMP-12-11.5-072920	7/29/2020	<0.005	U		<0.044	U		<0.0058	U		0.0014	J		0.0045	J		<0.0055	U		<0.0062	U		<0.0097	U	
		VMP-12-11.5-110420	11/4/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0048	U		<0.042	U		<0.0055	U		<0.017	U		<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U	
		VMP-12-25-042920	4/29/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		0.022			<0.0048	U		<0.0055	U		<0.0085	U	
		VMP-12-25-072920	7/29/2020	<1.5	U		<13	U		<1.7	U		<5.4	U		2.4	J		<1.6	U		<1.8	U		<2.9	U	
		VMP-12-25-072920-DUP	7/29/2020	<1.4	U		0.6	J		<1.6	U		<5.2	U		3.1			<1.6	U		<1.8	U		<2.8	U	
		VMP-12-25-110420	11/4/2020	<0.51	U		<1.8	U		<0.6	U		<1.8	U		<0.97	U		<0.56	U		<0.63	U		<0.99	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			45			2.3			2.3						9.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0057	U		<0.05	U		<0.0066	U		<0.021	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-13-5-042320	4/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0064	J	J	<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-13-5-073020	7/30/2020	<0.0053	U		0.0079	J		<0.0061	U		<0.019	U		0.02			<0.0058	U		0.001	J		<0.01	U	
		VMP-13-5-110220	11/2/2020	<0.0049	U		<0.043	U		<0.0057	U		0.0059	J		0.01			<0.0054	U		<0.0061	U		<0.0095	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.0058	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U	
		VMP-13-10.5-042320	4/23/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0075	J	J	<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-13-10.5-073020	7/30/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		0.0071	J		<0.0056	U		<0.0064	U		<0.0099	U	
		VMP-13-10.5-110220	11/2/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.012			<0.0052	U		<0.0058	U		0.0029	J	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.0054	U		<0.048	U		<0.0063	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U	
		VMP-13-21.5-042320	4/23/2020	<0.0046	U		<0.04	U		<0.0054	U		<0.017	U		<0.0088	ND,UJ	UJ	<0.005	U		<0.0057	U		<0.0089	U	
		VMP-13-21.5-073020	7/30/2020	<0.0049	U		<0.043	U		<0.0058	U		<0.018	U		0.0072	J		<0.0054	U		<0.0061	U		<0.0095	U	
		VMP-13-21.5-110220	11/2/2020	<0.0051	U		<0.044	U		<0.0059	U		<0.018	U		0.014			<0.0056	U		<0.0063	U		<0.0098	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.004	J	J	<0.0057	U		<0.0065	U		<0.01	U	
		VMP-13-29.5-073020	7/30/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0056	J		<0.0056	U		<0.0064	U		<0.01	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U	
		VMP-14-5-042320	4/23/2020	<0.0046	U		0.0016	J		<0.0053	U		<0.016	U		0.0047	J	J	<0.005	U		<0.0056	U		<0.0088	U	
		VMP-14-5-073020	7/30/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		0.011			<0.0055	U		<0.0062	U		<0.0097	U	
		VMP-14-5-110220	11/2/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	<0.0051	U		<0.045	U		<0.0059	U		<0.018	U		<0.0097	U		0.0043	J		<0.0063	U		<0.0098	U	
		VMP-14-11.5-042320	4/23/2020	<0.0047	U		0.021	J		<0.0055	U		<0.017	U		0.015	J0	J	<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-14-11.5-073020	7/30/2020	<0.0049	U		0.0027	J		<0.0057	U		0.0029	J		0.011			<0.0054	U		<0.0061	U		<0.0095	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.01	J		<0.0061	U		<0.007	U		<0.011	U	
		VMP-14-11.5-110220	11/2/2020	<0.005	U		<0.043	U		<0.0058	U		<0.018	U		0.013			<0.0054	U		<0.0061	U		<0.0096	U	
	20 ft	VMP-14-20-042320	4/23/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		<0.0099	ND,UJ	UJ	0.0013	J		<0.0065	U		<0.01	U	
		VMP-14-20-073020	7/30/2020	<0.0051	U		0.0027	J		<0.006	U		<0.018	U		0.0085	J		<0.0056	U		<0.0063	U		<0.0099	U	
		VMP-14-20-110220	11/2/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.0097			<0.0053	U		<0.006	U		<0.0093	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.0056	U		<0.05	U		<0.0066	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-15-5-042820	4/28/2020	0.0025	J		<0.046	U		<0.0061	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U	
		VMP-15-5-072820	7/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.059			<0.0061	U		<0.0069	U		<0.011	U	
		VMP-15-5-110320	11/3/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		0.0089	J		<0.0057	U		<0.0064	U		<0.01	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.0056	U		<0.049	U		<0.0066	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-15-21.5-042820	4/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0096	J		<0.0061	U		<0.0069	U		<0.011	U	
		VMP-15-21.5-072820	7/28/2020	<0.053	U		<0.47	U		<0.062	U		<0.19	U		<0.1	U		<0.058	U		<0.066	U		<0.1	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.052	U		<0.46	U		<0.061	U		<0.19	U		<0.099	U		<0.057	U		<0.065	U		<0.1	U	
		VMP-15-21.5-110320	11/3/2020	<0.0052	U		<0.046	U		<0.006	U		<0.019	U		0.016			<0.0057	U		<0.0064	U		<0.01	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.014	U		<0.12	U		<0.016	U		<0.049	U		<0.026	U		<0.015	U		<0.017	U		<0.026	U	
		VMP-15-25.5-042820	4/28/2020	<0.071	U		<0.62	U		<0.083	U		<0.26	U		<0.14	U		<0.078	U		<0.088	U		<0.14	U	
		VMP-15-25.5-110320	11/3/2020	<0.021	U		<0.18	U		<0.024	U		<0.075	U		0.017	J		<0.022	U		<0.026	U		<0.04	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			45			2.3			2.3						9.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.005	U		0.0015	J		<0.0058	U		<0.018	U		<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0012	J		<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-16-5-042920	4/29/2020	<0.0044	U		<0.038	U		<0.0051	U		<0.016	U		0.0071	J		<0.0048	U		<0.0054	U		<0.0084	U	
		VMP-16-5-072920	7/29/2020	<0.0052	U		0.0016	J		<0.006	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U	
		VMP-16-5-110420	11/4/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<0.64	U		<2.2	U		<0.74	U		<2.3	U		<1.2	U		0.33	J	J	1.1		J	<1.2	U	
		VMP-16-13.5-042920	4/29/2020	<0.34	U		<1.2	U		<0.4	U		<1.2	U		<0.65	U		<0.38	U		0.15	J	J	<0.66	U	
		VMP-16-13.5-072920	7/29/2020	<7.7	U		3.2	J		<9	U		<28	U		43			<8.4	U		1.5	J		<15	U	
		VMP-16-13.5-110420	11/4/2020	<0.24	U		<0.84	U		<0.28	U		<0.87	U		<0.46	U		<0.26	U		<0.3	U		<0.46	U	
	19 ft	VMP-16-19-012920	1/29/2020	<1.2	U		<4.3	U		<1.4	U		<4.5	U		<2.3	U		3.2			13			<2.4	U	
		VMP-16-19-042920	4/29/2020	<0.77	U		<2.7	U		<0.9	U		<2.8	U		<1.5	U		2.4		J	17		J	<1.5	U	
		VMP-16-19-072920	7/29/2020	<6.8	U		2.4	J		<8	U		<25	U		33			1.3	J		4.4	J		<13	U	
		VMP-16-19-110420	11/4/2020	<1	U		<3.6	U		<1.2	U		<3.7	U		<1.9	U		1.2			4.7			<2	U	
	31 ft	VMP-16-31-012920	1/29/2020	<1.2	U		<4.3	U		<1.4	U		<4.5	U		<2.3	U		2.4		J	5.2		J	<2.4	U	
		VMP-16-31-042920	4/29/2020	<1.2	U		<4.3	U		<1.4	U		<4.4	U		<2.3	U		2.5		J	11		J	<2.4	U	
		VMP-16-31-072920	7/29/2020	<13	U		<110	U		<15	U		<47	U		47			<14	U		<16	U		<25	U	
		VMP-16-31-110420	11/4/2020	<2.6	U		<9	U		<3	U		<9.3	U		<4.9	U		0.9	J		2.5	J		<4.9	U	
		VMP-16-31-110420-DUP	11/4/2020	<2.4	U		<8.3	U		<2.7	U		<8.6	U		<4.5	U		1.1	J		2.6	J		<4.6	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-17-5-042820	4/28/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		0.0086	J	J	<0.0061	U		<0.0069	U		<0.011	U	
		VMP-17-5-072220	7/22/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		<0.01	U		<0.0059	U		<0.0066	U		<0.01	U	
		VMP-17-5-110320	11/3/2020	<0.0052	U		<0.046	U		<0.0061	U		<0.019	U		0.016			<0.0057	U		<0.0065	U		<0.01	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		0.0024	J		<0.0062	U		<0.0097	U	
		VMP-25-5-042320	4/23/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U	J	<0.0063	U		<0.0071	U		<0.011	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0065	J	J	0.00087	J		<0.0064	U		<0.01	U	
		VMP-25-5-072320	7/23/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.0042	J		<0.0056	U		<0.0063	U		<0.0099	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.0051	U		<0.045	U		<0.006	U		<0.018	U		0.0088	J		<0.0056	U		<0.0063	U		<0.0099	U	
		VMP-25-5-103020	10/30/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		<0.023	U	UJ	<0.0053	U		<0.006	U		<0.0094	U	
		VMP-25-5-103020-DUP	10/30/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.024	U	UJ	<0.0055	U		0.0013	J		<0.0097	U	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.0053	U		<0.046	U		<0.0061	U		<0.019	U		<0.01	U		<0.0058	U		<0.0065	U		<0.01	U	
		VMP-29-10-042320	4/23/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		<0.0088	ND,UJ	UJ	<0.0051	U		<0.0058	U		<0.009	U	
		VMP-29-10-072720	7/27/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0041	J		<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-29-10-110220	11/2/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		0.015			<0.0053	U		<0.006	U		<0.0093	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.006	U		<0.053	U		<0.007	U		<0.022	U		<0.011	U		<0.0066	U		<0.0074	U		<0.012	U	
		VMP-29-18-042320	4/23/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		0.0046	J	J	<0.0048	U		<0.0055	U		<0.0085	U	
		VMP-29-18-072720	7/27/2020	<0.005	U		<0.044	U		<0.0058	U		<0.018	U		0.013			<0.0055	U		<0.0062	U		<0.0096	U	
		VMP-29-18-110220	11/2/2020	<0.0047	U		<0.041	U		<0.0054	U		<0.017	U		0.026			<0.0051	U		<0.0058	U		<0.009	U	
	26 ft	VMP-29-26-012420	1/24/2020	<0.0056	U		<0.05	U		<0.0066	U		<0.02	U		<0.011	U		0.0034	J		<0.007	U		<0.011	U	
		VMP-29-26-042320	4/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.018	U		<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0048	U		<0.042	U		<0.0056	U		<0.017	U		0.0057	J	J	<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-29-26-072720	7/27/2020	<0.0045	U		<0.04	U		<0.0053	U		<0.016	U		0.0061	J		<0.0049	U		<0.0056	U		<0.0087	U	
		VMP-29-26-110220	11/2/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.014			<0.0052	U		<0.0058	U		<0.0091	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.005	U		<0.044	U		<0.0059	U		<0.018	U		<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U	
		VMP-30-10-042320	4/23/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		0.0031	J	J	<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-30-10-072720	7/27/2020	<0.0048	U		<0.042	U		<0.0056	U		0.0022	J		0.0043	J		<0.0052	U		<0.0059	U		<0.0092	U	
		VMP-30-10-110220	11/2/2020	<0.0047	U		<0.041	U		<0.0054	U		<0.017	U		0.021			<0.0051	U		<0.0058	U		<0.009	U	
	18 ft	VMP-30-18-012420	1/24/2020	<0.0059	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	U		<0.0064	U		<0.0073	U		<0.011	U	
		VMP-30-18-042320	4/23/2020	<0.0048	U		0.0021	J		<0.0056	U		<0.017	U		0.0046	J	J	<0.0052	U		<0.0059	U		<0.0093	U	
		VMP-30-18-072720	7/27/2020	<0.02	U		<0.18	U		<0.024	U		<0.074	U		<0.039	U		<0.022	U		<0.025	U		<0.039	U	
		VMP-30-18-110220	11/2/2020	<0.0046	U		<0.041	U		<0.0054	U		<0.017	U		0.016			<0.0051	U		<0.0058	U		<0.009	U	
	26 ft	VMP-30-26-012420	1/24/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	U		<0.006	U		<0.0068	U		<0.011	U	
		VMP-30-26-042320	4/23/2020	<0.0044	U		<0.039	U		<0.0052	U		<0.016	U		<0.0084	ND,UJ	UJ	<0.0049	U		<0.0055	U		<0.0086	U	
		VMP-30-26-072720	7/27/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-30-26-110220	11/2/2020	<0.0049	U		<0.043	U		<0.0057	U		<0.018	U		0.023			<0.0053	U		<0.006	U		<0.0094	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	cis-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			1,4-Dioxane			Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113		
				1100000			45			2.3			2.3						9.3								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012420	1/24/2020	<0.0051	U		<0.045	U		<0.006	U		<0.019	U		<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U	
		VMP-41-10-042320	4/23/2020	<0.0047	U		<0.041	U		<0.0055	U		<0.017	U		<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U	
		VMP-41-10-072920	7/29/2020	<0.0054	U		<0.047	U		<0.0062	U		<0.019	U		0.0035	J		<0.0059	U		<0.0066	U		<0.01	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0055	U		<0.048	U		<0.0064	U		<0.02	U		<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U	
		VMP-41-10-103020	10/30/2020	<0.0052	U		<0.045	U		<0.006	U		<0.019	U		0.0064	J		<0.0056	U		<0.0064	U		<0.01	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U	
		VMP-41-20-042320	4/23/2020	<0.0054	U		<0.047	U		<0.0063	U		<0.02	U		<0.01	U		<0.0059	U		<0.0067	U		<0.01	U	
		VMP-41-20-072920	7/29/2020	<0.0052	U		0.0044	J		<0.006	U		0.0015	J		0.0084	J		<0.0056	U		<0.0064	U		<0.01	U	
		VMP-41-20-103020	10/30/2020	<0.0046	U		0.0016	J		<0.0054	U		<0.017	U		0.0057	J		<0.0051	U		<0.0058	U		<0.009	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0058	U		<0.051	U		<0.0068	U		<0.021	U		<0.011	U		<0.0064	U		<0.0072	U		<0.011	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0056	U		0.026	J		<0.0066	U		<0.02	U		<0.011	U		<0.0062	U		<0.007	U		<0.011	U	
		VMP-41-26-042320	4/23/2020	<0.0056	U		<0.049	U		<0.0065	U		<0.02	U		<0.011	U		<0.0061	U		<0.007	U		<0.011	U	
		VMP-41-26-103020	10/30/2020	<0.0047	U		<0.041	U		<0.0054	U		<0.017	U		0.0067	J		<0.0051	U		<0.0058	U		<0.009	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.12	U		<1	U		<0.14	U		<0.43	U		<0.22	U		<0.13	U		<0.15	U		<0.23	U	
		VMP-55-20-042820	4/28/2020	<0.028	U		<0.24	U		<0.032	U		<0.1	U		<0.052	U		<0.03	U		<0.034	U		<0.053	U	
		VMP-55-20-072820	7/28/2020	<0.0057	U		<0.05	U		<0.0067	U		<0.021	U		<0.011	U		<0.0063	U		<0.0071	U		<0.011	U	
		VMP-55-20-110320	11/3/2020	<0.25	U		0.45	J		<0.3	U		<0.92	U		1.8			0.089	J		0.065	J		<0.49	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			3500						24000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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 ft	VMP-10-5-012420	1/24/2020	<0.0059	U		<0.061	U		<0.005	U		<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U	
		VMP-10-5-042320	4/23/2020	<0.0051	U		<0.053	U		0.0014	J		<0.02	U		0.0052	J		0.0024	J		<0.0051	U		<0.018	U	
		VMP-10-5-073020	7/30/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-10-5-103020	10/30/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U	
		VMP-10-10-042320	4/23/2020	0.0055	J		<0.058	U		0.014			<0.022	U		0.0074	J		<0.0067	U		<0.0056	U		<0.02	U	
		VMP-10-10-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0046	U		0.0019	J		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-10-10-103020	10/30/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U	
	20 ft	VMP-10-20-012420	1/24/2020	<0.0053	U		0.01	J		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-10-20-042320	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-10-20-073020	7/30/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		0.0061	J		<0.0052	U		<0.018	U	
		VMP-10-20-103020	10/30/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.016	U	UJ	<0.0069	U		<0.0058	U		<0.02	U	
		VMP-11-5-042720	4/27/2020	0.00063	J		<0.055	U		<0.0045	U		0.0012	J		0.0035	J		<0.0063	U		<0.0053	U		<0.019	U	
		VMP-11-5-102820	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.0055	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U	UJ	<0.0066	U		<0.0055	U		<0.019	U	
		VMP-11-8-042720	4/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-11-8-072720	7/27/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-11-8-102820	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.0057	U		<0.06	U		<0.0049	U		<0.023	U		<0.016	U	UJ	<0.0069	U		<0.0057	U		<0.02	U	
		VMP-11-29-042720	4/27/2020	<0.0054	U		<0.056	U		0.0013	J		<0.022	U		0.0018	J		<0.0065	U		<0.0054	U		<0.019	U	
		VMP-11-29-042720-DUP	4/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-11-29-072720	7/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0034	J		<0.0061	U		<0.0051	U		<0.018	U	
		VMP-11-29-102820	10/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U	UJ	<0.0067	U		<0.0056	U		<0.02	U	
		VMP-11-38-042720	4/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-11-38-072720	7/27/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U	
		VMP-11-38-102820	10/28/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0073	J		<0.0061	U		0.0012	J		<0.018	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U	UJ	<0.0067	U		<0.0056	U		<0.02	U	
		VMP-12-5-042920	4/29/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-12-5-072920	7/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-12-5-110420	11/4/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		0.9			0.016			<0.0052	U		<0.018	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U	UJ	<0.006	U		<0.005	U		<0.018	U	
		VMP-12-11.5-042920	4/29/2020	<0.0048	U		<0.049	U		<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U	
		VMP-12-11.5-072920	7/29/2020	<0.0052	U		<0.054	U		0.00082	J		<0.021	U		0.0019	J		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-12-11.5-110420	11/4/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		0.17		J	<0.0064	U		<0.0053	U		<0.019	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		0.17		J	<0.0059	U		<0.0049	U		<0.017	U	
		VMP-12-25-042920	4/29/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U	
		VMP-12-25-072920	7/29/2020	1.6			<16	U		16			<6.2	U		150			<1.8	U		<1.5	U		<5.4	U	
		VMP-12-25-072920-DUP	7/29/2020	1.2	J		<15	U		14			<5.9	U		150			<1.8	U		<1.5	U		<5.2	U	
		VMP-12-25-110420	11/4/2020	<0.53	U		<5.5	U		5.6			<2.1	U		470			<0.63	U		<0.53	U		<0.46	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			3500						24000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.0059	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0059	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U	
		VMP-13-5-042320	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-13-5-073020	7/30/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		0.0064	J		0.0042	J		<0.0054	U		<0.019	U	
		VMP-13-5-110220	11/2/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.006	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U	
		VMP-13-10.5-042320	4/23/2020	<0.0049	U		<0.051	U		0.00073	J		<0.019	U		0.0034	J		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-13-10.5-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-13-10.5-110220	11/2/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U	
		VMP-13-21.5-042320	4/23/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U	
		VMP-13-21.5-073020	7/30/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.002	J		<0.0061	U		<0.0051	U		<0.018	U	
		VMP-13-21.5-110220	11/2/2020	<0.0052	U		<0.055	U		<0.0045	U		<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U	
		VMP-13-29.5-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U	
		VMP-14-5-042320	4/23/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U	
		VMP-14-5-073020	7/30/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-14-5-110220	11/2/2020	<0.0048	U		<0.05	J	U	<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		0.00086	J		<0.017	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	0.0084			<0.055	U		0.0071			<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U	
		VMP-14-11.5-042320	4/23/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		0.003	J		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-14-11.5-073020	7/30/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		0.0021	J		<0.0061	U		<0.0051	U		<0.018	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-14-11.5-110220	11/2/2020	<0.0051	U		<0.053	U		<0.0044	U		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U	
	20 ft	VMP-14-20-042320	4/23/2020	0.0062			<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U	
		VMP-14-20-073020	7/30/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.0024	J		<0.0063	U		<0.0053	U		<0.019	U	
		VMP-14-20-110220	11/2/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.0015	J		<0.006	U		<0.005	U		<0.018	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.0058	U		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-15-5-042820	4/28/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U	
		VMP-15-5-072820	7/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U	
		VMP-15-5-110320	11/3/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-15-21.5-042820	4/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U	
		VMP-15-21.5-072820	7/28/2020	<0.055	U		<0.57	U		<0.047	U		<0.22	U		<0.16	U		<0.066	U		<0.055	U		<0.19	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.054	U		<0.56	U		<0.046	U		<0.22	U		<0.16	U		<0.065	U		<0.054	U		<0.19	U	
		VMP-15-21.5-110320	11/3/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.014	U		<0.14	U		<0.012	U		<0.056	U		0.036	J		<0.017	U		<0.014	U		<0.049	U	
		VMP-15-25.5-042820	4/28/2020	<0.074	U		<0.77	U		<0.063	U		<0.29	U		0.075	J		<0.088	U		<0.074	U		<0.26	U	
		VMP-15-25.5-110320	11/3/2020	<0.021	U		<0.22	U		<0.018	U		<0.085	U		0.047	J		<0.026	U		<0.021	U		<0.075	U	

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			3500						24000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.0051	U		<0.053	U		0.0013	J		<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.005	U		<0.052	U		0.0019	J		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-16-5-042920	4/29/2020	<0.0045	U		<0.047	U		<0.0039	U		<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U	
		VMP-16-5-072920	7/29/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		0.0026	J		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-16-5-110420	11/4/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	1.2		J	<6.8	U		5.1		J	<2.6	U		340		J	17		J	<0.66	U		<0.58	U	
		VMP-16-13.5-042920	4/29/2020	<0.35	U		<3.7	U		0.6		J	<1.4	U		72		J	3.3		J	<0.35	U		<0.31	U	
		VMP-16-13.5-072920	7/29/2020	<8	U		<83	U		2.5	J		<32	U		310			16			<7.9	U		<28	U	
		VMP-16-13.5-110420	11/4/2020	0.25		J	<2.6	U		1.7		J	<0.99	U		120		J	4.2		J	<0.25	U		<0.22	U	
	19 ft	VMP-16-19-012920	1/29/2020	2			<13	U		7.2			<5.1	U		510			46			<1.3	U		<1.1	U	
		VMP-16-19-042920	4/29/2020	1.8		J	<8.3	U		3.6		J	<3.2	U		520		J	54		J	<0.79	U		<0.7	U	
		VMP-16-19-072920	7/29/2020	<7.1	U		<74	U		2.2	J		<28	U		360			20			<7.1	U		<25	U	
		VMP-16-19-110420	11/4/2020	<1	U		<11	U		3.5			<4.2	U		900			32			<1	U		<0.93	U	
	31 ft	VMP-16-31-012920	1/29/2020	<1.3	U		<13	U		5.7		J	<5.1	U		1100		J	52		J	<1.3	U		<1.1	U	
		VMP-16-31-042920	4/29/2020	1.4		J	<13	U		2.6		J	<5.1	U		1100		J	68		J	<1.3	U		<1.1	U	
		VMP-16-31-072920	7/29/2020	<13	U		<140	U		<11	U		<53	U		610			24			<13	U		<47	U	
		VMP-16-31-110420	11/4/2020	<2.6	U		<28	U		<2.3	U		<10	U		1600			26			<2.6	U		<2.3	U	
		VMP-16-31-110420-DUP	11/4/2020	<2.4	U		<25	U		2.7			<9.7	U		1600			29			<2.4	U		<2.1	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U	
		VMP-17-5-042820	4/28/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U	
		VMP-17-5-072220	7/22/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U	
		VMP-17-5-110320	11/3/2020	<0.0054	U		<0.056	U		<0.0046	U		<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.017			<0.006	U		<0.005	U		<0.018	U	
		VMP-25-5-012820-DUP	1/28/2020	0.005	J		<0.054	U		<0.0045	U		<0.021	U		0.019			<0.0062	U		0.0073			<0.018	U	
		VMP-25-5-042320	4/23/2020	0.0029	J		<0.062	U		0.014			<0.024	U		0.35			<0.0071	U		<0.0059	U		<0.021	U	
		VMP-25-5-042320-DUP	4/23/2020	0.0049	J		<0.055	U		0.013			<0.021	U		0.27			<0.0064	U		<0.0053	U		<0.019	U	
		VMP-25-5-072320	7/23/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.01	J		<0.0063	U		<0.0053	U		0.0011	J	
		VMP-25-5-072320-DUP	7/23/2020	<0.0053	U		<0.055	U		<0.0045	U		<0.021	U		0.0092	J		<0.0063	U		<0.0053	U		0.0016	J	
		VMP-25-5-103020	10/30/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.2			<0.006	U		<0.005	U		<0.018	U	
		VMP-25-5-103020-DUP	10/30/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		0.18			<0.0062	U		<0.0052	U		<0.018	U	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.0054	U		<0.057	U		<0.0047	U		<0.022	U		<0.016	U		<0.0065	U		0.0064			<0.019	U	
		VMP-29-10-042320	4/23/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U	
		VMP-29-10-072720	7/27/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-29-10-110220	11/2/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		0.0074	J		0.0005	J		<0.005	U		<0.018	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.0062	U		<0.065	U		<0.0053	U		<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U	
		VMP-29-18-042320	4/23/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U	
		VMP-29-18-072720	7/27/2020	<0.0052	U		<0.054	U		<0.0044	U		<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-29-18-110220	11/2/2020	<0.0048	U		<0.05	U		0.0027	J		<0.019	U		0.0082	J		0.0013	J		<0.0048	U		<0.017	U	
	26 ft	VMP-29-26-012420	1/24/2020	0.0039	J		<0.061	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-29-26-042320	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-29-26-072720	7/27/2020	<0.0047	U		<0.049	U		<0.004	U		<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U	
		VMP-29-26-110220	11/2/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		0.004	J		0.0016	J		<0.0049	U		<0.017	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.0052	U		<0.054	U		<0.0045	U		<0.021	U		0.0028	J		<0.0062	U		<0.0052	U		<0.018	U	
		VMP-30-10-042320	4/23/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-30-10-072720	7/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U	
		VMP-30-10-110220	11/2/2020	<0.0048	U		<0.05	U		0.0023	J		0.0011	J		0.0076	J		0.0061			<0.0048	U		<0.017	U	
	18 ft	VMP-30-18-012420	1/24/2020	<0.0061	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U	
		VMP-30-18-042320	4/23/2020	<0.005	U		<0.052	U		<0.0043	U		<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U	
		VMP-30-18-072720	7/27/2020	<0.021	U		<0.22	U		<0.018	U		<0.084	U		<0.061	U		<0.025	U		0.011	J		<0.074	U	
		VMP-30-18-110220	11/2/2020	<0.0048	U		<0.05	U		0.0021	J		<0.019	U		0.008	J		0.003	J		<0.0048	U		<0.017	U	
	26 ft	VMP-30-26-012420	1/24/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U	
		VMP-30-26-042320	4/23/2020	<0.0046	U		<0.048	U		<0.0039	U		<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U	
		VMP-30-26-072720	7/27/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-30-26-110220	11/2/2020	<0.005	U		<0.052	U		0.0031	J		<0.02	U		0.0093	J		0.0048	J		<0.005	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Heptane			Hexachlorobutadiene			Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)		
																			3500						24000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-41	10 ft	VMP-41-10-012420	1/24/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-41-10-042320	4/23/2020	<0.0049	U		<0.051	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U	
		VMP-41-10-072920	7/29/2020	<0.0055	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0057	U		<0.059	U		<0.0049	U		<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U	
		VMP-41-10-103020	10/30/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.0056	U		<0.058	U		<0.0048	U		<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U	
		VMP-41-20-042320	4/23/2020	0.0017	J		<0.058	U		0.0073			<0.022	U		0.012	J		<0.0067	U		<0.0056	U		<0.02	U	
		VMP-41-20-072920	7/29/2020	<0.0053	U		<0.055	U		<0.0046	U		<0.021	U		0.0029	J		<0.0064	U		<0.0053	U		<0.019	U	
		VMP-41-20-103020	10/30/2020	<0.0048	U		<0.05	U		<0.0041	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.006	U		<0.063	U		<0.0052	U		<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		0.0066	J		<0.007	U		<0.0058	U		<0.02	U	
		VMP-41-26-042320	4/23/2020	<0.0058	U		<0.06	U		<0.005	U		<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U	
		VMP-41-26-103020	10/30/2020	<0.0048	U		<0.05	U		<0.0042	U		<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.12	U		<1.3	U		<0.1	U		<0.49	U		22			<0.14	U		<0.12	U		0.056	J	
		VMP-55-20-042820	4/28/2020	<0.028	U		<0.3	U		<0.024	U		<0.11	U		<0.082	U		<0.034	U		<0.028	U		0.032	J	
		VMP-55-20-072820	7/28/2020	<0.0059	U		<0.062	U		<0.0051	U		<0.024	U		0.014	J		<0.0071	U		<0.0059	U		0.04		
		VMP-55-20-110320	11/3/2020	<0.26	U		0.18	J		0.11	J		<1	U		9.6			0.049	J		<0.26	U		0.07	J	

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										8500						4						40000			25		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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 ft	VMP-10-5-012420	1/24/2020	0.024			<0.007	U		<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U	
		VMP-10-5-042320	4/23/2020	0.0028	J		0.0057	J		0.00055	J		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-10-5-073020	7/30/2020	0.0065	J		<0.0062	U		<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-10-5-103020	10/30/2020	0.008	J		<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U	
	10 ft	VMP-10-10-012420	1/24/2020	0.025			0.0025	J		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U	
		VMP-10-10-042320	4/23/2020	0.0095	J		<0.0067	U		<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0011	J		<0.04	U	
		VMP-10-10-073020	7/30/2020	0.0078	J		0.00055	J		<0.0088	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-10-10-103020	10/30/2020	0.012			<0.0063	U		<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U	
	20 ft	VMP-10-20-012420	1/24/2020	<0.013	U		<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-10-20-042320	4/23/2020	0.0052	J		<0.006	U		<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-10-20-073020	7/30/2020	0.0097	J		0.019			<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U	
		VMP-10-20-103020	10/30/2020	0.01	J		<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.014	U		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U	
		VMP-11-5-042720	4/27/2020	0.0074	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0048	J		<0.038	U	
		VMP-11-5-102820	10/28/2020	0.012	J		<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.013	U		<0.0066	U		<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U	
		VMP-11-8-042720	4/27/2020	0.011	J		<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		0.0013	J	
		VMP-11-8-072720	7/27/2020	0.0071	J		<0.0062	U		<0.0086	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.012	J	U	<0.0059	U		<0.0082	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-11-8-102820	10/28/2020	0.026			<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.014	U		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U	
		VMP-11-29-042720	4/27/2020	0.0046	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0044	J		0.0013	J	
		VMP-11-29-042720-DUP	4/27/2020	0.0032	J		<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0022	J		<0.036	U	
		VMP-11-29-072720	7/27/2020	0.021			<0.0061	U		<0.0084	U		<0.0085	U		0.0038	J		<0.0036	U		<0.0047	U		<0.037	U	
		VMP-11-29-102820	10/28/2020	0.009	J		<0.006	U		<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.00037	J		<0.036	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.013	U		<0.0067	U		<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-11-38-042720	4/27/2020	0.0062	J		<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U	
		VMP-11-38-072720	7/27/2020	0.0064	J		<0.0061	U		<0.0084	U		<0.0085	U		0.0013	J		<0.0036	U		<0.0046	U		<0.037	U	
		VMP-11-38-102820	10/28/2020	0.047			<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.013	U		<0.0067	U		<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-12-5-042920	4/29/2020	0.022			0.00091	J		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U	
		VMP-12-5-072920	7/29/2020	0.0027	J		<0.006	U		<0.0083	U		<0.0084	U		0.025			<0.0036	U		<0.0046	U		<0.036	U	
		VMP-12-5-110420	11/4/2020	0.009	J		0.042			<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.012	U		<0.006	U		<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-12-11.5-042920	4/29/2020	0.021			<0.0057	U		<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U	
		VMP-12-11.5-072920	7/29/2020	0.017			<0.0062	U		<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	J	U
		VMP-12-11.5-110420	11/4/2020	0.0075	J		<0.0063	U		<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.013	U		<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.012	U		<0.0059	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U	
		VMP-12-25-042920	4/29/2020	0.011			<0.0055	U		<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U	
		VMP-12-25-072920	7/29/2020	0.98	J		<1.8	U		<2.6	U		<2.6	U		<2.6	U		<1.1	U		1.5			0.29	J	
		VMP-12-25-072920-DUP	7/29/2020	1.6	J		<1.8	U		<2.4	U		<2.5	U		<2.4	U		<1	U		1.9			<11	U	
		VMP-12-25-110420	11/4/2020	<1.3	U		<0.63	U		<0.55	U		<0.88	U		<0.88	U		<0.38	U		<0.49	U		<3.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										8500						4						40000			25		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.014	U		<0.007	U		<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U	
		VMP-13-5-012420-DUP	1/24/2020	0.0057	J		<0.007	U		<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U	
		VMP-13-5-042320	4/23/2020	0.0044	J	J	<0.0059	U		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-13-5-073020	7/30/2020	0.015			0.012			<0.0091	U		<0.0091	U		0.0069	J		<0.0039	U		0.0036	J		<0.039	U	
		VMP-13-5-110220	11/2/2020	0.013			<0.0061	U		<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	0.028			<0.0072	U		<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U	
		VMP-13-10.5-042320	4/23/2020	0.0059	J	J	<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U	
		VMP-13-10.5-073020	7/30/2020	0.0062	J		<0.0064	U		<0.0088	U		<0.0089	U		0.0013	J		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-13-10.5-110220	11/2/2020	0.019			0.00058	J		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00045	J		<0.035	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	0.024			<0.0067	U		<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	
		VMP-13-21.5-042320	4/23/2020	0.0031	J	J	<0.0057	U		<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U	
		VMP-13-21.5-073020	7/30/2020	0.0056	J		<0.0061	U		<0.0085	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-13-21.5-110220	11/2/2020	0.0068	J		<0.0063	U		<0.0054	U		<0.0088	U		0.0029	J		<0.0038	U		<0.0048	U		<0.038	U	
		VMP-13-21.5-110220-DUP	11/2/2020	0.0098	J		<0.0062	U		<0.0054	U		<0.0087	U		0.0031	J		<0.0037	U		<0.0048	U		<0.038	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	0.004	J	J	0.0012	J		<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0013	J		<0.039	U	
		VMP-13-29.5-073020	7/30/2020	0.0065	J		<0.0064	U		<0.0088	U		<0.0089	U		0.0014	J		<0.0038	U		<0.0049	U		<0.038	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.014	U		<0.0071	U		<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U	
		VMP-14-5-042320	4/23/2020	0.012		J	<0.0056	U		<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U	
		VMP-14-5-073020	7/30/2020	0.0048	J		0.00071	J		<0.0086	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U	
		VMP-14-5-110220	11/2/2020	0.0052	J		<0.0058	J	U	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	<0.013	U		<0.0063	U		<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.017			<0.038	U	
		VMP-14-11.5-042320	4/23/2020	0.0095	J	J	<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0066			<0.035	U	
		VMP-14-11.5-073020	7/30/2020	0.0089	J		<0.0061	U		<0.0084	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U	
		VMP-14-11.5-073020-DUP	7/30/2020	0.012	J		<0.007	U		<0.0096	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
		VMP-14-11.5-110220	11/2/2020	0.026			<0.0061	U		<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	
	20 ft	VMP-14-20-042320	4/23/2020	0.0053	J	J	0.0019	J		<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	
		VMP-14-20-073020	7/30/2020	0.0059	J		<0.0063	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-14-20-110220	11/2/2020	0.01	J		0.001	J		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.014	U		<0.007	U		<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U	
		VMP-15-5-042820	4/28/2020	0.0031	J		<0.0065	U		<0.0057	U		<0.0091	U		0.16			<0.0039	U		<0.005	U		<0.039	U	
		VMP-15-5-072820	7/28/2020	0.012	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
		VMP-15-5-110320	11/3/2020	0.022			<0.0064	U		<0.0056	U		<0.009	U		0.0016	J		<0.0039	U		<0.0049	U		<0.039	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.014	U		<0.007	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U	
		VMP-15-21.5-042820	4/28/2020	0.0064	J		<0.0069	U		<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U	
		VMP-15-21.5-072820	7/28/2020	<0.13	U		<0.066	U		<0.057	U		<0.092	U		<0.091	U		<0.04	U		<0.051	U		<0.4	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.13	U		<0.065	U		<0.056	U		<0.091	U		<0.09	U		<0.039	U		<0.05	U		<0.39	U	
		VMP-15-21.5-110320	11/3/2020	0.0078	J		<0.0064	U		<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.034	U		<0.017	U		<0.014	U		<0.023	U		<0.023	U		<0.01	U		<0.013	U		<0.1	U	
		VMP-15-25.5-042820	4/28/2020	<0.18	U		<0.088	U		<0.077	U		<0.12	U		<0.12	U		<0.053	U		<0.068	U		<0.53	U	
		VMP-15-25.5-110320	11/3/2020	0.035	J		<0.026	U		<0.022	U		<0.036	U		<0.035	U		<0.015	U		<0.02	U		<0.15	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										8500						4						40000			25		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.012	U		<0.0061	U		<0.0053	U		<0.0086	U		0.0017	J		<0.0037	U		<0.0047	U		<0.037	U	
		VMP-16-5-012920-DUP	1/29/2020	0.0014	J		<0.0059	U		<0.0052	U		<0.0083	U		0.0013	J		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-16-5-042920	4/29/2020	0.012			0.00055	J		<0.0047	U		<0.0076	U		0.0029	J		<0.0032	U		<0.0041	U		<0.033	U	
		VMP-16-5-072920	7/29/2020	0.0036	J		<0.0064	U		<0.0088	U		<0.0089	U		0.01			<0.0038	U		<0.0049	U		0.0044	J	
		VMP-16-5-110420	11/4/2020	0.0045	J		<0.006	U		<0.0052	U		<0.0084	U		0.0015	J		<0.0036	U		<0.0046	U		<0.036	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<1.6	U		32		J	<0.68	U		<1.1	U		<1.1	U		<0.47	U		<0.6	U		<4.8	U	
		VMP-16-13.5-042920	4/29/2020	<0.85	U		4		J	<0.37	U		<0.59	U		<0.59	U		<0.26	U		<0.32	U		<2.6	U	
		VMP-16-13.5-072920	7/29/2020	22			29			1.1	J		<13	U		<13	U		<5.7	U		17			<58	U	
		VMP-16-13.5-110420	11/4/2020	<0.59	U		4		J	<0.26	U		<0.42	U		<0.41	U		<0.18	U		<0.23	U		<1.8	U	
	19 ft	VMP-16-19-012920	1/29/2020	<3	U		97			<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U	
		VMP-16-19-042920	4/29/2020	<1.9	U		130		J	<0.83	U		<1.3	U		<1.3	U		<0.57	U		<0.73	U		<5.8	U	
		VMP-16-19-072920	7/29/2020	16	J		39			<12	U		<12	U		2.2	J		<5.1	U		15			<51	U	
		VMP-16-19-110420	11/4/2020	0.74	J		63			<1.1	U		<1.8	U		<1.8	U		<0.76	U		<0.97	U		<7.6	U	
	31 ft	VMP-16-31-012920	1/29/2020	<3	U		120		J	<1.3	U		<2.1	U		<2.1	U		<0.92	U		<1.2	U		<9.2	U	
		VMP-16-31-042920	4/29/2020	<3	U		190		J	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U	
		VMP-16-31-072920	7/29/2020	21	J		54			<22	U		<22	U		<22	U		<9.6	U		20			<97	U	
		VMP-16-31-110420	11/4/2020	<6.3	U		53			<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U	
		VMP-16-31-110420-DUP	11/4/2020	<5.8	U		63			<2.5	U		<4.1	U		<4	U		<1.8	U		<2.2	U		<18	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	0.03			<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U	
		VMP-17-5-042820	4/28/2020	0.0053	J		<0.0069	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
		VMP-17-5-072220	7/22/2020	<0.013	J	U	<0.0066	U		<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-17-5-110320	11/3/2020	0.012	J		<0.0065	U		<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.012	U		<0.006	U		<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0036	J		<0.036	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.012	U		<0.0062	U		<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.013			<0.038	U	
		VMP-25-5-042320	4/23/2020	0.0052	J	J	<0.0071	U		<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0012	J		<0.043	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.013	U		<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0017	J		<0.038	U	
		VMP-25-5-072320	7/23/2020	<0.013	J	U	<0.0063	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.013	J	U	<0.0063	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-25-5-103020	10/30/2020	0.0087	J		<0.006	U		<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U	
		VMP-25-5-103020-DUP	10/30/2020	0.0083	J		<0.0062	U		<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0006	J		<0.038	U	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.013	U		<0.0065	U		<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	
		VMP-29-10-042320	4/23/2020	<0.012	U	UJ	0.00095	J		<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0012	J		0.0059	J	
		VMP-29-10-072720	7/27/2020	0.015			0.0009	J		<0.0082	U		<0.0083	U		0.0027	J		0.27			<0.0046	U		<0.036	U	
		VMP-29-10-110220	11/2/2020	0.026			0.00043	J		<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.001	J		<0.036	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.015	U		<0.0074	U		<0.0064	U		<0.01	U		<0.01	U		0.063			<0.0057	U		<0.045	U	
		VMP-29-18-042320	4/23/2020	0.0029	J	J	<0.0055	U		<0.0047	U		<0.0076	U		<0.0076	U		0.039			<0.0042	U		<0.033	U	
		VMP-29-18-072720	7/27/2020	0.014			<0.0062	U		<0.0086	U		<0.0086	U		<0.0085	U		0.84			<0.0047	U		<0.037	U	
		VMP-29-18-110220	11/2/2020	0.022			<0.0058	U		<0.005	U		<0.0081	U		<0.008	U		0.092			0.0022	J		<0.035	U	
	26 ft	VMP-29-26-012420	1/24/2020	<0.014	U		<0.007	U		<0.0061	U		<0.0098	U		<0.0097	U		0.21			0.013			<0.042	U	
		VMP-29-26-042320	4/23/2020	<0.012	U	UJ	<0.006	U		<0.0052	U		<0.0083	U		<0.0082	U		0.022			<0.0046	U		<0.036	U	
		VMP-29-26-042320-DUP	4/23/2020	0.0038	J	J	0.00092	J		<0.0052	U		0.0023	J		<0.0082	U		0.021			<0.0046	U		<0.036	U	
		VMP-29-26-072720	7/27/2020	<0.011	U		<0.0056	U		<0.0078	U		<0.0078	U		0.0045	J		0.38			<0.0043	U		<0.034	U	
		VMP-29-26-110220	11/2/2020	0.016			0.0048	J		<0.0051	U		<0.0082	U		<0.0081	U		0.11			0.00057	J		<0.035	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.012	U		<0.0062	U		<0.0054	U		<0.0087	U		<0.0086	U		0.03			0.00054	J		<0.038	U	
		VMP-30-10-042320	4/23/2020	<0.012	U	J	<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		0.056			<0.0045	U		<0.035	U	
		VMP-30-10-072720	7/27/2020	<0.012	J	U	0.0006	J		<0.0082	U		<0.0083	U		<0.0082	U		0.0072			<0.0045	U		<0.036	U	
		VMP-30-10-110220	11/2/2020	0.026			<0.0058	U		<0.005	U		<0.0081	U		<0.008	U		0.02			0.0022	J		<0.035	U	
	18 ft	VMP-30-18-012420	1/24/2020	0.0035	J		<0.0073	U		<0.0063	U		<0.01	U		<0.01	U		0.026			0.00085	J		<0.044	U	
		VMP-30-18-042320	4/23/2020	0.0058	J	J	0.00062	J		<0.0052	U		<0.0083	U		<0.0082	U		0.015			0.001	J		<0.036	U	
		VMP-30-18-072720	7/27/2020	<0.051	U		<0.025	U		<0.035	U		<0.035	U		<0.035	U		8.4			<0.019	U		<0.15	U	
		VMP-30-18-110220	11/2/2020	0.016			0.00096	J		<0.005	U		<0.008	U		<0.0079	U		0.038			0.0018	J		<0.035	U	
	26 ft	VMP-30-26-012420	1/24/2020	0.0042	J		<0.0068	U		<0.0059	U		<0.0095	U		<0.0094	U		0.043			<0.0052	U		<0.041	U	
		VMP-30-26-042320	4/23/2020	<0.011	ND,UJ	UJ	0.0026	J		<0.0048	U		<0.0077	U		<0.0076	U		0.022			<0.0042	U		<0.033	U	
		VMP-30-26-072720	7/27/2020	0.0078	J		<0.0058	U		<0.0081	U		<0.0082	U		<0.0081	U		3			<0.0045	U		<0.035	U	
		VMP-30-26-110220	11/2/2020	0.026			0.0014	J		<0.0052	U		<0.0084	U		<0.0083	U		0.011			0.0023	J		<0.036	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene		
										8500						4						40000			25		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-41	10 ft	VMP-41-10-012420	1/24/2020	<0.013	U		<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
		VMP-41-10-042320	4/23/2020	0.0033	J		<0.0058	U		<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U	
		VMP-41-10-072920	7/29/2020	0.0066	J		<0.0066	U		<0.0092	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-41-10-072920-DUP	7/29/2020	0.0062	J		<0.0068	U		<0.0094	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	
		VMP-41-10-103020	10/30/2020	0.014			<0.0064	U		<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.013	U		<0.0067	U		<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-41-20-042320	4/23/2020	0.004	J		<0.0067	U		<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	
		VMP-41-20-072920	7/29/2020	0.012	J		<0.0064	J	U	<0.0088	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0021	J		<0.038	U	
		VMP-41-20-103020	10/30/2020	0.0081	J		<0.0058	U		<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.014	U		<0.0072	U		<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U	
		VMP-41-26-012420-DUP	1/24/2020	0.029			<0.007	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0033	J		<0.042	U	
		VMP-41-26-042320	4/23/2020	0.0044	J		<0.007	U		<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	
		VMP-41-26-103020	10/30/2020	0.011	J		<0.0058	U		<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.29	U		<0.15	U		<0.13	U		<0.2	U		<0.2	U		<0.088	U		<0.11	U		<0.88	U	
		VMP-55-20-042820	4/28/2020	<0.068	U		<0.034	U		<0.03	U		<0.048	U		<0.047	U		<0.02	U		<0.026	U		<0.21	U	
		VMP-55-20-072820	7/28/2020	0.011	J		0.0016	J		<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U	
		VMP-55-20-110320	11/3/2020	3.1			0.063	J		0.048	J		<0.44	U		0.1	J		<0.19	U		0.19	J		0.12	J	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				41000			12			5600												4.8			580		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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 ft	VMP-10-5-012420	1/24/2020	<0.0078	U		<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U	
		VMP-10-5-042320	4/23/2020	<0.0068	U		<0.0067	U		<0.007	U		0.0018	J		0.00071	J		0.027			<0.0032	U		<0.0054	U	
		VMP-10-5-073020	7/30/2020	<0.0069	U		<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
		VMP-10-5-103020	10/30/2020	<0.0068	U		<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0065	U		<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-10-10-042320	4/23/2020	<0.0074	U		<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0081			<0.0035	U		<0.0059	U	
		VMP-10-10-073020	7/30/2020	<0.0071	U		<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		<0.0056	U	
		VMP-10-10-103020	10/30/2020	<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0011	J	
	20 ft	VMP-10-20-012420	1/24/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-10-20-042320	4/23/2020	<0.0067	U		<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
		VMP-10-20-073020	7/30/2020	<0.0069	U		<0.0068	U		0.0012	J		0.00085	J		<0.0062	U		0.028			<0.0032	U		<0.0055	U	
		VMP-10-20-103020	10/30/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.0077	U		<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U	
		VMP-11-5-042720	4/27/2020	<0.007	U		<0.0069	U		0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0011	J	
		VMP-11-5-102820	10/28/2020	<0.0066	U		<0.0065	U		0.0016	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.0073	U		<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U	
		VMP-11-8-042720	4/27/2020	<0.0066	U		<0.0065	U		0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
		VMP-11-8-072720	7/27/2020	<0.0069	U		<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0066	U		<0.0065	U		0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
		VMP-11-8-102820	10/28/2020	<0.0066	U		<0.0065	U		0.0018	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.0076	U		<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U	
		VMP-11-29-042720	4/27/2020	<0.0072	U		0.00087	J		0.0013	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0027	J	
		VMP-11-29-042720-DUP	4/27/2020	<0.0066	U		<0.0065	U		0.001	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
		VMP-11-29-072720	7/27/2020	<0.0068	U		0.018			0.001	J		<0.0061	U		<0.0061	U		<0.0058	U		0.018			<0.0054	U	
		VMP-11-29-102820	10/28/2020	<0.0067	U		<0.0066	U		0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0015	J	
	38 ft	VMP-11-38-012920	1/29/2020	<0.0075	U		<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U	
		VMP-11-38-042720	4/27/2020	<0.0065	U		<0.0064	U		0.001	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-11-38-072720	7/27/2020	<0.0067	U		<0.0066	U		0.0011	J		<0.0061	U		<0.0061	U		0.0022	J		<0.0032	U		<0.0054	U	
		VMP-11-38-102820	10/28/2020	<0.0067	U		<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.0075	U		<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U	
		VMP-12-5-042920	4/29/2020	<0.0065	U		<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-12-5-072920	7/29/2020	<0.0067	U		0.0073			0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
		VMP-12-5-110420	11/4/2020	<0.0069	U		<0.0068	U		0.0015	J		0.0012	J		<0.0062	U		0.63			<0.0032	U		<0.0055	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.0067	U		<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
		VMP-12-11.5-042920	4/29/2020	<0.0063	U		<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U	
		VMP-12-11.5-072920	7/29/2020	<0.0069	U		<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
		VMP-12-11.5-110420	11/4/2020	<0.007	U		<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.84			<0.0033	U		<0.0056	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0065	U		<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.82			<0.0031	U		<0.0052	U	
		VMP-12-25-042920	4/29/2020	<0.0061	U		<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U	
		VMP-12-25-072920	7/29/2020	<2	U		<2	U		<2.1	U		<1.8	U		<1.8	U		99			<0.96	U		<1.6	U	
		VMP-12-25-072920-DUP	7/29/2020	<2	U		<1.9	U		<2	U		<1.8	U		<1.8	U		97			<0.92	U		<1.6	U	
		VMP-12-25-110420	11/4/2020	<0.7	U		<0.69	U		<0.72	U		<0.63	U		<0.63	U		14			<0.33	U		<0.56	U	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				41000			12			5600												4.8			580		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.0078	U		<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0078	U		<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U	
		VMP-13-5-042320	4/23/2020	<0.0066	U		<0.0065	U		0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
		VMP-13-5-073020	7/30/2020	<0.0072	U		<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.027			<0.0034	U		<0.0058	U	
		VMP-13-5-110220	11/2/2020	<0.0068	U		<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.008	U		<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U	
		VMP-13-10.5-042320	4/23/2020	<0.0065	U		<0.0064	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-13-10.5-073020	7/30/2020	<0.0071	U		<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-13-10.5-110220	11/2/2020	<0.0065	U		0.0013	J		0.0016	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.0075	U		<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U	
		VMP-13-21.5-042320	4/23/2020	<0.0064	U		<0.0063	U		0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U	
		VMP-13-21.5-073020	7/30/2020	<0.0068	U		<0.0067	U		0.00087	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
		VMP-13-21.5-110220	11/2/2020	<0.007	U		<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.0069	U		<0.0068	U		0.0016	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0072	U		<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		<0.0057	U	
		VMP-13-29.5-073020	7/30/2020	<0.0071	U		<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U	
		VMP-14-5-042320	4/23/2020	<0.0063	U		<0.0062	U		<0.0065	U		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U	
		VMP-14-5-073020	7/30/2020	<0.0069	U		<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		0.00049	J		<0.0032	U		<0.0055	U	
		VMP-14-5-110220	11/2/2020	<0.0065	U		<0.0064	U		0.0011	J		<0.0058	J	U	<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.011			<0.0033	U		0.016		
		VMP-14-11.5-042320	4/23/2020	<0.0065	U		<0.0064	U		0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-14-11.5-073020	7/30/2020	<0.0068	U		<0.0067	U		0.00091	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0077	U		<0.0076	U		0.0012	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U	
		VMP-14-11.5-110220	11/2/2020	<0.0068	U		<0.0067	U		0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U	
	20 ft	VMP-14-20-042320	4/23/2020	<0.0072	U		<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0016	J		<0.0034	U		0.0061		
		VMP-14-20-073020	7/30/2020	<0.007	U		<0.0069	U		0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-14-20-110220	11/2/2020	<0.0066	U		<0.0065	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.0078	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U	
		VMP-15-5-042820	4/28/2020	<0.0072	U		<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0045	J		<0.0034	U		<0.0058	U	
		VMP-15-5-072820	7/28/2020	<0.0077	U		<0.0076	U		0.002	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U	
		VMP-15-5-110320	11/3/2020	<0.0071	U		<0.007	U		0.00093	J		<0.0064	U		<0.0064	U		0.0026	J		<0.0033	U		<0.0057	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.32			<0.0036	U		<0.0062	U	
		VMP-15-21.5-042820	4/28/2020	<0.0077	U		<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		3.7			<0.0036	U		<0.0061	U	
		VMP-15-21.5-072820	7/28/2020	<0.073	U		<0.072	U		<0.076	U		<0.066	U		<0.066	U		20			<0.034	U		<0.058	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.072	U		<0.071	U		<0.074	U		<0.065	U		<0.065	U		23			<0.034	U		<0.057	U	
		VMP-15-21.5-110320	11/3/2020	<0.0071	U		<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.059			<0.0033	U		<0.0057	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.019	U		<0.018	U		<0.019	U		<0.017	U		<0.017	U		7.9			<0.0087	U		<0.015	U	
		VMP-15-25.5-042820	4/28/2020	<0.098	U		<0.097	U		<0.1	U		<0.088	U		<0.088	U		20			<0.046	U		<0.078	U	
		VMP-15-25.5-110320	11/3/2020	<0.028	U		<0.028	U		<0.029	U		<0.026	U		<0.026	U		5.7			<0.013	U		<0.022	U	

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				41000			12			5600												4.8			580		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.0068	U		<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0045	J		<0.0032	U		<0.0054	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0066	U		<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U	
		VMP-16-5-042920	4/29/2020	<0.006	U		<0.0059	U		0.00096	J		<0.0054	U		<0.0054	U		0.00052	J		<0.0028	U		<0.0048	U	
		VMP-16-5-072920	7/29/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		1.6			<0.0033	U		<0.0056	U	
		VMP-16-5-110420	11/4/2020	<0.0066	U		<0.0066	U		0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.00038	J	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<0.88	U		<0.86	U		<0.9	U		0.44	J	J	<0.79	U		1400		J	<0.41	U		<0.7	U	
		VMP-16-13.5-042920	4/29/2020	<0.47	U		<0.46	U		<0.49	U		<0.42	U		<0.42	U		790		J	<0.22	U		<0.38	U	
		VMP-16-13.5-072920	7/29/2020	<10	U		<10	U		<11	U		<9.5	U		<9.5	U		1400			<5	U		<8.4	U	
		VMP-16-13.5-110420	11/4/2020	<0.33	U		<0.32	U		<0.34	U		<0.3	U		<0.3	U		840		J	<0.15	U		<0.26	U	
	19 ft	VMP-16-19-012920	1/29/2020	<1.7	U		<1.7	U		<1.7	U		9.2			<1.5	U		2000			<0.79	U		0.88	J	
		VMP-16-19-042920	4/29/2020	<1	U		<1	U		<1.1	U		12		J	2.1		J	1800		J	<0.5	U		0.71	J	J
		VMP-16-19-072920	7/29/2020	<9.4	U		<9.3	U		<9.7	U		1.9	J		<8.5	U		1300			<4.4	U		<7.5	U	
		VMP-16-19-110420	11/4/2020	<1.4	U		<1.4	U		<1.4	U		2.2			<1.3	U		1500			<0.66	U		<1.1	U	
	31 ft	VMP-16-31-012920	1/29/2020	<1.7	U		<1.7	U		<1.7	U		1.8		J	<1.5	U		2200		J	<0.79	U		<1.4	U	
		VMP-16-31-042920	4/29/2020	<1.7	U		<1.7	U		<1.7	U		6.3		J	<1.5	U		2100		J	<0.79	U		<1.3	U	
		VMP-16-31-072920	7/29/2020	<18	U		<18	U		<18	U		<16	U		<16	U		1400			<8.3	U		<14	U	
		VMP-16-31-110420	11/4/2020	<3.5	U		<3.5	U		<3.6	U		1.2	J		<3.2	U		1300			<1.6	U		<2.8	U	
		VMP-16-31-110420-DUP	11/4/2020	<3.2	U		<3.2	U		<3.3	U		1.2	J		<2.9	U		1400			<1.5	U		<2.6	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.0076	U		<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U	
		VMP-17-5-042820	4/28/2020	<0.0077	U		<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U	
		VMP-17-5-072220	7/22/2020	<0.0074	U		<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U	
		VMP-17-5-110320	11/3/2020	<0.0072	U		<0.0071	U		0.0018	J		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		<0.0057	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.0066	U		<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
		VMP-25-5-012820-DUP	1/28/2020	<0.0069	U		<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.01			<0.0032	U		0.011		
		VMP-25-5-042320	4/23/2020	<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.14			<0.0037	U		<0.0063	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.11			<0.0033	U		<0.0056	U	
		VMP-25-5-072320	7/23/2020	<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0055	J		<0.0033	U		<0.0056	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.007	U		<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.005	J		<0.0033	U		<0.0056	U	
		VMP-25-5-103020	10/30/2020	<0.0067	U		<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.22			<0.0031	U		<0.0053	U	
		VMP-25-5-103020-DUP	10/30/2020	<0.0069	U		<0.0068	U		<0.0071	U		0.0021	J		0.0009	J		0.21			<0.0032	U		0.0011	J	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.0072	U		<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U	
		VMP-29-10-042320	4/23/2020	<0.0064	U		<0.0063	U		0.0016	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U	
		VMP-29-10-072720	7/27/2020	<0.0066	U		<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0021	J		<0.0031	U		<0.0052	U	
		VMP-29-10-110220	11/2/2020	<0.0066	U		<0.0065	U		0.0016	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.00077	J	
	18 ft	VMP-29-18-012420	1/24/2020	<0.0083	U		<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U	
		VMP-29-18-042320	4/23/2020	<0.0061	U		<0.006	U		0.0011	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U	
		VMP-29-18-072720	7/27/2020	<0.0069	U		<0.0068	U		0.00099	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
		VMP-29-18-110220	11/2/2020	<0.0064	U		<0.0063	U		0.0016	J		0.0009	J		<0.0058	U		<0.0055	U		<0.003	U		0.0011	J	
	26 ft	VMP-29-26-012420	1/24/2020	<0.0078	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.011			<0.0036	U		0.011		
		VMP-29-26-042320	4/23/2020	<0.0066	U		<0.0065	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0066	U		<0.0065	U		0.0015	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U	
		VMP-29-26-072720	7/27/2020	<0.0062	U		<0.0061	U		0.0009	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U	
		VMP-29-26-110220	11/2/2020	<0.0065	U		<0.0064	U		0.0017	J		<0.0058	U		<0.0058	U		0.0043	J		<0.003	U		<0.0052	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.0069	U		<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U	
		VMP-30-10-042320	4/23/2020	<0.0065	U		<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-30-10-072720	7/27/2020	<0.0066	U		<0.0065	U		0.00088	J		<0.0059	U		<0.0059	U		0.0013	J		<0.0031	U		<0.0052	U	
		VMP-30-10-110220	11/2/2020	<0.0064	U		<0.0063	U		0.002	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0009	J	
	18 ft	VMP-30-18-012420	1/24/2020	<0.0081	U		<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0038	U		<0.0064	U	
		VMP-30-18-042320	4/23/2020	<0.0066	U		<0.0065	U		0.0012	J		<0.0059	U		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U	
		VMP-30-18-072720	7/27/2020	<0.028	U		<0.028	U		<0.029	U		<0.025	U		<0.025	U		<0.024	U		<0.013	U		<0.022	U	
		VMP-30-18-110220	11/2/2020	<0.0064	U		<0.0063	U		0.0021	J		0.00092	J		<0.0058	U		0.0032	J		<0.003	U		0.00093	J	
	26 ft	VMP-30-26-012420	1/24/2020	<0.0076	U		<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U	
		VMP-30-26-042320	4/23/2020	<0.0061	U		<0.006	U		0.0013	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U	
		VMP-30-26-072720	7/27/2020	<0.0065	U		<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-30-26-110220	11/2/2020	<0.0067	U		<0.0066	U		0.0018	J		0.0013	J		<0.006	U		0.0032	J		<0.0031	U		0.002	J	

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes		
				41000			12			5600												4.8			580		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab 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-41	10 ft	VMP-41-10-012420	1/24/2020	<0.0071	U		<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U	
		VMP-41-10-042320	4/23/2020	<0.0065	U		<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U	
		VMP-41-10-072920	7/29/2020	<0.0074	U		<0.0072	U		0.00093	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0059	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.0076	U		<0.0074	U		0.0011	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U	
		VMP-41-10-103020	10/30/2020	<0.0071	U		<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.0074	U		<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U	
		VMP-41-20-042320	4/23/2020	<0.0074	U		<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U	
		VMP-41-20-072920	7/29/2020	<0.0071	U		<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		0.0038	J		<0.0033	U		<0.0056	U	
		VMP-41-20-103020	10/30/2020	<0.0064	U		<0.0063	U		0.0018	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.008	U		<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U	
		VMP-41-26-042320	4/23/2020	<0.0077	U		<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U	
		VMP-41-26-103020	10/30/2020	<0.0064	U		<0.0063	U		0.0018	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.16	U		<0.16	U		<0.17	U		<0.14	U		<0.15	U		100		J	<0.076	U		<0.13	U	
		VMP-55-20-042820	4/28/2020	<0.038	U		<0.037	U		<0.039	U		<0.034	U		<0.034	U		10			<0.018	U		<0.03	U	
		VMP-55-20-072820	7/28/2020	<0.0079	U		<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.12			<0.0037	U		<0.0063	U	
		VMP-55-20-110320	11/3/2020	<0.35	U		1.9			0.082	J		0.065	J		0.046	J		35			<0.16	U		0.12	J	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				790		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012420	1/24/2020	<0.0062	U	
		VMP-10-5-042320	4/23/2020	<0.0054	U	
		VMP-10-5-073020	7/30/2020	<0.0055	U	
		VMP-10-5-103020	10/30/2020	<0.0054	U	
	10 ft	VMP-10-10-012420	1/24/2020	<0.0052	U	
		VMP-10-10-042320	4/23/2020	<0.0059	U	
		VMP-10-10-073020	7/30/2020	<0.0056	U	
		VMP-10-10-103020	10/30/2020	0.0007	J	
	20 ft	VMP-10-20-012420	1/24/2020	<0.0056	U	
		VMP-10-20-042320	4/23/2020	<0.0053	U	
		VMP-10-20-073020	7/30/2020	<0.0055	U	
		VMP-10-20-103020	10/30/2020	<0.0056	U	
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	<0.0061	U	
		VMP-11-5-042720	4/27/2020	<0.0056	U	
		VMP-11-5-102820	10/28/2020	<0.0052	U	
	8 ft	VMP-11-8-012920	1/29/2020	<0.0058	U	
		VMP-11-8-042720	4/27/2020	<0.0052	U	
		VMP-11-8-072720	7/27/2020	<0.0055	U	
		VMP-11-8-072720-DUP	7/27/2020	<0.0052	U	
		VMP-11-8-102820	10/28/2020	<0.0052	U	
	29 ft	VMP-11-29-012920	1/29/2020	<0.0061	U	
		VMP-11-29-042720	4/27/2020	0.00094	J	
		VMP-11-29-042720-DUP	4/27/2020	<0.0052	U	
		VMP-11-29-072720	7/27/2020	<0.0054	U	
		VMP-11-29-102820	10/28/2020	<0.0053	U	
	38 ft	VMP-11-38-012920	1/29/2020	<0.0059	U	
		VMP-11-38-042720	4/27/2020	<0.0052	U	
		VMP-11-38-072720	7/27/2020	<0.0054	U	
		VMP-11-38-102820	10/28/2020	<0.0054	U	
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	<0.0059	U	
		VMP-12-5-042920	4/29/2020	<0.0052	U	
		VMP-12-5-072920	7/29/2020	<0.0053	U	
		VMP-12-5-110420	11/4/2020	<0.0055	U	
	11.5 ft	VMP-12-11.5-012920	1/29/2020	<0.0053	U	
		VMP-12-11.5-042920	4/29/2020	<0.005	U	
		VMP-12-11.5-072920	7/29/2020	<0.0055	U	
		VMP-12-11.5-110420	11/4/2020	<0.0056	U	
	25 ft	VMP-12-25-012920	1/29/2020	<0.0056	U	
		VMP-12-25-012920-DUP	1/29/2020	<0.0052	U	
		VMP-12-25-042920	4/29/2020	<0.0048	U	
		VMP-12-25-072920	7/29/2020	<1.6	U	
		VMP-12-25-072920-DUP	7/29/2020	<1.6	U	
		VMP-12-25-110420	11/4/2020	<0.56	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				790		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	<0.0062	U	
		VMP-13-5-012420-DUP	1/24/2020	<0.0062	U	
		VMP-13-5-042320	4/23/2020	<0.0052	U	
		VMP-13-5-073020	7/30/2020	<0.0058	U	
		VMP-13-5-110220	11/2/2020	<0.0054	U	
	10.5 ft	VMP-13-10.5-012420	1/24/2020	<0.0064	U	
		VMP-13-10.5-042320	4/23/2020	<0.0052	U	
		VMP-13-10.5-073020	7/30/2020	<0.0056	U	
		VMP-13-10.5-110220	11/2/2020	<0.0052	U	
	21.5 ft	VMP-13-21.5-012420	1/24/2020	<0.0059	U	
		VMP-13-21.5-042320	4/23/2020	<0.005	U	
		VMP-13-21.5-073020	7/30/2020	<0.0054	U	
		VMP-13-21.5-110220	11/2/2020	<0.0056	U	
		VMP-13-21.5-110220-DUP	11/2/2020	<0.0055	U	
	29.5 ft	VMP-13-29.5-042320	4/23/2020	<0.0057	U	
		VMP-13-29.5-073020	7/30/2020	<0.0056	U	
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	<0.0063	U	
		VMP-14-5-042320	4/23/2020	<0.005	U	
		VMP-14-5-073020	7/30/2020	<0.0055	U	
		VMP-14-5-110220	11/2/2020	<0.0051	U	
	11.5 ft	VMP-14-11.5-012820	1/28/2020	0.006		
		VMP-14-11.5-042320	4/23/2020	<0.0052	U	
		VMP-14-11.5-073020	7/30/2020	<0.0054	U	
		VMP-14-11.5-073020-DUP	7/30/2020	<0.0061	U	
		VMP-14-11.5-110220	11/2/2020	<0.0054	U	
	20 ft	VMP-14-20-042320	4/23/2020	0.0015	J	
		VMP-14-20-073020	7/30/2020	<0.0056	U	
		VMP-14-20-110220	11/2/2020	<0.0053	U	
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	<0.0062	U	
		VMP-15-5-042820	4/28/2020	<0.0058	U	
		VMP-15-5-072820	7/28/2020	<0.0061	U	
		VMP-15-5-110320	11/3/2020	<0.0057	U	
	21.5 ft	VMP-15-21.5-012820	1/28/2020	<0.0062	U	
		VMP-15-21.5-042820	4/28/2020	<0.0061	U	
		VMP-15-21.5-072820	7/28/2020	<0.058	U	
		VMP-15-21.5-072820-DUP	7/28/2020	<0.057	U	
		VMP-15-21.5-110320	11/3/2020	<0.0057	U	
	25.5 ft	VMP-15-25.5-012820	1/28/2020	<0.015	U	
		VMP-15-25.5-042820	4/28/2020	<0.078	U	
		VMP-15-25.5-110320	11/3/2020	<0.022	U	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				790		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	<0.0054	U	
		VMP-16-5-012920-DUP	1/29/2020	<0.0052	U	
		VMP-16-5-042920	4/29/2020	<0.0048	U	
		VMP-16-5-072920	7/29/2020	<0.0056	U	
		VMP-16-5-110420	11/4/2020	<0.0053	U	
	13.5 ft	VMP-16-13.5-012920	1/29/2020	<0.7	U	
		VMP-16-13.5-042920	4/29/2020	<0.38	U	
		VMP-16-13.5-072920	7/29/2020	<8.4	U	
		VMP-16-13.5-110420	11/4/2020	<0.26	U	
	19 ft	VMP-16-19-012920	1/29/2020	<1.3	U	
		VMP-16-19-042920	4/29/2020	0.33	J	J
		VMP-16-19-072920	7/29/2020	<7.5	U	
		VMP-16-19-110420	11/4/2020	<1.1	U	
	31 ft	VMP-16-31-012920	1/29/2020	<1.4	U	
		VMP-16-31-042920	4/29/2020	0.25	J	J
		VMP-16-31-072920	7/29/2020	<14	U	
		VMP-16-31-110420	11/4/2020	<2.8	U	
		VMP-16-31-110420-DUP	11/4/2020	<2.6	U	
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	<0.006	U	
		VMP-17-5-042820	4/28/2020	<0.0061	U	
		VMP-17-5-072220	7/22/2020	<0.0059	U	
		VMP-17-5-110320	11/3/2020	<0.0057	U	
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	<0.0053	U	
		VMP-25-5-012820-DUP	1/28/2020	0.0037	J	
		VMP-25-5-042320	4/23/2020	<0.0063	U	
		VMP-25-5-042320-DUP	4/23/2020	<0.0056	U	
		VMP-25-5-072320	7/23/2020	<0.0056	U	
		VMP-25-5-072320-DUP	7/23/2020	<0.0056	U	
		VMP-25-5-103020	10/30/2020	<0.0053	U	
		VMP-25-5-103020-DUP	10/30/2020	0.00086	J	
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	<0.0058	U	
		VMP-29-10-042320	4/23/2020	<0.0051	U	
		VMP-29-10-072720	7/27/2020	<0.0052	U	
		VMP-29-10-110220	11/2/2020	<0.0053	U	
	18 ft	VMP-29-18-012420	1/24/2020	<0.0066	U	
		VMP-29-18-042320	4/23/2020	<0.0048	U	
		VMP-29-18-072720	7/27/2020	<0.0055	U	
		VMP-29-18-110220	11/2/2020	<0.0051	U	
	26 ft	VMP-29-26-012420	1/24/2020	0.0029	J	
		VMP-29-26-042320	4/23/2020	<0.0053	U	
		VMP-29-26-042320-DUP	4/23/2020	<0.0052	U	
		VMP-29-26-072720	7/27/2020	<0.005	U	
		VMP-29-26-110220	11/2/2020	<0.0052	U	
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	<0.0055	U	
		VMP-30-10-042320	4/23/2020	<0.0052	U	
		VMP-30-10-072720	7/27/2020	<0.0052	U	
		VMP-30-10-110220	11/2/2020	<0.0051	U	
	18 ft	VMP-30-18-012420	1/24/2020	<0.0064	U	
		VMP-30-18-042320	4/23/2020	<0.0052	U	
		VMP-30-18-072720	7/27/2020	<0.022	U	
		VMP-30-18-110220	11/2/2020	<0.0051	U	
	26 ft	VMP-30-26-012420	1/24/2020	<0.006	U	
		VMP-30-26-042320	4/23/2020	<0.0049	U	
		VMP-30-26-072720	7/27/2020	<0.0052	U	
		VMP-30-26-110220	11/2/2020	0.001	J	

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

Location	Depth	Sample ID	Sample Date	o-Xylenes		
				790		
				Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012420	1/24/2020	<0.0056	U	
		VMP-41-10-042320	4/23/2020	<0.0052	U	
		VMP-41-10-072920	7/29/2020	<0.0059	U	
		VMP-41-10-072920-DUP	7/29/2020	<0.006	U	
		VMP-41-10-103020	10/30/2020	<0.0056	U	
	20 ft	VMP-41-20-012420	1/24/2020	<0.0059	U	
		VMP-41-20-042320	4/23/2020	<0.0059	U	
		VMP-41-20-072920	7/29/2020	<0.0056	U	
		VMP-41-20-103020	10/30/2020	<0.0051	U	
	26 ft	VMP-41-26-012420	1/24/2020	<0.0064	U	
		VMP-41-26-012420-DUP	1/24/2020	<0.0062	U	
		VMP-41-26-042320	4/23/2020	<0.0061	U	
		VMP-41-26-103020	10/30/2020	<0.0051	U	
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	<0.13	U	
		VMP-55-20-042820	4/28/2020	<0.03	U	
		VMP-55-20-072820	7/28/2020	<0.0063	U	
		VMP-55-20-110320	11/3/2020	0.063	J	

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

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

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

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012720	1/27/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-1-5-042420	4/24/2020	0.23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-1-5-072820	7/28/2020	0.74			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-1-5-110220	11/2/2020	0.98			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			18		
	8.5 ft	VMP-1-8.5-012720	1/27/2020	0.15			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-1-8.5-042420	4/24/2020	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-1-8.5-072820	7/28/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-1-8.5-110220	11/2/2020	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			18		
	23.5 ft	VMP-1-23.5-012720	1/27/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-1-23.5-042420	4/24/2020	0.21			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		79			21		
		VMP-1-23.5-072820	7/28/2020	0.74			<0.026	U		<0.0026	U		<0.0026	U		0.0084	J		<0.00026	U		80			19		
		VMP-1-23.5-110220	11/2/2020	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			18		
	38.5 ft	VMP-1-38.5-012720	1/27/2020	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		80			20		
		VMP-1-38.5-072820	7/28/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-1-38.5-110220	11/2/2020	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		81			18		
VMP-2	5 ft	VMP-2-5-012420	1/24/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-2-5-042420	4/24/2020	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-2-5-072420	7/24/2020	6.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		82			12		
		VMP-2-5-110420	11/4/2020	5.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			16		
	8.5 ft	VMP-2-8.5-012420	1/24/2020	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-2-8.5-042420	4/24/2020	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-2-8.5-072420	7/24/2020	4			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		80			16		
		VMP-2-8.5-110420	11/4/2020	5.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			16		
	22 ft	VMP-2-22-012420	1/24/2020	3.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-2-22-042420	4/24/2020	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-2-22-042420-DUP	4/24/2020	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-2-22-072420	7/24/2020	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-2-22-110420	11/4/2020	5.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.098			79			16		
VMP-3	5 ft	VMP-3-5-012720	1/27/2020	0.051			<0.034	U		<0.0034	U		<0.0034	U		0.05	J	J	<0.00034	U		80			20		
		VMP-3-5-012720-DUP	1/27/2020	0.047			<0.027	U		<0.0027	U		<0.0027	U		2.7		J	<0.00027	U		78			19		
		VMP-3-5-042920	4/29/2020	0.1			<0.027	U		<0.0027	U		<0.0027	U		0.099	J		0.00013	J		80			20		
		VMP-3-5-072920	7/29/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		0.79			0.00021	J		79			20		
		VMP-3-5-110420	11/4/2020	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.0072	J		0.00036			80			20		
	10 ft	VMP-3-10-022120	2/21/2020	0.47			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0013			80			20		
		VMP-3-10-072920	7/29/2020	0.28			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.00031			78			21		
		VMP-3-10-110420	11/4/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		0.0067	J		0.0015			80			19		
	22 ft	VMP-3-22-012720	1/27/2020	0.81			<0.026	U		<0.0026	U		<0.0026	U		0.0091	J		0.00095			81			18		
		VMP-3-22-042920	4/29/2020	0.53			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-3-22-072920	7/29/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			20		
		VMP-3-22-110420	11/4/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.0012			81			17		
	31.5 ft	VMP-3-31.5-022120	2/21/2020	13			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.03			84			3.2		
		VMP-3-31.5-042920	4/29/2020	12		J	<0.026	U		0.00019	J	J	<0.0026	U		0.0077	J	J	1.2		J	79		J	7.3		J
		VMP-3-31.5-072920	7/29/2020	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.018			80			15		
		VMP-3-31.5-110420	11/4/2020	12			<0.025	U		0.001	J		<0.0025	U		<0.13	U		5.3			80			1.5		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012320	1/23/2020	0.096			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00048			79			21		
		VMP-4-5-042820	4/28/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.026	J		<0.00026	U		80			20		
		VMP-4-5-073020	7/30/2020	0.37			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-4-5-073020-DUP	7/30/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-4-5-103020	10/30/2020	0.98			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00016	J		79			20		
	12 ft	VMP-4-12-012320	1/23/2020	0.1			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		0.0007			79			21		
		VMP-4-12-042820	4/28/2020	0.26			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-4-12-073020	7/30/2020	0.66			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-4-12-103020	10/30/2020	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00084			80			19		
	23.5 ft	VMP-4-23.5-012320	1/23/2020	2.2			<0.027	U		<0.0027	U		<0.0027	U		0.008	J		<0.00027	U		79			19		
		VMP-4-23.5-042820	4/28/2020	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00018	J		79			19		
		VMP-4-23.5-073020	7/30/2020	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-4-23.5-103020	10/30/2020	4.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		83			12		
		VMP-4-23.5-103020-DUP	10/30/2020	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			12		
VMP-5	5 ft	VMP-5-5-012820	1/28/2020	0.076			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			20		
		VMP-5-5-042720	4/27/2020	0.05			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J		79			21		
		VMP-5-5-072320	7/23/2020	0.51			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-5-5-103020	10/30/2020	0.91			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		<0.00024	U		78			21		
	12.5 ft	VMP-5-12.5-012820	1/28/2020	0.25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-5-12.5-042720	4/27/2020	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-5-12.5-072320	7/23/2020	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.037	J		<0.00025	U		80			19		
		VMP-5-12.5-103020	10/30/2020	2.9			<0.025	U		<0.0025	U		<0.0025	U		1.6			<0.00025	U		78			18		
	31 ft	VMP-5-31-012820	1/28/2020	0.83			<0.025	U		<0.0025	U		<0.0025	U		0.062	J		0.0016			79			20		
		VMP-5-31-042720	4/27/2020	0.74			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-5-31-072320	7/23/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.001			80			19		
		VMP-5-31-072320-DUP	7/23/2020	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00097			80			19		
		VMP-5-31-103020	10/30/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.0024			80			18		
		VMP-5-31-103020-DUP	10/30/2020	2.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0024			80			18		
VMP-6	5 ft	VMP-6-5-012320	1/23/2020	0.2			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		<0.00029	U		80			20		
		VMP-6-5-042720	4/27/2020	0.058			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00017	J		79			21		
		VMP-6-5-072220	7/22/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			18		
		VMP-6-5-102920	10/29/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		78			20		
	10 ft	VMP-6-10-012320	1/23/2020	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-6-10-042720	4/27/2020	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-6-10-072220	7/22/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		80			19		
		VMP-6-10-102920	10/29/2020	3.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
	31.5 ft	VMP-6-31.5-022120	2/21/2020	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000091	J		79			19		
		VMP-6-31.5-042720	4/27/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-6-31.5-072220	7/22/2020	2			<0.027	U		<0.0027	U		<0.0027	U		0.018	J		0.0049			79			19		
		VMP-6-31.5-102920	10/29/2020	4.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		80			15		
VMP-7	5 ft	VMP-7-5-012720	1/27/2020	0.06			<0.026	U		<0.0026	U		<0.0026	U		3.6			<0.00026	U		76			20		
		VMP-7-5-042720	4/27/2020	0.074			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			20		
		VMP-7-5-073020	7/30/2020	0.76			<0.024	U		<0.0024	U		<0.0024	U		0.007	J		<0.00024	U		80			19		
		VMP-7-5-110420	11/4/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	13.5 ft	VMP-7-13.5-012720	1/27/2020	0.1			<0.024	U		<0.0024	U		<0.0024	U		0.0079	J		<0.00024	U		79			21		
		VMP-7-13.5-042720	4/27/2020	0.14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-7-13.5-073020	7/30/2020	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.014	J		<0.00026	U		79			20		
		VMP-7-13.5-110420	11/4/2020	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	29.5 ft	VMP-7-29.5-012720	1/27/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.02	J		<0.00025	U		78			20		
		VMP-7-29.5-012720-DUP	1/27/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		78			20		
		VMP-7-29.5-042720	4/27/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-7-29.5-073020	7/30/2020	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-7-29.5-110420	11/4/2020	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		

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TABLE 7
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Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-012220	1/22/2020	1.9			<0.028	U		<0.0028	U		<0.0028	U		0.008	J		<0.00028	U		80			18		
		VMP-8-5-012220-DUP	1/22/2020	1.8			<0.028	U		<0.0028	U		<0.0028	U		0.0094	J		<0.00028	U		80			18		
		VMP-8-5-042220	4/22/2020	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-8-5-072220	7/22/2020	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			16		
		VMP-8-5-102820	10/28/2020	0.67			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	9.5 ft	VMP-8-9.5-012220	1/22/2020	2.5			<0.028	U		<0.0028	U		<0.0028	U		0.044	J		<0.00028	U		80			18		
		VMP-8-9.5-042220	4/22/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-8-9.5-072220	7/22/2020	4			<0.026	U		<0.0026	U		<0.0026	U		0.0078	J		<0.00026	U		80			16		
		VMP-8-9.5-072220-DUP	7/22/2020	4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-8-9.5-102820	10/28/2020	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
	23.5 ft	VMP-8-23.5-012220	1/22/2020	3.6			<0.027	U		<0.0027	U		<0.0027	U		0.0086	J		<0.00027	U		78			18		
		VMP-8-23.5-042220	4/22/2020	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-8-23.5-072220	7/22/2020	3.5			<0.024	U		<0.0024	U		<0.0024	U		0.0077	J		0.0072			80			16		
		VMP-8-23.5-102820	10/28/2020	4.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
	35.5 ft	VMP-8-35.5-012220	1/22/2020	1.1			<0.027	U		<0.0027	U		<0.0027	U		0.0085	J		<0.00027	U		80			19		
		VMP-8-35.5-042220	4/22/2020	0.7			<0.026	U		<0.0026	U		<0.0026	U		0.048	J		<0.00026	U		79			20		
		VMP-8-35.5-072220	7/22/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.46			<0.00024	U		80			18		
		VMP-8-35.5-102820	10/28/2020	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-8-35.5-102820-DUP	10/28/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
VMP-9	5 ft	VMP-9-5-012220	1/22/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-9-5-042220	4/22/2020	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.086	J		0.000096	J		79			21		
		VMP-9-5-072220	7/22/2020	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			17		
		VMP-9-5-072220-DUP	7/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-9-5-102820	10/28/2020	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		79			21		
	11.5 ft	VMP-9-11.5-012220	1/22/2020	0.27			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-9-11.5-042220	4/22/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		0.043	J		<0.00026	U		79			21		
		VMP-9-11.5-072220	7/22/2020	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-9-11.5-102820	10/28/2020	0.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
	25.5 ft	VMP-9-25.5-012220	1/22/2020	0.68			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-9-25.5-042220	4/22/2020	0.51			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-9-25.5-042220-DUP	4/22/2020	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-9-25.5-072220	7/22/2020	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		78			20		
		VMP-9-25.5-102820	10/28/2020	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-9-25.5-102820-DUP	10/28/2020	2			<0.024	U		<0.0024	U		<0.0024	U		0.0087	J		<0.00024	U		79			19		
VMP-10	5 ft	VMP-10-5-012420	1/24/2020	0.16			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-10-5-042320	4/23/2020	0.54			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-10-5-073020	7/30/2020	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-10-5-103020	10/30/2020	0.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	10 ft	VMP-10-10-012420	1/24/2020	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-10-10-042320	4/23/2020	0.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			21		
		VMP-10-10-073020	7/30/2020	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-10-10-103020	10/30/2020	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			21		
	20 ft	VMP-10-20-012420	1/24/2020	0.64			<0.026	U		<0.0026	U		<0.0026	U		0.0078	J		<0.00026	U		79			20		
		VMP-10-20-042320	4/23/2020	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-10-20-073020	7/30/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-10-20-103020	10/30/2020	0.21			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5-012920	1/29/2020	0.48			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-11-5-042720	4/27/2020	0.85			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			20		
		VMP-11-5-102820	10/28/2020	0.077			<0.024	U		<0.0024	U		<0.0024	U		0.033	J		0.00017	J		79			21		
	8 ft	VMP-11-8-012920	1/29/2020	0.31			<0.027	U		<0.0027	U		<0.0027	U		0.013	J		<0.00027	U		80			20		
		VMP-11-8-042720	4/27/2020	0.81			<0.024	U		<0.0024	U		<0.0024	U		0.052	J		<0.00024	U		79			20		
		VMP-11-8-072720	7/27/2020	5.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00016	J		81			14		
		VMP-11-8-072720-DUP	7/27/2020	5.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00018	J		81			14		
		VMP-11-8-102820	10/28/2020	0.11			<0.024	U		<0.0024	U		<0.0024	U		0.0092	J		0.00013	J		79			21		
	29 ft	VMP-11-29-012920	1/29/2020	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-11-29-042720	4/27/2020	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		79			20		
		VMP-11-29-042720-DUP	4/27/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-29-072720	7/27/2020	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-11-29-102820	10/28/2020	0.11			<0.024	U		<0.0024	U		<0.0024	U		0.036	J		0.00012	J		79			21		
	38 ft	VMP-11-38-012920	1/29/2020	0.37			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-11-38-042720	4/27/2020	0.73			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		0.00016	J		78			21		
		VMP-11-38-072720	7/27/2020	5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00038			80			15		
		VMP-11-38-102820	10/28/2020	0.075			<0.025	U		<0.0025	U		<0.0025	U		0.082	J		0.00023	J		79			21		
VMP-12	5 ft	VMP-12-5-012920	1/29/2020	0.038			<0.027	U		<0.0027	U		<0.0027	U		0.091	J		0.00012	J		81			19		
		VMP-12-5-042920	4/29/2020	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-12-5-072920	7/29/2020	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.0076	J		<0.00024	U		82			18		
		VMP-12-5-110420	11/4/2020	0.076			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0082			79			21		
	11.5 ft	VMP-12-11.5-012920	1/29/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		0.0079	J		0.00061			82			16		
		VMP-12-11.5-042920	4/29/2020	0.37			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-12-11.5-072920	7/29/2020	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		84			14		
		VMP-12-11.5-110420	11/4/2020	0.089			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		79			21		
	25 ft	VMP-12-25-012920	1/29/2020	12			<0.026	U		<0.0026	U		<0.0026	U		0.03	J		0.02			85			2.5		
		VMP-12-25-012920-DUP	1/29/2020	12			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		0.02			86			2.4		
		VMP-12-25-042920	4/29/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-12-25-072920	7/29/2020	13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.27			85			1.5		
		VMP-12-25-072920-DUP	7/29/2020	13			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.28			85			1.5		
		VMP-12-25-110420	11/4/2020	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.079			84			5.2		
VMP-13	5 ft	VMP-13-5-012420	1/24/2020	0.24			<0.028	U		<0.0028	U		<0.0028	U		0.02	J		<0.00028	U		79			21		
		VMP-13-5-012420-DUP	1/24/2020	0.2			<0.028	U		<0.0028	U		<0.0028	U		0.056	J		<0.00028	U		79			21		
		VMP-13-5-042320	4/23/2020	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-13-5-073020	7/30/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			18		
		VMP-13-5-110220	11/2/2020	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
	10.5 ft	VMP-13-10.5-012420	1/24/2020	0.27			<0.029	U		<0.0029	U		<0.0029	U		0.14	J		<0.00029	U		79			21		
		VMP-13-10.5-042320	4/23/2020	0.22			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-13-10.5-073020	7/30/2020	0.61			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00016	J		79			20		
		VMP-13-10.5-110220	11/2/2020	0.21			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	21.5 ft	VMP-13-21.5-012420	1/24/2020	0.48			<0.027	U		<0.0027	U		<0.0027	U		0.033	J		<0.00027	U		80			20		
		VMP-13-21.5-042320	4/23/2020	0.34			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-21.5-073020	7/30/2020	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		0.00038			80			20		
		VMP-13-21.5-110220	11/2/2020	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-13-21.5-110220-DUP	11/2/2020	0.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00014	J		80			20		
	29.5 ft	VMP-13-29.5-042320	4/23/2020	0.25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-13-29.5-073020	7/30/2020	0.67			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5-012820	1/28/2020	0.27			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-14-5-042320	4/23/2020	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			20		
		VMP-14-5-073020	7/30/2020	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00034			88			7.5		
		VMP-14-5-110220	11/2/2020	0.21			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	11.5 ft	VMP-14-11.5-012820	1/28/2020	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-14-11.5-042320	4/23/2020	0.4			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		80			20		
		VMP-14-11.5-073020	7/30/2020	3.6			<0.025	U		<0.0025	U		<0.0025	U		0.023	J		0.00014	J		85			11		
		VMP-14-11.5-073020-DUP	7/30/2020	4.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00022	J		84			12		
		VMP-14-11.5-110220	11/2/2020	0.21			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		<0.00025	U		80			20		
	20 ft	VMP-14-20-042320	4/23/2020	6.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		80			13		
		VMP-14-20-073020	7/30/2020	10			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00037			83			6.7		
		VMP-14-20-110220	11/2/2020	7.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		81			12		
VMP-15	5 ft	VMP-15-5-012820	1/28/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			17		
		VMP-15-5-042820	4/28/2020	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			18		
		VMP-15-5-072820	7/28/2020	7.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		85			8.2		
		VMP-15-5-110320	11/3/2020	3.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			15		
	21.5 ft	VMP-15-21.5-012820	1/28/2020	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.25			86			1.5		
		VMP-15-21.5-042820	4/28/2020	15			<0.028	U		<0.0028	U		<0.0028	U		0.015	J		3.3			80			1.7		
		VMP-15-21.5-072820	7/28/2020	14			<0.027	U		0.00034	J		<0.0027	U		<0.13	U		6.2			78			1.4		
		VMP-15-21.5-072820-DUP	7/28/2020	15			<0.026	U		0.00056	J		<0.0026	U		<0.13	U		6.4			77			1.4		
		VMP-15-21.5-110320	11/3/2020	15			<0.026	U		<0.0026	U		<0.0026	U		0.0084	J		0.071			82			2.4		
	25.5 ft	VMP-15-25.5-012820	1/28/2020	18			<0.027	U		0.00015	J		<0.0027	U		<0.14	U		0.65			80			1.4		
		VMP-15-25.5-042820	4/28/2020	19			<0.027	U		0.00077	J		<0.0027	U		<0.14	U		3.3			76			1.3		
		VMP-15-25.5-110320	11/3/2020	19			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.11			78			2.5		
VMP-16	5 ft	VMP-16-5-012920	1/29/2020	6.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		84			10		
		VMP-16-5-012920-DUP	1/29/2020	6.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			10		
		VMP-16-5-042920	4/29/2020	4.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
		VMP-16-5-072920	7/29/2020	19			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0022			79			2.1		
		VMP-16-5-110420	11/4/2020	4			<0.024	U		<0.0024	U		<0.0024	U		0.0071	J		<0.00024	U		78			18		
	13.5 ft	VMP-16-13.5-012920	1/29/2020	15			<0.026	U		0.00011	J		<0.0026	U		<0.13	U		5.6			78			1.3		
		VMP-16-13.5-042920	4/29/2020	16		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.63		J	82		J	1.4		J
		VMP-16-13.5-072920	7/29/2020	16			<0.027	U		0.00024	J		<0.0027	U		<0.14	U		6.2			76			1.4		
		VMP-16-13.5-110420	11/4/2020	30			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.81			68			1.5		
	19 ft	VMP-16-19-012920	1/29/2020	16			<0.025	U		0.00015	J		<0.0025	U		<0.12	U		7			76			1.3		
		VMP-16-19-042920	4/29/2020	15		J	<0.023	U		0.00016	J	J	<0.0023	U		<0.12	U		5.4		J	78		J	1.7		J
		VMP-16-19-072920	7/29/2020	16			<0.024	U		0.00024	J		<0.0024	U		<0.12	U		6.7			76			1.6		
		VMP-16-19-110420	11/4/2020	21			<0.026	U		0.00036	J		<0.0026	U		<0.13	U		11			66			1.3		
	31 ft	VMP-16-31-012920	1/29/2020	16			<0.025	U		0.00017	J		<0.0025	U		<0.12	U		8.4			74			1.2		
		VMP-16-31-042920	4/29/2020	15		J	<0.025	U		0.0002	J	J	<0.0025	U		<0.12	U		7		J	76		J	1.3		J
		VMP-16-31-072920	7/29/2020	16			<0.026	U		0.00022	J		<0.0026	U		<0.13	U		7.2			75			1.4		
		VMP-16-31-110420	11/4/2020	19			<0.026	U		0.00039	J		<0.0026	U		0.15			12			67			1.2		
		VMP-16-31-110420-DUP	11/4/2020	19			<0.024	U		0.0004	J		<0.0024	U		0.0064	J		13			67			1.1		
VMP-17	5 ft	VMP-17-5-012220	1/22/2020	0.14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-17-5-042820	4/28/2020	0.57			<0.028	U		<0.0028	U		<0.0028	U		0.2	J		<0.00028	U		79			20		
		VMP-17-5-072220	7/22/2020	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-17-5-110320	11/3/2020	0.063			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
VMP-18	8.5 ft	VMP-18-8.5-012420	1/24/2020	2			<0.03	U		<0.003	U		<0.003	U		0.0083	J		<0.0003	U		78			20		
		VMP-18-8.5-042920	4/29/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-18-8.5-042920-DUP	4/29/2020	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-18-8.5-112420	11/24/2020	0.29			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
VMP-19	5 ft	VMP-19-5-022120	2/21/2020	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-19-5-043020	4/30/2020	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.15			<0.00024	U		79			20		
		VMP-19-5-043020-DUP	4/30/2020	0.35			<0.024	U		<0.0024	U		<0.0024	U		0.16			<0.00024	U		79			20		
		VMP-19-5-072720	7/27/2020	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-19-5-110420	11/4/2020	0.07			<0.026	U		<0.0026	U		<0.0026	U		0.13			0.00015	J		79			21		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012420	1/24/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		7.6			0.00009	J		74			16		
		VMP-20-5-022120	2/21/2020	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
		VMP-20-5-042420	4/24/2020	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-20-5-072320	7/23/2020	14			<0.024	U		<0.0024	U		<0.0024	U		0.0092	J		<0.00024	U		78			8		
		VMP-20-5-112420	11/24/2020	8.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			14		
	10 ft	VMP-20-10-012420	1/24/2020	6.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			15		
		VMP-20-10-042420	4/24/2020	6.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			15		
		VMP-20-10-072320	7/23/2020	13			<0.025	U		<0.0025	U		<0.0025	U		0.0064	J		<0.00025	U		79			8.4		
		VMP-20-10-110220	11/2/2020	8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			14		
	25 ft	VMP-20-25-012420	1/24/2020	5.4			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		80			15		
		VMP-20-25-042420	4/24/2020	5.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
		VMP-20-25-072320	7/23/2020	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-20-25-110220	11/2/2020	4.9			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		<0.00023	U		79			16		
VMP-21	5 ft	VMP-21-5-012220	1/22/2020	0.84			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-21-5-042320	4/23/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-21-5-072420	7/24/2020	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			18		
		VMP-21-5-102920	10/29/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.028	J		<0.00025	U		80			19		
	10 ft	VMP-21-10-012220	1/22/2020	2.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-21-10-042320	4/23/2020	2.7			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		79			18		
		VMP-21-10-072420	7/24/2020	6.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			16		
		VMP-21-10-102920	10/29/2020	0.33			<0.025	U		<0.0025	U		<0.0025	U		0.15			0.00016	J		80			20		
	25 ft	VMP-21-25-012220	1/22/2020	3.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-21-25-042320	4/23/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-21-25-072420	7/24/2020	3.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			17		
		VMP-21-25-102920	10/29/2020	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.0081	J		<0.00026	U		79			19		
	33 ft	VMP-21-33-012220	1/22/2020	3.7			<0.028	U		<0.0028	U		<0.0028	U		0.035	J		<0.00028	U		79			17		
		VMP-21-33-042320	4/23/2020	3.2			<0.024	U		<0.0024	U		<0.0024	U		0.054	J		<0.00024	U		79			18		
		VMP-21-33-072420	7/24/2020	2.8			<0.026	U		<0.0026	U		<0.0026	U		0.0079	J		<0.00026	U		80			17		
		VMP-21-33-102920	10/29/2020	0.35			<0.025	U		<0.0025	U		<0.0025	U		0.8			0.00012	J		80			20		
VMP-22	5 ft	VMP-22-5-012320	1/23/2020	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-22-5-042820	4/28/2020	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000096	J		80			20		
		VMP-22-5-072320	7/23/2020	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000095	J		80			19		
		VMP-22-5-110520	11/5/2020	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.06	J		<0.00024	U		79			19		
	10 ft	VMP-22-10-012320	1/23/2020	0.18			<0.027	U		<0.0027	U		<0.0027	U		0.018	J		<0.00027	U		80			20		
		VMP-22-10-042820	4/28/2020	0.22			<0.023	U		<0.0023	U		<0.0023	U		1.2			0.00029			80			20		
		VMP-22-10-072320	7/23/2020	0.77			<0.025	U		<0.0025	U		<0.0025	U		0.058	J		0.00014	J		79			20		
		VMP-22-10-110520	11/5/2020	0.95			<0.025	U		<0.0025	U		<0.0025	U		0.7			0.000086	J		78			20		
	18 ft	VMP-22-18-012320	1/23/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.077	J		<0.00025	U		80			20		
		VMP-22-18-042820	4/28/2020	0.39			<0.026	U		<0.0026	U		<0.0026	U		0.6			0.00021	J		80			20		
		VMP-22-18-072320	7/23/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-22-18-110520	11/5/2020	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.56			<0.00024	U		79			19		
	38 ft	VMP-22-38-012320	1/23/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.17			<0.00026	U		80			20		
		VMP-22-38-012320-DUP	1/23/2020	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		80			20		
		VMP-22-38-042820	4/28/2020	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.94			0.00028			80			20		
		VMP-22-38-042820-DUP	4/28/2020	0.34			<0.026	U		<0.0026	U		<0.0026	U		1.1			0.0003			80			20		
		VMP-22-38-110520	11/5/2020	0.91			<0.025	U		<0.0025	U		<0.0025	U		0.59			0.00012	J		78			20		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012820	1/28/2020	0.32			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-23-5-042820	4/28/2020	0.79			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-23-5-072320	7/23/2020	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-23-5-102920	10/29/2020	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
	10 ft	VMP-23-10-012820	1/28/2020	0.38			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-23-10-042820	4/28/2020	0.49			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-23-10-072320	7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-23-10-102920	10/29/2020	3.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18		
		VMP-23-10-102920-DUP	10/29/2020	3.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18		
	25 ft	VMP-23-25-012820	1/28/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-23-25-012820-DUP	1/28/2020	1.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-23-25-042820	4/28/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-23-25-042820-DUP	4/28/2020	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-23-25-072320	7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		0.05	J		0.00022	J		80			18		
		VMP-23-25-102920	10/29/2020	3.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18		
VMP-24	5 ft	VMP-24-5-012320	1/23/2020	1.6			<0.03	U		<0.003	U		<0.003	U		0.011	J		<0.0003	U		79			19		
		VMP-24-5-012320-DUP	1/23/2020	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-24-5-042220	4/22/2020	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-24-5-072220	7/22/2020	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			16		
		VMP-24-5-102920	10/29/2020	4.2			<0.026	U		<0.0026	U		<0.0026	U		0.0092	J		<0.00026	U		79			17		
	10 ft	VMP-24-10-012320	1/23/2020	2.8			<0.03	U		<0.003	U		<0.003	U		0.014	J		<0.0003	U		79			18		
		VMP-24-10-042220	4/22/2020	0.64			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		<0.00025	U		79			20		
		VMP-24-10-072220	7/22/2020	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			16		
		VMP-24-10-102920	10/29/2020	5.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			16		
	22 ft	VMP-24-22-012320	1/23/2020	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-24-22-042220	4/22/2020	0.47			<0.025	U		<0.0025	U		<0.0025	U		0.0075	J		0.00014	J		80			20		
		VMP-24-22-042220-DUP	4/22/2020	0.46			<0.026	U		<0.0026	U		<0.0026	U		0.0093	J		0.00014	J		80			20		
		VMP-24-22-072220	7/22/2020	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-24-22-102920	10/29/2020	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.11	J		<0.00024	U		78			18		
	34 ft	VMP-24-34-012320	1/23/2020	2.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-24-34-042220	4/22/2020	1			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		79			20		
		VMP-24-34-072220	7/22/2020	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-24-34-102920	10/29/2020	4.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-24-34-102920-DUP	10/29/2020	5.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
VMP-25	5 ft	VMP-25-5-012820	1/28/2020	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.097	J		0.012			93			2.8		
		VMP-25-5-012820-DUP	1/28/2020	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.012			93			2.8		
		VMP-25-5-042320	4/23/2020	5.2			<0.029	U		0.001	J		<0.0029	U		<0.14	U		0.54			92			2		
		VMP-25-5-042320-DUP	4/23/2020	5.1			<0.026	U		0.00092	J		<0.0026	U		<0.13	U		0.51			92			2.3		
		VMP-25-5-072320	7/23/2020	8.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00067			88			4.2		
		VMP-25-5-072320-DUP	7/23/2020	8.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00063			88			4.2		
		VMP-25-5-103020	10/30/2020	3			<0.025	U		0.0011	J		<0.0025	U		0.053	J		0.82			94			2.3		
		VMP-25-5-103020-DUP	10/30/2020	2.8			<0.025	U		0.001	J		<0.0025	U		1.9			0.76			91			3.1		
VMP-29	10 ft	VMP-29-10-012420	1/24/2020	0.3			<0.027	U		<0.0027	U		<0.0027	U		0.016	J		<0.00027	U		80			20		
		VMP-29-10-042320	4/23/2020	0.34			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-29-10-072720	7/27/2020	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-29-10-110220	11/2/2020	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		79			21		
	18 ft	VMP-29-18-012420	1/24/2020	0.54			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-29-18-042320	4/23/2020	0.46			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-29-18-072720	7/27/2020	0.24			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-29-18-110220	11/2/2020	0.078			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		79			21		
	26 ft	VMP-29-26-012420	1/24/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0048			80			19		
		VMP-29-26-042320	4/23/2020	0.64			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-29-26-042320-DUP	4/23/2020	0.64			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-29-26-072720	7/27/2020	0.31			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.0012			80			20		
		VMP-29-26-110220	11/2/2020	0.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			20		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-30	10 ft	VMP-30-10-012420	1/24/2020	0.058			<0.026	U		<0.0026	U		<0.0026	U		0.0072	J		<0.00026	U		79			21		
		VMP-30-10-042320	4/23/2020	0.067			<0.024	U		<0.0024	U		<0.0024	U		0.009	J		<0.00024	U		79			21		
		VMP-30-10-072720	7/27/2020	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-30-10-110220	11/2/2020	0.076			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		79			21		
	18 ft	VMP-30-18-012420	1/24/2020	0.26			<0.03	U		<0.003	U		<0.003	U		0.0077	J		0.00024	J		80			20		
		VMP-30-18-042320	4/23/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-30-18-072720	7/27/2020	0.99			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-30-18-110220	11/2/2020	0.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00016	J		79			21		
	26 ft	VMP-30-26-012420	1/24/2020	0.52			<0.028	U		<0.0028	U		<0.0028	U		0.042	J		0.00056			79			20		
		VMP-30-26-042320	4/23/2020	0.32			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00067			79			21		
		VMP-30-26-072720	7/27/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.0082	J		0.00015	J		80			19		
		VMP-30-26-110220	11/2/2020	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00017	J		79			21		
VMP-32	5 ft	VMP-32-5-012820	1/28/2020	0.93			<0.038	U		<0.0038	U		<0.0038	U		0.012	J		<0.00038	U		79			20		
		VMP-32-5-042920	4/29/2020	0.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00011	J		79			20		
		VMP-32-5-072920	7/29/2020	2.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-32-5-110420	11/4/2020	2.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
	10 ft	VMP-32-10-012820	1/28/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		240			20		
		VMP-32-10-042920	4/29/2020	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-32-10-072920	7/29/2020	2.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-32-10-110420	11/4/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		0.046	J		<0.00024	U		78			19		
	20 ft	VMP-32-20-012820	1/28/2020	0.37			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		240			20		
		VMP-32-20-042920	4/29/2020	0.11			<0.028	U		<0.0028	U		<0.0028	U		0.039	J		0.0002	J		80			20		
		VMP-32-20-072920	7/29/2020	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		0.00021	J		79			21		
		VMP-32-20-110420	11/4/2020	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	30 ft	VMP-32-30-012820	1/28/2020	0.7			<0.029	U		<0.0029	U		<0.0029	U		0.64			<0.00029	U		79			20		
		VMP-32-30-072920	7/29/2020	0.94			<0.027	U		<0.0027	U		<0.0027	U		0.18			0.00014	J		79			20		
		VMP-32-30-110420	11/4/2020	1.9			<0.026	U		<0.0026	U		<0.0026	U		0.008	J		<0.00026	U		79			19		
		VMP-32-30-110420-DUP	11/4/2020	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
VMP-41	10 ft	VMP-41-10-012420	1/24/2020	0.35			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-41-10-042320	4/23/2020	0.54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-41-10-072920	7/29/2020	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-41-10-072920-DUP	7/29/2020	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-41-10-103020	10/30/2020	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	20 ft	VMP-41-20-012420	1/24/2020	0.64			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-41-20-042320	4/23/2020	0.57			<0.027	U		<0.0027	U		<0.0027	U		0.035	J		<0.00027	U		79			20		
		VMP-41-20-072920	7/29/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		80			19		
		VMP-41-20-103020	10/30/2020	0.28			<0.024	U		<0.0024	U		<0.0024	U		0.0083	J		<0.00024	U		79			21		
	26 ft	VMP-41-26-012420	1/24/2020	0.82			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-41-26-012420-DUP	1/24/2020	0.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-41-26-042320	4/23/2020	0.62			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-41-26-103020	10/30/2020	0.63			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
VMP-42	10 ft	VMP-42-10-012720	1/27/2020	0.51			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-42-10-042920	4/29/2020	0.6			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-42-10-072820	7/28/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-42-10-110520	11/5/2020	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
	20 ft	VMP-42-20-012720	1/27/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-42-20-042920	4/29/2020	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-42-20-042920-DUP	4/29/2020	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-42-20-072820	7/28/2020	2.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-42-20-110520	11/5/2020	3.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		78			18		
	30 ft	VMP-42-30-012720	1/27/2020	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-42-30-042920	4/29/2020	2.2			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			19		
		VMP-42-30-072820	7/28/2020	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000096	J		80			18		
		VMP-42-30-110520	11/5/2020	3.9			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		0.00082			79			17		
		VMP-42-30-110520-DUP	11/5/2020	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00082			79			17		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012720	1/27/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-43-10-043020	4/30/2020	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		80			20		
		VMP-43-10-072820	7/28/2020	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		80			20		
		VMP-43-10-110320	11/3/2020	0.95			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		82			17		
	20 ft	VMP-43-20-012720	1/27/2020	0.31			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-43-20-043020	4/30/2020	0.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0001	J		80			20		
		VMP-43-20-072820	7/28/2020	0.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0056			80			19		
		VMP-43-20-110320	11/3/2020	3.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		84			13		
	30 ft	VMP-43-30-012720	1/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		0.024	J		0.00063			79			20		
		VMP-43-30-043020	4/30/2020	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-43-30-072820	7/28/2020	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.2			83			12		
		VMP-43-30-110320	11/3/2020	14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		84			1.8		
VMP-44	10 ft	VMP-44-10-012720	1/27/2020	1.2			<0.03	U		<0.003	U		<0.003	U		0.013	J		0.00018	J		82			17		
		VMP-44-10-043020	4/30/2020	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.11	J		0.000099	J		80			20		
		VMP-44-10-072820	7/28/2020	5.1			<0.024	U		<0.0024	U		<0.0024	U		0.0068	J		0.00052			82			13		
	20 ft	VMP-44-20-012720	1/27/2020	0.85			<0.029	U		<0.0029	U		<0.0029	U		0.026	J		0.00014	J		82			17		
		VMP-44-20-043020	4/30/2020	0.4			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00011	J		80			20		
		VMP-44-20-072820	7/28/2020	5.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00044			83			12		
	30 ft	VMP-44-30-012720	1/27/2020	0.85			<0.024	U		<0.0024	U		<0.0024	U		0.073	J		0.00022	J		81			18		
		VMP-44-30-012720-DUP	1/27/2020	0.85			<0.024	U		<0.0024	U		<0.0024	U		0.077	J		0.00017	J		82			17		
		VMP-44-30-043020	4/30/2020	0.054			<0.025	U		<0.0025	U		<0.0025	U		1			0.00015	J		78			21		
VMP-45	10 ft	VMP-45-10-012720	1/27/2020	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.026	J		<0.00025	U		79			21		
		VMP-45-10-042720	4/27/2020	0.18			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			21		
		VMP-45-10-072820	7/28/2020	0.88			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-45-10-110520	11/5/2020	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	20 ft	VMP-45-20-012720	1/27/2020	0.11			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		<0.00025	U		79			21		
		VMP-45-20-042720	4/27/2020	0.19			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-45-20-072820	7/28/2020	0.9			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-45-20-110520	11/5/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
	30 ft	VMP-45-30-012720	1/27/2020	1.4			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		0.00094			78			20		
		VMP-45-30-042720	4/27/2020	0.11			<0.024	U		<0.0024	U		<0.0024	U		0.25			0.00018	J		80			20		
		VMP-45-30-072820	7/28/2020	0.8			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00024	J		81			18		
		VMP-45-30-110520	11/5/2020	0.88			<0.024	U		<0.0024	U		<0.0024	U		0.053	J		<0.00024	U		79			20		
VMP-47	5 ft	VMP-47-5-012920	1/29/2020	0.35			<0.03	U		<0.003	U		<0.003	U		0.0087	J		<0.0003	U		80			20		
		VMP-47-5-012920-DUP	1/29/2020	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-47-5-042820	4/28/2020	0.21			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		0.000096	J		79			21		
		VMP-47-5-072720	7/27/2020	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-47-5-110220	11/2/2020	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	10 ft	VMP-47-10-012920	1/29/2020	0.47			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-47-10-042820	4/28/2020	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		79			21		
		VMP-47-10-042820-DUP	4/28/2020	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.0072	J		<0.00028	U		80			20		
		VMP-47-10-072720	7/27/2020	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-47-10-072720-DUP	7/27/2020	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.0074	J		<0.00024	U		80			18		
		VMP-47-10-110220	11/2/2020	2.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
	20 ft	VMP-47-20-012920	1/29/2020	0.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-47-20-042820	4/28/2020	0.28			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-47-20-072720	7/27/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-47-20-110220	11/2/2020	2.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
	30 ft	VMP-47-30-012920	1/29/2020	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-47-30-042820	4/28/2020	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-47-30-072720	7/27/2020	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-47-30-110220	11/2/2020	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00014	J		83			14		
		VMP-47-30-110220-DUP	11/2/2020	2.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		83			14		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012920	1/29/2020	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-48-5-042420	4/24/2020	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.001			81			18		
		VMP-48-5-073020	7/30/2020	7.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			12		
		VMP-48-5-110220	11/2/2020	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
	10 ft	VMP-48-10-012920	1/29/2020	3.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			18		
		VMP-48-10-042420	4/24/2020	2.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-48-10-073020	7/30/2020	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-48-10-073020-DUP	7/30/2020	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
		VMP-48-10-110220	11/2/2020	5.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			15		
	20 ft	VMP-48-20-110220	11/2/2020	5.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
	30 ft	VMP-48-30-012920	1/29/2020	5.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			15		
		VMP-48-30-073020	7/30/2020	6.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			16		
		VMP-48-30-110220	11/2/2020	6.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			15		
VMP-49	5 ft	VMP-49-5-012220	1/22/2020	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-49-5-042920	4/29/2020	0.51			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-49-5-072420	7/24/2020	0.73			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-49-5-072420-DUP	7/24/2020	0.72			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-49-5-110420	11/4/2020	0.83			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	10 ft	VMP-49-10-012220	1/22/2020	0.39			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-49-10-042920	4/29/2020	0.68			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		79			20		
		VMP-49-10-072420	7/24/2020	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00014	J		79			19		
		VMP-49-10-110420	11/4/2020	0.96			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00058			79			20		
	20 ft	VMP-49-20-012220	1/22/2020	0.3			<0.027	U		<0.0027	U		<0.0027	U		0.031	J		<0.00027	U		79			21		
		VMP-49-20-042920	4/29/2020	0.67			<0.025	U		<0.0025	U		<0.0025	U		0.009	J		0.00015	J		79			20		
		VMP-49-20-042920-DUP	4/29/2020	0.67			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		0.00013	J		79			20		
		VMP-49-20-072420	7/24/2020	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.16			0.0002	J		80			19		
		VMP-49-20-110420	11/4/2020	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.028			80			18		
	30 ft	VMP-49-30-012220	1/22/2020	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			14		
		VMP-49-30-042920	4/29/2020	0.57			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-49-30-072420	7/24/2020	8.9			<0.026	U		<0.0026	U		<0.0026	U		0.065	J		<0.00026	U		79			12		
		VMP-49-30-110420	11/4/2020	6.6			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		0.61			83			10		
VMP-50	5 ft	VMP-50-5-012820	1/28/2020	0.11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-50-5-042820	4/28/2020	0.39			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-50-5-072720	7/27/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-50-5-110520	11/5/2020	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			18		
	10 ft	VMP-50-10-012820	1/28/2020	0.36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-50-10-042820	4/28/2020	0.57			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-50-10-072720	7/27/2020	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
		VMP-50-10-110520	11/5/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
	20 ft	VMP-50-20-012820	1/28/2020	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-50-20-042820	4/28/2020	0.84			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-50-20-072720	7/27/2020	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
		VMP-50-20-110520	11/5/2020	3.5			<0.025	U		<0.0025	U		<0.0025	U		0.04	J		<0.00025	U		78			18		
		VMP-50-20-110520-DUP	11/5/2020	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
	30 ft	VMP-50-30-012820	1/28/2020	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0036			79			19		
		VMP-50-30-042820	4/28/2020	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.024	J		0.00041			78			20		
		VMP-50-30-072720	7/27/2020	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.017			80			18		
		VMP-50-30-110520	11/5/2020	4.4			<0.025	U		<0.0025	U		<0.0025	U		0.011	J		0.0022			82			14		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012820	1/28/2020	0.38			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		80			20		
		VMP-51-5-012820-DUP	1/28/2020	0.38			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-51-5-042720	4/27/2020	0.71			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000081	J		79			20		
		VMP-51-5-072320	7/23/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		80			19		
		VMP-51-5-103020	10/30/2020	3.1			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		78			19		
	10 ft	VMP-51-10-012820	1/28/2020	0.33			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-51-10-042720	4/27/2020	0.94			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-51-10-072320	7/23/2020	2.2			<0.023	U		<0.0023	U		<0.0023	U		0.14			<0.00023	U		80			18		
		VMP-51-10-103020	10/30/2020	3.6			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		78			18		
	20 ft	VMP-51-20-022120	2/21/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-51-20-042720	4/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-51-20-072320	7/23/2020	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-51-20-103020	10/30/2020	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
	30 ft	VMP-51-30-012820	1/28/2020	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-51-30-042720	4/27/2020	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-51-30-072320	7/23/2020	2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-51-30-103020	10/30/2020	2.9			<0.027	U		<0.0027	U		<0.0027	U		0.13	J		<0.00027	U		79			18		
VMP-52	5 ft	VMP-52-5-012320	1/23/2020	0.56			<0.029	U		<0.0029	U		<0.0029	U		0.014	J		0.000095	J		79			20		
		VMP-52-5-042720	4/27/2020	1.3			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		0.00012	J		80			19		
		VMP-52-5-072320	7/23/2020	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00012	J		82			15		
		VMP-52-5-072320-DUP	7/23/2020	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		82			15		
		VMP-52-5-102920	10/29/2020	1.2			<0.026	U		<0.0026	U		<0.0026	U		0.0085	J		<0.00026	U		79			20		
	10 ft	VMP-52-10-042720	4/27/2020	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-52-10-102920	10/29/2020	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			16		
	20 ft	VMP-52-20-012320	1/23/2020	1.5			<0.024	U		<0.0024	U		<0.0024	U		0.48			<0.00024	U		78			20		
		VMP-52-20-042720	4/27/2020	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-52-20-072320	7/23/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-52-20-102920	10/29/2020	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		79			18		
	30 ft	VMP-52-30-012320	1/23/2020	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-52-30-042720	4/27/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-52-30-042720-DUP	4/27/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-52-30-072320	7/23/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-52-30-102920	10/29/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		79			18		
VMP-53	5 ft	VMP-53-5-012220	1/22/2020	0.33			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-53-5-042220	4/22/2020	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-53-5-072220	7/22/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-53-5-102820	10/28/2020	0.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
	10 ft	VMP-53-10-012220	1/22/2020	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-53-10-042220	4/22/2020	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-53-10-072220	7/22/2020	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			18		
		VMP-53-10-102820	10/28/2020	0.78			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
	20 ft	VMP-53-20-012220	1/22/2020	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-20-042220	4/22/2020	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-53-20-072220	7/22/2020	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-53-20-102820	10/28/2020	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	30 ft	VMP-53-30-012220	1/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-53-30-012220-DUP	1/22/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-53-30-042220	4/22/2020	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-53-30-072220	7/22/2020	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-53-30-102820	10/28/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		

SEE LAST PAGE OF TABLE FOR NOTES

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-012220	1/22/2020	1.3			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		80			19		
		VMP-54-5-042720	4/27/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		8.6			<0.00026	U		72			18		
		VMP-54-5-052120	5/21/2020	2.6			<0.024	U		<0.0024	U		<0.0024	U		0.0082	J		<0.00024	U		79			18		
		VMP-54-5-072220	7/22/2020	3.9			<0.026	U		<0.0026	U		<0.0026	U		0.028	J		<0.00026	U		80			16		
		VMP-54-5-102820	10/28/2020	3.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			17		
	10 ft	VMP-54-10-031220	3/12/2020	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-54-10-042720	4/27/2020	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			18		
		VMP-54-10-072220	7/22/2020	3.1			<0.027	U		<0.0027	U		<0.0027	U		0.0072	J		<0.00027	U		80			17		
		VMP-54-10-102820	10/28/2020	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
	20 ft	VMP-54-20-012220	1/22/2020	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			17		
		VMP-54-20-042720	4/27/2020	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
		VMP-54-20-072220	7/22/2020	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-54-20-102820	10/28/2020	3.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
	30 ft	VMP-54-30-012220	1/22/2020	0.62			<0.03	U		<0.003	U		<0.003	U		0.06	J		<0.0003	U		80			19		
		VMP-54-30-042720	4/27/2020	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.17			<0.00026	U		81			18		
		VMP-54-30-072220	7/22/2020	2.1			<0.026	U		<0.0026	U		<0.0026	U		0.09	J		<0.00026	U		82			16		
		VMP-54-30-102820	10/28/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.1	J		<0.00024	U		81			18		
VMP-55	20 ft	VMP-55-20-012820	1/28/2020	18			<0.03	U		0.00095	J		<0.003	U		0.009	J		4.1			76			2.4		
		VMP-55-20-042820	4/28/2020	17			<0.028	U		<0.0028	U		<0.0028	U		0.011	J		0.072			78			4.8		
		VMP-55-20-072820	7/28/2020	21			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0016			76			2.7		
		VMP-55-20-110320	11/3/2020	22			<0.026	U		0.00073	J		<0.0026	U		0.032	J		3.5			73			1.5		
VMP-56	10 ft	VMP-56-10-012220	1/22/2020	0.32			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-56-10-042420	4/24/2020	0.32			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-56-10-072320	7/23/2020	0.88			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			20		
		VMP-56-10-072320-DUP	7/23/2020	0.93			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			19		
		VMP-56-10-110320	11/3/2020	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.0085	J		0.00024	J		81			18		
	25 ft	VMP-56-25-012220	1/22/2020	0.61			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000097	J		79			20		
		VMP-56-25-042420	4/24/2020	0.63			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-56-25-072320	7/23/2020	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000087	J		79			20		
		VMP-56-25-110320	11/3/2020	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00044			82			15		
		VMP-56-25-110320-DUP	11/3/2020	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00041			82			15		
VMP-62	5 ft	VMP-62-5-012920	1/29/2020	0.72			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-62-5-042820	4/28/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-62-5-072720	7/27/2020	8.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			11		
		VMP-62-5-102920	10/29/2020	5.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			17		
	10 ft	VMP-62-10-012920	1/29/2020	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-10-042820	4/28/2020	1.3			<0.03	U		<0.003	U		<0.003	U		0.009	J		0.00024	J		80			19		
		VMP-62-10-072720	7/27/2020	5.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			15		
		VMP-62-10-102920	10/29/2020	5.4			<0.024	U		<0.0024	U		<0.0024	U		0.0074	J		<0.00024	U		79			16		
	20 ft	VMP-62-20-012920	1/29/2020	0.92			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-62-20-042820	4/28/2020	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00048			80			19		
		VMP-62-20-042820-DUP	4/28/2020	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00046			80			19		
		VMP-62-20-072720	7/27/2020	2.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
		VMP-62-20-102920	10/29/2020	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			17		
	30 ft	VMP-62-30-012920	1/29/2020	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-62-30-042820	4/28/2020	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-62-30-072720	7/27/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-62-30-102920	10/29/2020	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012720	1/27/2020	0.062			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-63-5-012720-DUP	1/27/2020	0.062			<0.028	U		<0.0028	U		<0.0028	U		0.012	J		<0.00028	U		80			20		
		VMP-63-5-042420	4/24/2020	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21		
		VMP-63-5-072820	7/28/2020	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			18		
		VMP-63-5-110320	11/3/2020	2.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
	10 ft	VMP-63-10-012720	1/27/2020	0.079			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		0.00016	J		79			21		
		VMP-63-10-042420	4/24/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-63-10-072820	7/28/2020	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-63-10-110320	11/3/2020	3.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
	20 ft	VMP-63-20-012720	1/27/2020	0.22			<0.027	U		<0.0027	U		<0.0027	U		0.01	J		<0.00027	U		80			20		
		VMP-63-20-042420	4/24/2020	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-63-20-072820	7/28/2020	0.95			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-63-20-110320	11/3/2020	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		81			18		
	30 ft	VMP-63-30-012720	1/27/2020	0.51			<0.028	U		<0.0028	U		<0.0028	U		0.23			<0.00028	U		79			20		
		VMP-63-30-042420	4/24/2020	0.61			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-63-30-072820	7/28/2020	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.0083	J		<0.00024	U		79			20		
		VMP-63-30-072820-DUP	7/28/2020	1.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-63-30-110320	11/3/2020	1.2			<0.024	U		<0.0024	U		<0.0024	U		2.6			<0.00024	U		81			18		
		VMP-63-30-110320-DUP	11/3/2020	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.069	J		<0.00024	U		81			18		
VMP-64	5 ft	VMP-64-5-012820	1/28/2020	0.064			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-64-5-042420	4/24/2020	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.0092	J		0.00014	J		79			21		
		VMP-64-5-072420	7/24/2020	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			15		
		VMP-64-5-103020	10/30/2020	1.3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
	10 ft	VMP-64-10-012820	1/28/2020	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-64-10-042420	4/24/2020	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-64-10-072420	7/24/2020	2.7			<0.025	U		<0.0025	U		<0.0025	U		0.11	J		<0.00025	U		81			16		
		VMP-64-10-103020	10/30/2020	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
	20 ft	VMP-64-20-012820	1/28/2020	2.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			18		
		VMP-64-20-042420	4/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.024	J		<0.00025	U		79			19		
		VMP-64-20-042420-DUP	4/24/2020	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.026	J		<0.00024	U		78			20		
		VMP-64-20-072420	7/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		<0.00025	U		80			18		
		VMP-64-20-072420-DUP	7/24/2020	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		<0.00025	U		80			18		
		VMP-64-20-103020	10/30/2020	3.1			<0.023	U		<0.0023	U		<0.0023	U		0.0077	J		<0.00023	U		79			18		

Notes:

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

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

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-03R	400.71 - 410.71 (31 - 41)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-03R		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-03R		3/24/2020	1319	-6.06	34.66	0.0	0	1.9	19.2	7.4	42.2	1.9	40.3	
SVE-03R		4/22/2020	858	-8.90	34.43	0.0	0	1.1	19.9	1.6	3.7	0.0	3.7	
SVE-03R		5/21/2020	831	-9.60	33.80	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	
SVE-03R		6/19/2020	855	-12.58	33.04	0.0	0	1.7	19.2	0.9	0.7	0.0	0.7	
SVE-03R		6/19/2020	875	-12.58	33.04	0.0	0	1.7	19.2	0.9	0.7	0.0	0.7	
SVE-03R		7/9/2020	1200	-14.80	32.55	0.0	0	1.8	18.7	0.4	3.6	1.9	1.7	
SVE-03R		7/23/2020	1000	-15.00	33.75	8.0	OVR	1.7	16.3	227	14300	12118	2182	
SVE-03R		7/24/2020	920	-11.00	32.70	16.6	OVR	2.5	14.4	366	18700	16941	1759	
SVE-03R		7/29/2020	925	-14.17	32.74	24.4	OVR	5.2	10.3	419	39510	31610	7900	
SVE-03R		7/30/2020	850	-13.82	32.68	33.8	OVR	5.7	9.6	508	49940	38310	11630	
SVE-03R		7/31/2020	827	-15.15	32.67	27.9	OVR	6.5	8.8	382	48150	36890	11260	
SVE-03R		8/6/2020	1254	-14.75	32.54	31.4	OVR	8.2	7.3	567	50470	40040	10430	
SVE-03R		8/12/2020	1457	-15.20	32.39	26.5	OVR	7.4	8.6	486	40950	32370	8580	
SVE-03R		8/19/2020	1143	-16.09	23.24	30.5	OVR	7.8	8.3	441	39340	28350	10990	
SVE-03R		8/20/2020	1431	-15.34	32.12	30.5	OVR	7.7	8.3	438	36970	25720	11250	
SVE-03R		8/25/2020	1254	-18.57	31.86	25.3	OVR	7.5	9.0	547	34480	27300	7180	
SVE-03R		9/2/2020	1235	-20.49	31.63	19.3	OVR	7.2	9.6	418	32160	25180	6980	
SVE-03R		9/9/2020	1128	-20.99	31.73	15.8	OVR	6.9	10.2	378	28480	22900	5580	
SVE-03R		9/17/2020	1350	-20.74	31.98	13.7	OVR	6.7	10.6	353	28410	21590	6820	
SVE-03R		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-03R		11/23/2020	1345	-16.68	33.03	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
SVE-03R		12/17/2020	1238	-14.84	33.31	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
SVE-04	427.04 - 437.04 (5 - 15)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05	424.23 - 434.23 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-06	424.04 - 434.04 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07	423.71 - 433.71 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	424.12 - 434.12 (9 - 19)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	422.41 - 432.41 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-10	422.74 - 432.74 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11	423.56 - 433.56 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-11		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-11		3/23/2020	1108	-50.00	16.39	0.2	5	3.5	16.5	82.3	611	265	346	
SVE-11		4/21/2020	1210	-53.30	17.36	0.5	10	3.3	16.6	151	837	210	627	
SVE-11		5/20/2020	1403	-55.10	16.43	0.2	4	2.9	17.1	61.3	321	56.6	264	
SVE-11		6/18/2020	1245	-50.10	18.15	1.0	20	4.1	15.3	283	1295	267	1028	
SVE-11		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-11		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12	423.78 - 433.78 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-12		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-12		3/23/2020	1045	-50.50	16.62	1.5	30	5.0	13.7	395	2240	416	1824	
SVE-12		4/20/2020	1227	-51.80	17.31	2.2	45	4.1	15.0	546	2613	174	2439	
SVE-12		5/20/2020	1342	-55.30	16.21	2.1	42	4.4	14.8	52.5	2129	172	1957	
SVE-12		6/17/2020	1134	-44.20	19.65	13.3	OVR	5.7	12.8	1474	7730	285	7445	
SVE-12		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-12		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13	423.77 - 433.77 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-13		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-13		3/23/2020	1026	-36.40	21.21	0.0	0	1.8	19.0	16.2	59.3	2.6	56.7	
SVE-13		4/21/2020	1233	-37.80	21.90	0.0	1	1.2	19.8	19.6	68.1	1.2	66.9	
SVE-13		5/20/2020	1332	-40.40	21.25	0.0	0	1.2	19.6	17.7	81.2	3.3	77.9	
SVE-13		6/17/2020	1126	-30.19	22.48	0.0	1	1.4	19.4	14.9	73.5	1.8	71.7	
SVE-13		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-13		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-14	423.87 - 433.87 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15	424.15 - 434.15 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	423.97 - 433.97 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	424.42 - 434.42 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-17		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-17		3/23/2020	1004	-37.60	21.44	0.2	5	2.7	17.6	35.8	1791	1614	177	
SVE-17		4/20/2020	1212	-38.40	22.01	0.4	9	2.2	18.2	39.4	2481	2399	82.0	
SVE-17		5/20/2020	1321	-42.00	21.24	0.8	16	2.2	18.0	36.5	4998	4641	357	
SVE-17		6/17/2020	1115	-31.40	22.47	0.5	11	2.3	17.8	43.4	2837	2555	282	
SVE-17		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-18	426.93 - 436.93 (8 - 18)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-18		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-18		3/23/2020	947	-43.00	13.44	0.6	12	2.0	18.4	38.4	4510	4175	335	
SVE-18		4/20/2020	1203	-42.90	13.68	0.2	5	1.5	18.8	24.4	1319	1149	170	
SVE-18		5/20/2020	1311	-46.80	16.46	0.0	0	1.4	19.2	4.4	25.8	1.6	24.2	
SVE-18		6/17/2020	1106	-34.80	20.73	1.9	38	3.1	16.5	74.9	9461	9457	4.0	
SVE-18		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-18		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19	423.44 - 433.44 (11 - 21)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-19		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-19		3/23/2020	936	-46.30	18.23	3.0	60	4.5	13.8	119	21200	19036	2164	
SVE-19		4/21/2020	1121	-48.50	20.10	2.7	54	4.0	15.4	172	14100	12125	1975	
SVE-19		5/20/2020	1300	-50.90	18.86	1.0	20	3.6	16.0	94.8	4526	3990	536	
SVE-19		6/17/2020	1056	-38.50	19.67	0.7	15	3.8	15.6	70.9	3139	2927	212	
SVE-19		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-19		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20	409.67 - 419.67 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-20		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-20		3/23/2020	913	-60.70	NE	20.3	OVR	6.5	12.5	454	56200	43600	12600	
SVE-20		4/20/2020	1152	-60.50	35.01	11.0	OVR	5.7	13.0	329	43450	36640	6810	
SVE-20		5/20/2020	1215	-63.80	34.95	7.4	OVR	4.4	15.3	357	20690	16450	4240	
SVE-20		6/17/2020	1038	-53.50	NE	9.2	OVR	5.5	13.3	457	27180	20750	6430	
SVE-20		7/13/2020	1249	-70.80	37.86	9.6	OVR	5.9	12.6	410	31610	28350	3260	
SVE-20		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-20		9/23/2020	1445	-46.60	37.73	11.8	OVR	9.6	5.0	261	44010	41650	2360	
SVE-20		9/29/2020	1034	-47.20	37.55	19.6	OVR	9.7	6.3	345	54440	48540	5900	
SVE-20		10/2/2020	1046	-47.50	37.55	19.8	OVR	9.8	7.3	423	61550	58950	2600	
SVE-20		10/7/2020	1456	-42.57	34.62	22.9	OVR	9.8	6.9	398	61770	51550	10220	
SVE-20		10/13/2020	1001	-46.29	37.80	27.9	OVR	9.7	7.0	423	71960	58270	13690	
SVE-20		10/20/2020	1045	-58.60	34.52	42.4	OVR	10.1	6.6	391	94380	74360	20020	
SVE-20		10/26/2020	900	-58.20	34.97	71.5	OVR	10.4	5.9	412	99890	81950	17940	
SVE-20		10/27/2020	1125	-57.70	34.05	76.1	OVR	10.3	5.9	414	111000	89970	21030	
SVE-20		11/3/2020	1224	-56.13	34.05	OVR	OVR	10.7	5.0	489	124000	113000	11000	
SVE-20		11/23/2020	1054	-65.10	33.97	OVR	OVR	10.0	5.9	508	136000	104000	32000	
SVE-20		12/16/2020	1342	-61.60	33.12	OVR	OVR	10.2	5.4	381	131000	106000	25000	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-21	408.29 - 418.29 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/23/2020	1258	-15.85	34.53	0.0	0	1.9	18.5	0.8	44.7	44.7	0.0	
SVE-21		9/29/2020	1334	-16.19	34.53	0.0	0	1.4	20.0	4.1	118	58.0	60.0	
SVE-21		10/1/2020	1328	-16.48	34.52	0.0	0	1.5	20.3	11.2	196	79.4	117	
SVE-21		10/7/2020	1425	-16.14	34.76	0.0	0	1.1	20.2	24.8	357	123	234	
SVE-21		10/13/2020	811	-18.81	34.66	0.2	5	1.0	20.2	24.2	534	261	273	
SVE-21		10/20/2020	1140	-32.13	34.35	0.5	10	1.2	19.9	52.4	1829	1427	402	
SVE-21		10/26/2020	1024	-32.66	34.40	0.7	15	1.1	19.7	77.6	2419	1528	891	
SVE-21		10/27/2020	1220	-32.19	34.40	0.6	12	0.9	20.2	70.9	1912	1255	657	
SVE-21		11/3/2020	1112	-32.04	34.43	0.9	19	1.2	19.5	102	2287	1299	988	
SVE-21		11/23/2020	1414	-32.84	34.43	1.7	34	1.0	19.8	151	2926	1017	1909	
SVE-21		12/17/2020	1350	-31.37	34.44	2.5	50	1.1	19.6	161	3558	1073	2485	
SVE-22	404.37 - 414.37 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/23/2020	1317	-11.67	31.04	0.0	0	1.5	19.9	0.1	2.4	2.4	0.0	
SVE-22		9/29/2020	1400	-12.11	31.10	0.0	0	0.7	20.8	0.1	2.3	2.1	0.2	
SVE-22		9/30/2020	1225	-14.74	30.82	0.0	0	0.7	20.6	0.3	2.5	2.3	0.2	
SVE-22		10/7/2020	1406	-12.03	31.22	0.0	0	0.4	20.4	0.2	1.2	1.2	0.0	
SVE-22		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23	405.75 - 415.75 (15 - 25)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/23/2020	1315	-11.35	22.79	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	
SVE-23		9/29/2020	1348	-11.68	22.86	0.0	0	1.1	20.6	0.6	1.8	0.0	1.8	
SVE-23		9/30/2020	1338	-15.42	22.53	0.0	0	0.9	20.2	1.8	66.7	53.7	13.0	
SVE-23		10/7/2020	1414	-11.54	22.96	0.0	0	0.7	20.5	2.3	65.8	43.7	22.1	
SVE-23		10/13/2020	909	-16.29	22.80	0.0	0	0.7	20.5	1.5	7.1	1.3	5.8	
SVE-23		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-24	409.22 - 419.22 (15 - 25)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-24		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-24		3/23/2020	1407	-41.40	19.10	0.2	5	2.7	17.9	39.9	1678	1424	254	
SVE-24		4/21/2020	1348	-57.10	20.20	0.2	4	2.6	18.0	39.5	698	526	172	
SVE-24		5/21/2020	1053	-62.80	18.49	0.1	3	2.9	17.3	21.5	744	605	139	
SVE-24		6/18/2020	1133	-57.40	18.69	0.1	2	2.8	17.7	25.1	384	299	85.0	
SVE-24		7/9/2020	1148	-74.00	17.31	0.1	2	2.9	17.1	22.4	374	264	110	
SVE-24		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24		9/23/2020	1418	-13.97	24.57	0.4	8	5.5	14.6	27.7	2110	2091	19.0	
SVE-24		9/29/2020	1408	-14.51	23.88	0.2	5	3.6	17.3	26.9	1820	1395	425	
SVE-24		9/30/2020	1025	-14.50	23.84	0.2	5	3.7	17.3	28.7	1820	1571	249	
SVE-24		10/7/2020	1320	-14.37	23.32	0.1	3	3.1	18.1	20.6	957	749	208	
SVE-24		10/13/2020	828	-18.71	21.71	0.2	4	2.8	18.2	19.0	1061	877	184	
SVE-24		10/20/2020	1112	-42.50	18.43	0.1	2	2.9	18.1	17.7	378	308	70.0	
SVE-24		10/26/2020	1000	-43.70	19.58	0.1	3	3.1	17.4	19.2	563	467	96.0	
SVE-24		10/27/2020	1320	-42.20	19.11	0.1	3	3.1	17.5	20.7	666	536	130	
SVE-24		11/3/2020	1126	-42.72	19.32	0.2	5	3.4	17.0	35.3	892	744	148	
SVE-24		11/23/2020	1453	-43.70	19.17	0.3	6	3.1	17.3	30.8	1353	1186	167	
SVE-24		12/17/2020	1326	-42.33	19.18	0.4	9	2.9	17.4	41.6	2268	2001	267	
SVE-25	422 - 432 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	405.6 - 415.6 (20 - 30)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/22/2020	NM	NM	29.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/21/2020	NM	NM	29.21	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/23/2020	1354	-13.94	27.89	0.0	0	1.7	17.3	0.1	2.7	2.7	0.0	
SVE-26		9/29/2020	1421	-14.36	27.94	0.0	0	1.8	20.0	0.1	0.5	0.5	0.0	
SVE-26		9/30/2020	1255	-17.05	27.85	0.0	0	1.5	17.3	3.4	21.2	4.3	16.9	
SVE-26		10/7/2020	1352	-14.25	28.07	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
SVE-26		10/13/2020	840	-18.59	27.90	0.0	0	1.0	20.3	0.1	1.4	1.1	0.3	
SVE-26		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-27	405.93 - 415.93 (20 - 30)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-27		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-27		3/24/2020	1420	-46.00	25.80	11.8	OVR	2.6	17.9	613	15200	6761	8439	
SVE-27		4/21/2020	1410	-60.60	23.85	2.2	45	1.8	18.8	259	4061	2169	1892	
SVE-27		5/21/2020	1112	-63.30	24.91	2.4	49	2.1	18.1	234	5569	3732	1837	
SVE-27		6/18/2020	1149	-56.40	25.96	6.6	OVR	2.5	17.7	407	8153	3702	4451	
SVE-27		7/9/2020	1221	-68.00	25.17	12.6	OVR	2.6	17.0	602	11000	2895	8105	
SVE-27		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-27		9/23/2020	1407	-22.91	26.03	77.5	OVR	5.5	11.3	670	55750	32020	23730	
SVE-27		9/29/2020	1430	-23.59	25.70	OVR	OVR	5.2	12.9	1270	57120	18260	38860	
SVE-27		9/30/2020	1157	-25.46	25.60	OVR	OVR	5.1	13.5	1380	58880	17710	41170	
SVE-27		10/7/2020	1340	-23.30	25.34	OVR	OVR	4.9	13.9	1342	58330	14390	43940	
SVE-27		10/13/2020	852	-27.03	24.71	OVR	OVR	5.2	13.4	1632	70430	13780	56650	
SVE-27		10/20/2020	1125	-45.78	29.94	OVR	OVR	3.2	17.3	1421	54200	3445	50755	
SVE-27		10/26/2020	935	-46.31	27.06	OVR	OVR	5.2	13.8	1465	62240	7820	54420	
SVE-27		10/27/2020	1345	-44.57	25.84	OVR	OVR	5.2	13.7	1468	64910	8440	56470	
SVE-27		11/3/2020	1139	-44.49	30.52	OVR	OVR	4.9	14.0	1476	65310	7690	57620	
SVE-27		11/23/2020	1441	-46.90	26.82	OVR	OVR	5.0	13.9	1392	77920	7870	70050	
SVE-27		12/17/2020	1338	-44.80	30.11	OVR	OVR	4.9	13.8	1486	76240	9570	66670	
SVE-28	392.94 - 402.94 (41 - 51)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		3/11/2020	NM	NM	40.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		4/22/2020	NM	NM	40.04	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/21/2020	NM	NM	39.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		6/18/2020	NM	NM	39.12	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		11/24/2020	NM	NM	39.18	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		12/17/2020	NM	NM	39.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412.93 - 422.93 (21 - 31)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		7/16/2020	1413	-37.60	27.86	0.0	0	1.6	19.0	4.5	106	75.6	30.4	
SVE-29		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-30	407.67 - 417.67 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-30		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-30		3/23/2020	1233	-30.74	35.73	1.8	37	7.0	12.6	263	3519	1830	1689	
SVE-30		4/21/2020	1139	-36.00	35.18	1.2	23	5.2	14.6	192	2451	1309	1142	
SVE-30		5/20/2020	1431	-37.70	34.73	1.0	20	5.1	14.5	206	1431	456	975	
SVE-30		6/18/2020	1318	-36.13	34.75	0.9	18	4.7	14.9	182	1141	271	870	
SVE-30		7/13/2020	1330	-44.90	32.81	1.2	25	4.9	14.3	230	2183	844	1339	
SVE-30		7/16/2020	1422	-37.60	34.86	1.2	24	4.6	14.6	213	1672	671	1001	
SVE-30		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-30		11/23/2020	1153	-47.42	34.51	5.3	OVR	7.5	11.1	415	10540	6450	4090	
SVE-30		12/16/2020	1448	-50.10	32.44	4.1	82	6.7	12.0	337	7200	3555	3645	
SVE-31	407.81 - 417.81 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-31		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-31		3/23/2020	1223	-30.48	34.32	9.2	OVR	3.3	16.9	771	12600	4970	7630	
SVE-31		4/21/2020	1149	-36.10	34.18	5.8	OVR	2.8	17.3	643	8974	4199	4775	
SVE-31		5/20/2020	1421	-37.90	36.85	7.2	OVR	3.0	16.9	687	8949	3876	5073	
SVE-31		6/18/2020	1305	-35.69	33.96	8.7	OVR	3.2	16.7	722	8957	3805	5152	
SVE-31		7/13/2020	1400	-44.80	35.11	13.0	OVR	3.3	16.4	854	11600	5766	5834	
SVE-31		7/17/2020	1150	-38.70	34.33	9.9	OVR	3.1	16.6	728	10300	4877	5423	
SVE-31		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-31		11/23/2020	1136	-44.83	32.08	38.2	OVR	4.6	14.5	1245	30990	16330	14660	
SVE-31		12/16/2020	1441	-51.30	34.92	62.1	OVR	5.1	13.1	1218	42470	23090	19380	
SVE-32	408.63 - 418.63 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-32		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-32		3/23/2020	1210	-30.70	36.49	OVR	OVR	6.7	11.3	731	113000	82650	30350	
SVE-32		4/21/2020	1200	-35.90	34.75	71.1	OVR	5.5	12.5	688	80240	55210	25030	
SVE-32		5/20/2020	1412	-38.60	35.10	71.2	OVR	5.7	11.9	754	71960	51460	20500	
SVE-32		6/18/2020	1255	-36.54	33.32	82.5	OVR	5.7	11.7	898	67790	42670	25120	
SVE-32		7/14/2020	1452	-47.70	34.61	69.2	OVR	6.2	10.7	742	73750	56520	17230	
SVE-32		7/17/2020	1203	-39.40	35.99	52.5	OVR	5.6	11.9	602	61130	41160	19970	
SVE-32		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-32		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-32		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-32		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-32		11/23/2020	1121	-48.20	37.76	OVR	OVR	7.2	10.3	528	114000	89440	24560	
SVE-32		12/16/2020	1424	-52.60	34.92	63.7	OVR	7.1	9.8	393	93920	67170	26750	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-33	408.46 - 418.46 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-33		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-33		3/23/2020	1059	-32.10	NE	14.2	OVR	6.2	12.5	452	34590	29890	4700	
SVE-33		4/21/2020	1221	-36.90	35.29	9.2	OVR	5.5	13.2	362	28590	23150	5440	
SVE-33		5/20/2020	1352	-40.60	35.31	4.0	80	5.2	13.4	258	15320	12430	2890	
SVE-33		6/17/2020	1148	-31.20	36.32	7.9	OVR	6.1	11.7	414	19670	14580	5090	
SVE-33		7/13/2020	1341	-61.30	34.86	1.8	38	5.2	13.8	151	5641	5462	179	
SVE-33		7/17/2020	1214	-41.20	37.03	2.3	46	5.0	13.7	172	6513	5975	538	
SVE-33		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-33		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-33		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-33		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-33		11/23/2020	1112	-50.20	36.88	1.7	34	5.9	12.5	128	8590	7170	NM	
SVE-33		12/16/2020	1424	-52.60	33.65	0.1	2	4.7	14.6	10.7	111	51.1	59.9	
SVE-34	398.76 - 418.76 (25 - 45)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35	402.84 - 412.84 (31 - 41)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	423.65 - 433.65 (10 - 20)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-37	409 - 419 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38	409 - 419 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-38		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-38		3/23/2020	1310	-27.48	28.39	0.0	1	2.1	19.1	13.2	261	190	71.0	
SVE-38		4/21/2020	1346	-31.00	28.05	0.0	0	1.9	19.3	1.5	17.9	12.6	5.3	
SVE-38		5/20/2020	1447	-32.10	28.05	0.0	0	1.8	19.2	0.2	0.0	0.0	0.0	
SVE-38		6/18/2020	1346	-30.34	28.68	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
SVE-38		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38		12/3/2020	1038	-45.50	27.62	0.0	0	2.7	17.3	0.6	9.2	7.1	2.1	
SVE-38		12/8/2020	1239	-45.50	NM	0.0	0	2.3	18.5	0.2	3.6	1.5	2.1	
SVE-38		12/16/2020	1406	-45.10	26.97	0.0	0	2.1	18.5	0.6	1.5	0.0	1.5	
SVE-39	409.5 - 419.5 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-39		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-39		3/24/2020	1354	-27.01	31.35	1.3	26	2.9	17.5	78.5	6996	5655	1341	
SVE-39		4/21/2020	1441	-29.50	31.17	0.9	19	2.5	17.8	88.9	3107	2385	722	
SVE-39		5/21/2020	747	-31.80	31.00	0.6	13	2.3	18.1	54.4	2382	1929	453	
SVE-39		6/18/2020	1101	-28.60	30.81	0.7	14	2.3	18.1	60.3	2374	1887	487	
SVE-39		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-39		12/3/2020	1138	-45.60	31.41	12.8	OVR	3.8	13.6	154	25760	18600	7160	
SVE-39		12/8/2020	1318	-46.90	NM	2.9	58	3.9	15.6	112	8663	6786	1877	
SVE-39		12/17/2020	1132	-48.60	30.22	1.4	28	3.4	16.7	88.9	4556	3677	879	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-40	409 - 419 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-40		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-40		3/24/2020	1227	-25.27	33.38	1.6	33	1.9	18.6	265	3544	1736	1808	
SVE-40		4/21/2020	1430	-24.90	32.60	1.7	34	1.8	18.6	268	3046	1508	1538	
SVE-40		5/21/2020	800	-31.70	33.12	1.8	36	1.8	18.6	278	3817	1640	2177	
SVE-40		6/18/2020	1117	-28.70	33.02	1.9	38	1.9	18.5	275	3579	1681	1898	
SVE-40		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-40		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41	413 - 423 (20 - 30)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42	407.08 - 417.08 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-42		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-42		3/24/2020	1257	-51.05	29.33	0.2	5	2.8	18.2	28.5	615	360	255	
SVE-42		4/22/2020	837	-52.70	28.70	0.1	2	1.9	19.2	10.5	152	61.2	90.8	
SVE-42		5/21/2020	815	-55.90	26.00	0.0	0	1.7	19.3	5.3	74.7	30.3	44.4	
SVE-42		6/18/2020	1430	-22.98	34.55	0.5	11	2.8	17.7	25.3	1886	1613	273	
SVE-42		7/9/2020	1312	-61.30	25.45	0.0	0	1.8	18.9	1.6	86.2	62.5	23.7	
SVE-42		7/23/2020	913	-28.80	30.93	0.3	6	2.3	17.8	18.3	1276	1009	267	
SVE-42		7/24/2020	857	-28.01	30.85	0.3	7	2.3	17.5	27.3	1191	849	342	
SVE-42		7/29/2020	839	-27.41	32.29	0.7	14	2.9	16.7	57.3	2059	1524	535	
SVE-42		7/30/2020	840	-28.28	30.98	1.1	21	3.1	16.5	93.6	2821	2056	765	
SVE-42		7/31/2020	903	-28.80	30.67	1.0	21	3.1	16.2	107	2694	1843	851	
SVE-42		8/6/2020	1227	-28.90	29.78	0.7	14	3.2	16.7	99.4	1719	1043	676	
SVE-42		8/12/2020	1542	-29.80	29.41	0.5	11	3.2	16.7	66.9	1378	773	605	
SVE-42		8/19/2020	1155	-30.40	28.16	0.4	8	2.9	17.2	45.2	1061	541	520	
SVE-42		8/20/2020	1156	-30.42	27.57	0.4	8	2.9	17.2	43.2	959	529	430	
SVE-42		8/25/2020	1335	-29.77	27.80	0.4	9	3.0	17.4	65.5	1300	590	710	
SVE-42		9/2/2020	1147	-31.72	27.74	0.7	14	2.9	17.3	99.7	1693	876	817	
SVE-42		9/9/2020	1056	-32.35	27.11	0.7	14	2.9	17.2	104	1547	843	704	
SVE-42		9/16/2020	1345	-32.10	28.35	1.1	22	3.0	17.0	115	2485	1489	996	
SVE-42		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42		11/23/2020	1314	-30.30	32.59	0.3	7	2.6	18.3	24.3	1129	743	386	
SVE-42		12/17/2020	1150	-26.65	32.68	0.3	6	1.9	19.3	20.5	887	576	311	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-43	407.12 - 417.12 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		4/22/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		7/23/2020	833	-28.70	32.61	0.0	0	1.5	19.3	0.8	5.2	3.1	2.1	
SVE-43		7/24/2020	910	-27.81	31.75	0.0	0	1.5	19.3	1.3	7.1	2.4	4.7	
SVE-43		7/29/2020	855	-27.15	31.72	0.6	12	1.7	18.8	105	1386	671	715	
SVE-43		7/30/2020	905	-28.13	31.55	0.8	15	1.7	18.6	147	1713	817	896	
SVE-43		7/31/2020	908	-29.68	31.52	0.9	19	2.0	18.7	174	2092	1011	1081	
SVE-43		8/6/2020	1235	-28.63	31.37	1.4	28	2.0	18.4	281	3512	1898	1614	
SVE-43		8/12/2020	1523	-30.00	31.25	2.4	49	2.3	18.0	335	4935	2508	2427	
SVE-43		8/19/2020	1208	-30.32	31.03	2.8	55	2.1	18.3	305	5304	2513	2791	
SVE-43		8/20/2020	1326	-29.81	30.93	3.3	67	2.3	18.0	349	5826	2809	3017	
SVE-43		8/25/2020	1323	-29.78	30.95	2.6	52	2.3	18.3	379	5334	2103	3231	
SVE-43		9/2/2020	1158	-31.72	30.77	3.1	62	2.3	18.2	375	6224	2665	3559	
SVE-43		9/9/2020	1113	-32.08	30.75	3.9	79	2.3	18.3	455	6361	2776	3585	
SVE-43		9/16/2020	1412	-31.00	30.85	3.8	77	2.2	18.2	304	6622	3337	3285	
SVE-43		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		11/24/2020	1300	-27.04	32.39	0.0	1	2.4	18.9	3.7	228	189	39.0	
SVE-43		12/17/2020	1203	-25.81	32.45	0.0	0	1.0	20.2	0.3	22.5	14.8	7.7	
SVE-44	407.46 - 417.46 (25 - 35)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		4/22/2020	NM	NM	34.57	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/21/2020	NM	NM	34.55	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		7/23/2020	757	-29.00	33.16	0.1	2	1.9	18.8	6.0	309	232	77.0	
SVE-44		7/24/2020	915	-27.35	33.11	0.2	5	1.9	18.8	33.9	786	506	280	
SVE-44		7/29/2020	909	-26.57	33.16	0.5	11	2.2	18.2	67.4	1667	1178	489	
SVE-44		7/30/2020	911	-27.74	32.94	0.6	13	2.2	18.4	76.1	2112	1542	570	
SVE-44		7/31/2020	929	-28.19	32.84	0.6	12	2.3	18.5	72.7	1823	1278	545	
SVE-44		8/6/2020	1245	-28.22	32.75	0.8	17	2.3	18.3	138	2509	1620	889	
SVE-44		8/12/2020	1517	-29.40	32.73	0.7	15	2.4	18.2	84.9	2272	1545	727	
SVE-44		8/19/2020	1221	-29.85	32.40	0.8	17	2.3	18.3	88.9	2401	1593	808	
SVE-44		8/20/2020	1352	-29.65	32.33	0.8	16	2.2	18.4	89.8	2386	1545	841	
SVE-44		8/25/2020	1307	-29.46	32.30	0.8	16	2.2	18.7	115	2285	1479	806	
SVE-44		9/2/2020	1208	-31.22	32.12	0.6	12	2.3	18.5	72.6	2266	1405	861	
SVE-44		9/9/2020	1105	-31.72	32.21	0.6	12	2.2	18.7	81.4	2022	1232	790	
SVE-44		9/17/2020	1415	-30.70	32.49	0.5	11	2.2	18.3	46.7	1805	1302	503	
SVE-44		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/23/2020	1330	-29.33	33.36	0.0	0	1.5	19.8	0.8	26.2	17.5	8.7	
SVE-44		12/17/2020	1219	-25.81	33.92	0.0	0	1.1	20.0	0.3	12.3	3.4	8.9	

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TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H_2O)	Depth to Water (feet btoc)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
SVE-45	400.58 - 405.58 (37 - 42)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		3/11/2020	NM	NM	36.70	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		4/22/2020	NM	NM	36.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		5/21/2020	NM	NM	36.39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		6/19/2020	NM	NM	35.80	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		8/18/2020	NM	NM	34.46	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		9/16/2020	NM	NM	35.19	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		10/27/2020	NM	NM	36.24	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		11/23/2020	NM	NM	35.64	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		12/17/2020	NM	NM	35.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46	417.85 - 427.85 (15 - 25)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/11/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/22/2020	NM	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/21/2020	NM	NM	NE	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/18/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/24/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47	419.01 - 429.01 (15 - 25)	1/29/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-47		2/20/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
SVE-47		3/23/2020	1343	-12.80	19.69	0.0	0	0.2	20.7	0.7	3.2	2.3	0.9	
SVE-47		4/22/2020	817	-52.90	18.05	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
SVE-47		5/21/2020	1009	-55.20	17.83	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
SVE-47		6/19/2020	827	-49.70	18.65	0.0	0	0.5	20.5	0.6	1.3	0.0	1.3	
SVE-47		7/13/2020	1410	-64.10	19.01	0.0	0	0.6	20.5	0.1	0.6	0.0	0.6	
SVE-47		7/22/2020	1350	-31.10	18.92	0.0	0	0.7	19.6	0.2	0.0	0.0	0.0	
SVE-47		7/24/2020	930	-31.38	18.65	0.0	0	0.7	20.1	0.4	0.0	0.0	0.0	
SVE-47		7/29/2020	936	-30.46	18.67	0.0	0	0.8	20.1	0.7	0.9	0.0	0.9	
SVE-47		7/30/2020	900	-31.85	18.70	0.0	0	1.0	19.9	0.8	0.0	0.0	0.0	
SVE-47		7/31/2020	917	-32.20	18.44	0.0	0	1.0	19.9	1.3	7.3	5.1	2.2	
SVE-47		8/6/2020	1217	-32.39	18.45	0.0	0	0.9	19.9	1.4	9.9	3.7	6.2	
SVE-47		8/12/2020	1509	-33.90	18.27	0.0	0	0.9	19.8	2.4	19.2	12.4	6.8	
SVE-47		8/19/2020	1222	-33.70	18.08	0.0	0	1.0	19.9	2.3	17.6	9.0	8.6	
SVE-47		8/21/2020	835	-34.32	17.91	0.0	0	1.0	19.5	1.4	14.1	8.5	5.6	
SVE-47		8/25/2020	1346	-33.09	17.91	0.0	0	1.0	20.0	1.1	9.6	3.0	6.6	
SVE-47		9/2/2020	1224	-35.08	17.64	0.0	0	1.0	19.8	2.4	12.1	4.6	7.5	
SVE-47		9/9/2020	1139	-35.27	17.74	0.0	0	1.0	20.0	1.8	9.6	3.7	5.9	
SVE-47		9/16/2020	1300	-34.56	18.37	0.0	0	1.0	20.0	0.3	2.2	0.6	1.6	
SVE-47		10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-47		11/23/2020	1400	-32.81	19.09	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
SVE-47		12/17/2020	1256	-29.40	19.72	0.0	0	0.4	20.5	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; btoc = Below Top of Casing; bgs = Below Ground Surface.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	1/21/2020	1110	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-5	2/20/2020	1224	0.08	0.10	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-5	3/11/2020	1426	0.09	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-5	4/20/2020	1500	-1.19	-3.40	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-1-5	5/21/2020	0845	-1.23	-0.49	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-1-5	6/18/2020	0835	-0.96	-0.66	0 0	0	0.3	20.4	0.4	0 0	0.0	0.0	
VMP-1-5	7/21/2020	0808	-0.34	0.00	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-1-5	8/20/2020	0939	0.00	0.00	0 0	0	0.5	19.3	0.0	0 0	0.0	0.0	
VMP-1-5	9/17/2020	1220	-0.27	0.00	0 0	0	1.0	17.8	0.0	0 0	0.0	0.0	
VMP-1-5	10/27/2020	1150	0.05	0.04	0 0	0	1.0	18.0	0.0	0 0	0.0	0.0	
VMP-1-5	11/24/2020	1303	0.18	0.00	0 0	0	0.6	19.0	0.0	0 0	0.0	0.0	
VMP-1-5	12/17/2020	1015	-1.23	-0.72	0 0	0	0.7	20.4	0.0	0 0	0.0	0.0	
VMP-1-5-Dup	12/17/2020	1015	NM	NM	0 0	0	0.6	20.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-1-8.5	1/21/2020	1111	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-8.5	2/20/2020	1225	-0.33	0.11	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-8.5	3/11/2020	1427	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-8.5	4/20/2020	1501	-0.50	-3.40	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-1-8.5	5/21/2020	0846	-1.23	-0.72	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-1-8.5	6/18/2020	0836	-1.91	-0.28	0 0	0	0.2	20.6	0.6	0 0	0.0	0.0	
VMP-1-8.5	7/21/2020	0809	-0.97	-0.45	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	
VMP-1-8.5	8/20/2020	0940	0.00	0.00	0 0	0	0.5	19.3	0.0	0 0	0.0	0.0	
VMP-1-8.5	9/17/2020	1221	0.00	0.00	0 0	0	0.8	18.8	0.0	0 0	0.0	0.0	
VMP-1-8.5	10/27/2020	1151	0.16	0.05	0 0	0	0.7	19.1	0.0	0 0	0.0	0.0	
VMP-1-8.5	11/24/2020	1304	0.60	0.00	0 0	0	0.8	18.7	0.1	0 0	0.0	0.0	
VMP-1-8.5	12/17/2020	1017	-0.82	-0.69	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-1-23 5	1/21/2020	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-23 5	2/20/2020	1226	6.16	0.00	0 0	0	0.0	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-1-23 5	3/11/2020	1428	-0.15	0.00	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-23 5	4/20/2020	1502	-3.50	-3.40	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-1-23 5	5/21/2020	0847	-7.47	-1.07	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-1-23 5	6/18/2020	0837	-0.59	-0.19	0 0	0	0.1	20.8	0.4	0 0	0.0	0.0	
VMP-1-23 5	7/21/2020	0810	-0.09	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	
VMP-1-23 5	8/20/2020	0941	0.00	0.00	0 0	0	0.4	19.5	0.0	0 0	0.0	0.0	
VMP-1-23 5	9/17/2020	1222	0.00	0.00	0 0	0	0.5	19.2	0.2	0 0	0.0	0.0	
VMP-1-23 5	10/27/2020	1152	0.06	0.10	0 0	0	0.5	19.6	0.0	0 0	0.0	0.0	
VMP-1-23 5	11/24/2020	1305	0.19	0.00	0 0	0	0.6	19.1	0.1	0 0	0.0	0.0	
VMP-1-23 5	12/17/2020	1019	-0.94	-1.03	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-38 5	1/21/2020	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-1-38 5	2/20/2020	1227	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	3/11/2020	1429	0.00	0.11	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-1-38 5	4/20/2020	1503	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	5/21/2020	0848	-1.23	-1.15	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	
VMP-1-38 5	6/18/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38 5	7/21/2020	0811	-0.64	0.00	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-1-38.5-Dup	7/21/2020	0811	NM	NM	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-1-38 5	8/20/2020	0942	0.00	0.00	0 0	0	0.8	19.1	0.0	0 0	0.0	0.0	
VMP-1-38 5	9/17/2020	1223	0.00	0.00	0 0	0	0.9	18.9	0.0	0 0	0.0	0.0	
VMP-1-38.5-Dup	9/17/2020	1223	NM	NM	0 0	0	0.9	18.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-1-38 5	10/27/2020	1153	0.05	0.10	0 0	0	1.0	18.7	0.0	0 0	0.0	0.0	
VMP-1-38 5	11/24/2020	1306	0.00	0.00	0 0	0	1.2	18.1	0.8	1 6	0.0	1.6	
VMP-1-38 5	12/17/2020	1021	-4.39	-1.14	0 0	0	0.7	20.6	0.0	0 0	0.0	0.0	
VMP-2-5	1/21/2020	1135	0.00	0.00	0 0	0	1.3	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-5	2/20/2020	1117	0.00	0.00	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-5	3/11/2020	1451	0.00	-0.09	0 0	0	1.7	19.6	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-5	4/21/2020	0815	-0.10	0.00	0 0	0	1.6	19.5	0.0	0 0	0.0	0.0	
VMP-2-5	5/21/2020	0912	0.00	0.00	0 0	0	1.7	19.1	0.0	0 0	0.0	0.0	
VMP-2-5	6/18/2020	0845	0.00	0.00	0 0	0	3.6	16.7	0.0	0 0	0.0	0.0	
VMP-2-5	7/21/2020	0825	0.00	0.00	0 0	0	6.1	13.7	0.0	0 0	0.0	0.0	
VMP-2-5	8/20/2020	1050	0.00	0.00	0 0	0	8.4	11.0	0.0	0 0	0.0	0.0	
VMP-2-5	9/17/2020	1308	0.00	0.00	0 0	0	9.1	11.7	0.0	0 0	0.0	0.0	
VMP-2-5	10/27/2020	1124	-0.03	0.00	0 0	0	5.9	14.8	0.0	0 0	0.0	0.0	
VMP-2-5	11/24/2020	1254	-0.11	0.00	0 0	0	4.5	16.4	0.0	0 0	0.0	0.0	
VMP-2-5	12/17/2020	1052	-0.03	-0.04	0 0	0	2.5	19.7	0.0	0 0	0.0	0.0	
VMP-2-8.5	1/21/2020	1136	0.00	0.18	0 0	0	2.4	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-8.5	2/20/2020	1118	-0.25	0.00	0 0	0	2.2	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-8.5	3/11/2020	1452	0.00	0.00	0 0	0	2.5	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-8.5	4/21/2020	0816	-0.28	-0.04	0 0	0	2.0	19.3	0.0	0 0	0.0	0.0	
VMP-2-8.5	5/21/2020	0913	0.00	0.00	0 0	0	2.0	19.0	0.0	0 0	0.0	0.0	
VMP-2-8.5	6/18/2020	0846	0.00	-0.10	0 0	0	2.5	18.0	0.0	0 0	0.0	0.0	
VMP-2-8.5	7/21/2020	0826	0.00	0.00	0 0	0	3.8	16.2	0.0	0 0	0.0	0.0	
VMP-2-8.5	8/20/2020	1051	0.00	0.00	0 0	0	4.5	14.8	0.0	0 0	0.0	0.0	
VMP-2-8.5	9/17/2020	1309	0.00	0.00	0 0	0	5.3	14.4	0.0	0 0	0.0	0.0	
VMP-2-8.5	10/27/2020	1125	0.00	0.04	0 0	0	5.0	15.3	0.0	0 0	0.0	0.0	
VMP-2-8.5	11/24/2020	1255	0.00	0.00	0 0	0	4.4	16.0	0.0	0 0	0.0	0.0	
VMP-2-8.5	12/17/2020	1054	-0.44	-0.05	0 0	0	3.3	18.4	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-22	1/21/2020	1137	0.22	0.51	0 0	0	1.9	19.6	0.1	2 3	2.3	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-22	2/20/2020	1119	-0.12	0.18	0 0	0	2.7	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-2-22	3/11/2020	1453	0.00	0.17	0 0	0	3.1	18.7	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-2-22	4/21/2020	0817	-0.76	-0.14	0 0	0	2.1	19.4	0.0	0 0	0.0	0.0	
VMP-2-22-Dup	4/21/2020	0817	NM	NM	0 0	0	2.2	19.3	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-2-22	5/21/2020	0914	-0.24	-0.23	0 0	0	2.2	18.8	0.0	0 0	0.0	0.0	
VMP-2-22	6/18/2020	0847	-0.17	-0.23	0 0	0	2.4	18.2	0.1	0 0	0.0	0.0	
VMP-2-22	7/21/2020	0827	-0.14	0.00	0 0	0	3.6	16.7	0.0	3 9	0.0	3.9	Re-sampled to confirm initial sample.
VMP-2-22	7/21/2020	1210	0.00	NM	0 0	0	3.5	16.7	0.0	3 8	0.0	3.8	Re-sample.
VMP-2-22	8/20/2020	1052	0.00	0.00	0 0	0	4.2	16.0	0.0	2.1	2.1	0.0	
VMP-2-22	9/17/2020	1310	0.00	0.00	0 0	0	4.6	15.8	0.1	1 0	0.0	1.0	
VMP-2-22	10/27/2020	1126	0.09	0.12	0 0	0	4.9	15.8	0.0	0 0	0.0	0.0	
VMP-2-22	11/24/2020	1256	0.25	0.00	0 0	0	4.7	16.1	0.0	0 0	0.0	0.0	
VMP-2-22-Dup	11/24/2020	1256	NM	NM	0 0	0	4.5	16.2	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-2-22	12/17/2020	1056	-0.41	-0.17	0 0	0	3.3	18.2	0.0	0 0	0.0	0.0	
VMP-2-42	1/21/2020	1138	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/20/2020	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/11/2020	1454	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/21/2020	0818	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/21/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/18/2020	0848	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/21/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/20/2020	1053	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/17/2020	1311	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/27/2020	1127	5.08	0.48	OVR	OVR	8.7	1.1	152	500000	500000	0.0	FID flame-out occurred on THC and methane scrubber. 10:1 dilution probe was used.
VMP-2-42	11/24/2020	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/17/2020	1058	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-5	1/21/2020	1230	0.00	0.00	0 0	0	0.0	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-5	2/20/2020	1331	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-5	3/12/2020	909	0.00	0.00	0 0	0	0.0	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-5	4/21/2020	0838	-0.05	-0.25	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-3-5	5/21/2020	1011	-0.15	-0.09	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-3-5	6/18/2020	1020	-0.15	-0.13	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-3-5	7/21/2020	0945	-0.15	-0.15	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-3-5	7/31/2020	0901	-0.21	NM	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-3-5	8/19/2020	0854	-0.13	-0.11	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-5	9/17/2020	1156	-0.19	-0.12	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-5	9/29/2020	1138	-0.94	NM	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-3-5	10/6/2020	1243	0.00	NM	0 0	0	1.0	19.8	0.0	2.1	2.1	0.0	
VMP-3-5	10/7/2020	1407	0.00	NM	0 0	0	0.2	19.6	0.0	0 0	0.0	0.0	
VMP-3-5	10/13/2020	1402	-0.12	NM	0 0	0	0.3	19.7	0.1	0 0	0.0	0.0	
VMP-3-5	10/20/2020	1330	0.00	NM	0 0	0	0.3	19.5	0.0	0 0	0.0	0.0	
VMP-3-5	10/27/2020	0920	0.00	0.00	0 0	0	0.2	19.8	0.0	0 0	0.0	0.0	
VMP-3-5	11/24/2020	1045	-0.11	-0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-5	12/17/2020	1100	-0.25	-0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-10	1/21/2020	1231	0.00	0.22	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-10	2/20/2020	1332	0.00	0.00	0 0	0	0.5	19.9	0.0	14.2	14.2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-10	3/12/2020	0910	0.10	0.00	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10	3/12/2020	910	0.10	0.00	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10-Dup	3/12/2020	910	NM	NM	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-10	4/21/2020	0839	-0.18	-0.70	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-3-10	5/21/2020	1012	-0.46	-0.46	0 0	0	0.2	20.6	0.2	0 0	0.0	0.0	
VMP-3-10	6/18/2020	1021	-0.54	-0.56	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-3-10	7/21/2020	0946	-0.87	-0.55	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	
VMP-3-10	7/31/2020	0903	-1.55	NM	0 0	0	0.7	20.3	0.3	0 0	0.0	0.0	
VMP-3-10	8/19/2020	0855	-0.87	-0.86	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-10	9/17/2020	1157	-1.05	-1.05	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-10	9/29/2020	1136	0.23	NM	0 0	0	0.6	20.0	0.2	0 8	0.8	0.0	
VMP-3-10	10/6/2020	1240	0.00	NM	0 0	0	0.3	19.8	0.0	0 0	0.0	0.0	
VMP-3-10	10/7/2020	1408	0.00	NM	0 0	0	0.8	19.6	0.3	3.1	2.8	0.3	
VMP-3-10	10/13/2020	1406	0.00	NM	0 0	0	0.8	19.6	0.1	1 6	1.6	0.0	
VMP-3-10	10/20/2020	1333	0.12	NM	0 0	0	1.2	19.3	0.0	9.1	9.1	0.0	
VMP-3-10	10/27/2020	0921	-0.78	-0.16	0 0	0	1.2	19.2	0.0	4 2	4.2	0.0	
VMP-3-10	11/24/2020	1046	-0.55	-0.78	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-3-10	12/17/2020	1101	-1.13	-1.13	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-22	1/21/2020	1232	-0.28	0.35	0 0	0	0.6	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-22	2/20/2020	1333	0.00	0.00	0 0	0	1.7	17.7	0.1	9 2	9.2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-22	3/12/2020	911	0.15	0.00	0 0	0	0.9	19.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-22	4/21/2020	0840	-0.50	-1.88	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	
VMP-3-22	5/21/2020	1013	-2.01	-1.85	0 0	0	0.8	20.0	0.0	0 0	0.0	0.0	
VMP-3-22	6/18/2020	1022	-1.27	-1.35	0 0	0	1.2	19.7	0.0	0 0	0.0	0.0	
VMP-3-22	7/21/2020	0947	-2.31	-2.33	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	
VMP-3-22	7/31/2020	0905	-2.10	NM	0 0	0	1.9	19.3	0.1	0 0	0.0	0.0	
VMP-3-22	8/19/2020	0856	-2.13	-2.20	0 0	0	1.6	19.4	0.0	0 0	0.0	0.0	
VMP-3-22	9/17/2020	1158	-1.75	-1.77	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	
VMP-3-22	9/29/2020	1140	0.04	NM	0 0	0	1.6	19.8	0.0	7 2	7.2	0.0	
VMP-3-22	10/6/2020	1236	-0.10	NM	0 0	0	1.7	19.6	0.1	4 6	4.6	0.0	
VMP-3-22	10/7/2020	1409	0.00	NM	0 0	0	1.5	18.9	0.2	11.2	9.8	1.4	
VMP-3-22	10/13/2020	1404	0.13	NM	0 0	0	1.6	18.6	0.1	3.7	3.7	0.0	
VMP-3-22	10/20/2020	1326	0.20	NM	0 0	0	1.9	18.3	0.0	4 8	4.8	0.0	
VMP-3-22	10/27/2020	0922	-0.21	0.06	0 0	0	2.0	18.0	0.0	3 3	3.3	0.0	
VMP-3-22	11/24/2020	1047	-2.27	-2.28	0 0	0	0.9	20.3	0.0	0 0	0.0	0.0	
VMP-3-22	12/17/2020	1102	-2.43	-2.32	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-3-31 5	1/21/2020	1233	0.65	0.73	0 0	1	9.2	10.3	1.0	310	293	17 0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-31 5	2/20/2020	1334	0.11	0.14	0 0	1	12.7	4.1	0.4	246	232	14 0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-3-31 5	3/12/2020	0912	0.47	0.12	0 0	1	13 0	3.3	5.2	508	447	61 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-31 5	3/12/2020	912	0.47	0.12	0 0	1	13 0	3.3	5.2	508	447	61 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-3-31 5	4/21/2020	0841	-0.62	-8.16	6 3	OVR	10 5	7.5	392	17010	11710	5300	
VMP-3-31 5	5/21/2020	1014	-6.50	-6.35	5 5	OVR	13 2	4.2	137	17710	13230	4480	
VMP-3-31 5	6/18/2020	1023	-5.23	-5.94	0.1	3	10 3	9.1	3.1	1250	1040	210	
VMP-3-31 5	7/21/2020	0948	-8.37	-8.30	0.1	2	6.5	14.0	7.8	352	352	0.0	
VMP-3-31 5	7/31/2020	0907	-8.73	NM	1.4	29	4.3	15.9	113	2583	1494	1089	
VMP-3-31 5	8/19/2020	0857	-6.67	-7.04	3 3	66	33 0	16.4	187	8179	5755	2424	
VMP-3-31 5	9/17/2020	1159	-6.47	-6.42	26.3	OVR	4.1	14.7	485	29770	17840	11930	
VMP-3-31 5	9/29/2020	1142	0.06	NM	6 5	OVR	10 3	2.1	328	12430	8270	4160	
VMP-3-31 5	10/6/2020	1230	0.00	NM	39.5	OVR	8.5	6.1	589	40370	26430	13940	
VMP-3-31 5	10/7/2020	1410	0.73	NM	45.9	OVR	10 2	1.1	537	44260	28660	15600	
VMP-3-31 5	10/13/2020	1406	0.53	NM	44.1	OVR	10.7	0.8	347	57110	39210	17900	
VMP-3-31 5	10/20/2020	1323	0.70	NM	73.2	OVR	10 8	1.4	469	74250	49190	25060	
VMP-3-31 5	10/27/2020	0923	-0.75	-0.15	85.1	OVR	11 6	0.2	407	88030	58850	29180	
VMP-3-31 5	11/24/2020	1048	-9.50	-9.35	0 0	0	5.3	15.1	0.0	0 0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-3-31 5	11/24/2020	1220	-9.39	NM	0 0	0	5.3	15.2	0.8	11.0	5.0	6.0	Re-sample.
VMP-3-31 5	12/17/2020	1103	-9.81	-9.43	0 0	0	3.3	18.1	1.2	15.8	0.0	15 8	
VMP-3-31.5-Dup	12/17/2020	1103	NM	NM	0 0	0	3.2	18.2	1.2	16.0	0.0	16 0	Duplicate sample.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	1/21/2020	1234	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/20/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	3/12/2020	913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/21/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/21/2020	1015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/18/2020	1024	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/21/2020	0949	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/31/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/19/2020	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/17/2020	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/29/2020	1144	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/6/2020	1225	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/7/2020	1411	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/13/2020	1408	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/20/2020	1321	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/27/2020	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/24/2020	1049	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/17/2020	1104	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	1/21/2020	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-4-5	2/20/2020	1215	0.00	0.00	0 0	0	0.1	20.8	0.0	4 6	4.6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-5	3/12/2020	0917	0.22	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-5	4/21/2020	0852	-0.33	-0.37	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-4-5	5/21/2020	0830	-1.44	-1.35	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-4-5	6/18/2020	1116	-0.16	-1.12	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-4-5	7/21/2020	0846	-0.95	-0.87	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-4-5	8/19/2020	1122	-0.78	-0.74	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-4-5	9/17/2020	1011	-0.61	-0.64	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-4-5	9/29/2020	1304	0.02	NM	0 0	0	0.4	20.2	0.3	0.4	0.4	0.0	
VMP-4-5	10/6/2020	1518	0.00	NM	0 0	0	0.7	19.6	0.1	2 3	2.3	0.0	
VMP-4-5	10/13/2020	1308	0.00	NM	0 0	0	0.7	19.2	0.0	2 2	2.2	0.0	
VMP-4-5	10/27/2020	0910	0.00	0.00	0 0	0	1.0	18.8	0.1	1 8	1.8	0.0	
VMP-4-5	11/24/2020	0910	-0.17	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-4-5	12/17/2020	0858	-0.90	-0.54	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-12	1/21/2020	0931	0.00	0.00	0 0	0	0.0	20.9	0.0	1 8	1.8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12-Dup	1/21/2020	0931	NM	NM	0 0	0	0.0	20.9	0.0	1 9	1.9	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12	2/20/2020	1216	-0.15	0.00	0 0	0	0.1	20.5	0.0	16.8	16.8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-12	3/12/2020	0918	-0.13	0.00	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-12	4/21/2020	0853	-0.61	-2.43	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-4-12	5/21/2020	0831	-2.38	-2.29	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-4-12	6/18/2020	1118	-2.16	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-4-12	7/21/2020	0847	-2.03	-1.93	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	
VMP-4-12	8/19/2020	1123	-1.75	-1.70	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-4-12	9/17/2020	1012	-1.60	-1.69	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-4-12	9/29/2020	1306	0.05	NM	0 0	0	0.3	20.4	0.1	1.7	1.7	0.0	
VMP-4-12	10/6/2020	1520	0.00	NM	0 0	0	0.4	20.0	0.0	3 6	3.6	0.0	
VMP-4-12	10/13/2020	1310	0.00	NM	0 0	0	0.5	19.2	0.1	5 3	5.3	0.0	
VMP-4-12	10/27/2020	0911	0.00	0.00	0 0	0	0.9	18.4	0.1	6 2	6.2	0.0	
VMP-4-12-Dup	10/27/2020	0911	NM	NM	0 0	0	1.0	18.3	0.1	6.1	6.1	0.0	Duplicate sample.
VMP-4-12	11/24/2020	0911	-2.02	-2.03	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-4-12	12/17/2020	0859	-2.21	-2.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-4-23 5	1/21/2020	0932	0.00	0.00	0 0	0	2.5	19.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-23 5	2/20/2020	1217	-0.51	0.00	0 0	0	2.8	17.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-4-23 5	3/12/2020	0919	0.35	0.30	0 0	0	4.4	17.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-23.5-Dup	3/12/2020	0919	NM	NM	0 0	0	4.4	17.6	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-4-23 5	4/21/2020	0854	0.00	-7.09	0 0	0	1.8	19.1	0.0	0 0	0.0	0.0	
VMP-4-23 5	5/21/2020	0832	-6.61	-6.34	0 0	0	1.3	19.7	0.0	0 0	0.0	0.0	
VMP-4-23 5	6/18/2020	1120	-5.52	-5.48	0 0	0	1.6	19.3	0.0	0 0	0.0	0.0	
VMP-4-23 5	7/21/2020	0848	-3.06	-2.76	0 0	0	1.8	18.7	0.1	1.7	1.7	0.0	
VMP-4-23.5-Dup	7/21/2020	0848	NM	NM	0 0	0	1.8	18.8	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-4-23 5	8/19/2020	1124	-2.78	-2.49	0 0	0	1.6	18.9	0.0	0 0	0.0	0.0	
VMP-4-23 5	9/17/2020	1013	-2.64	-2.42	0 0	0	1.9	17.9	0.0	0 0	0.0	0.0	
VMP-4-23 5	9/29/2020	1308	0.37	NM	0 0	0	2.7	16.3	0.1	0 0	0.0	0.0	
VMP-4-23 5	10/6/2020	1522	0.50	NM	0 0	0	3.0	16.1	0.0	0 0	0.0	0.0	
VMP-4-23 5	10/13/2020	1312	0.26	NM	0 0	0	3.3	13.8	0.0	0 0	0.0	0.0	
VMP-4-23 5	10/27/2020	0912	-0.36	0.00	0 0	0	4.3	11.6	0.0	0 0	0.0	0.0	
VMP-4-23 5	11/24/2020	0912	-1.68	-7.63	0 0	0	1.9	19.8	0.0	0 0	0.0	0.0	
VMP-4-23 5	12/17/2020	0900	-7.72	-6.97	0 0	0	1.7	19.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-39	1/21/2020	0933	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/20/2020	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/12/2020	920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/21/2020	0855	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2020	0833	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/18/2020	1122	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/21/2020	0849	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/19/2020	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2020	1014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/6/2020	1524	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/13/2020	1314	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/27/2020	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/24/2020	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/17/2020	0901	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	1/21/2020	0810	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-5	2/20/2020	1025	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-5	3/11/2020	1440	-0.15	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-5-5	4/21/2020	1235	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-5-5	5/20/2020	1330	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-5-5	6/18/2020	1022	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-5-5-Dup	6/18/2020	1022	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-5-5	7/21/2020	0802	0.00	0.00	0 0	0	0.4	20.0	0.0	0 0	0.0	0.0	
VMP-5-5	8/19/2020	1228	0.00	0.00	0 0	0	1.1	20.1	0.0	0 0	0.0	0.0	
VMP-5-5	9/16/2020	1332	0.00	0.00	0 0	0	1.8	18.7	0.0	0 0	0.0	0.0	
VMP-5-5	10/27/2020	1000	0.00	0.00	0 0	0	2.1	18.7	0.0	0 0	0.0	0.0	
VMP-5-5	11/24/2020	0856	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-5-5	12/16/2020	1303	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-5-12 5	1/21/2020	0811	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-5-12 5	2/20/2020	1026	-0.30	0.00	0 0	0	0.3	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-12 5	3/11/2020	1441	0.00	0.00	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-5-12 5	4/21/2020	1236	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-5-12 5	5/20/2020	1331	-0.71	-0.63	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-5-12 5	6/18/2020	1024	-0.55	-0.56	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-5-12 5	7/21/2020	0803	0.00	0.00	0 0	0	0.8	19.8	0.0	0 0	0.0	0.0	
VMP-5-12 5	8/19/2020	1229	0.00	0.00	0 0	0	2.5	18.2	0.0	0 0	0.0	0.0	
VMP-5-12 5	9/16/2020	1333	0.00	0.00	0 0	0	2.9	17.8	0.0	0 0	0.0	0.0	
VMP-5-12 5	10/27/2020	1001	0.00	0.00	0 0	0	3.4	17.4	0.0	0 0	0.0	0.0	
VMP-5-12 5	11/24/2020	0857	0.00	-0.19	0 0	0	0.9	20.1	0.0	0 0	0.0	0.0	
VMP-5-12 5	12/16/2020	1304	0.00	-0.11	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-31	1/21/2020	0812	0.00	0.00	0 0	0	0.9	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31-Dup	1/21/2020	0812	NM	NM	0 0	0	0.8	20.3	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31	2/20/2020	1027	-0.57	-0.22	0 0	0	1.1	19.7	0.0	14.9	14.9	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-5-31	3/11/2020	1442	0.30	0.31	0 0	0	1.0	19.9	0.0	0 0	0.0	0.0	
VMP-5-31	4/21/2020	1337	-2.17	-2.80	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	
VMP-5-31-Dup	4/21/2020	1337	NM	NM	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-5-31	5/20/2020	1332	-2.14	-2.09	0 0	0	0.9	20.0	0.0	0 0	0.0	0.0	
VMP-5-31	6/18/2020	1026	-1.88	-0.92	0 0	0	1.1	19.9	0.0	0 0	0.0	0.0	
VMP-5-31	7/21/2020	0804	-0.31	-0.26	0 0	0	1.2	19.4	0.2	7 6	7.6	0.0	
VMP-5-31-Dup	7/21/2020	0804	NM	NM	0 0	0	1.3	19.4	0.2	7.7	7.7	0.0	Duplicate sample.
VMP-5-31	8/19/2020	1230	-0.15	-0.15	0 0	0	1.4	19.3	0.1	23.9	23.9	0.0	
VMP-5-31	9/16/2020	1334	0.00	0.00	0 0	0	1.7	17.9	0.0	9 9	9.9	0.0	
VMP-5-31	10/27/2020	1002	0.00	0.00	0 0	0	2.3	17.2	0.1	22.8	22.8	0.0	
VMP-5-31	11/24/2020	0858	-0.68	-0.72	0 0	0	2.7	19.2	0.0	0 0	0.0	0.0	
VMP-5-31-Dup	11/24/2020	0858	NM	NM	0 0	0	2.7	19.2	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-5-31	12/16/2020	1305	-0.60	-0.68	0 0	0	1.8	19.5	0.0	0 8	0.8	0.0	
VMP-5-31-Dup	12/16/2020	1305	NM	NM	0 0	0	1.8	19.6	0.0	1 0	1.0	0.0	Duplicate sample.
VMP-5-40	1/21/2020	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	2/20/2020	1028	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	3/11/2020	1443	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	4/21/2020	1238	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	5/20/2020	1333	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	6/18/2020	1028	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	7/21/2020	0805	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/16/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	10/27/2020	1003	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	11/24/2020	0859	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	12/16/2020	1306	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-5	1/20/2020	1440	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-5	2/20/2020	0915	-0.10	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-5	3/11/2020	1320	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-5	4/21/2020	1311	0.00	-0.11	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-6-5	5/20/2020	1230	-0.15	-0.24	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-6-5	6/18/2020	0940	0.00	-0.10	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-6-5	7/20/2020	1400	0.00	0.00	0 0	0	1.2	18.5	0.0	0 0	0.0	0.0	
VMP-6-5	8/19/2020	1340	0.00	0.00	0 0	0	2.6	16.5	0.0	0 0	0.0	0.0	
VMP-6-5	9/17/2020	1504	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-6-5	10/27/2020	1110	0.00	0.00	0 0	0	2.8	17.4	0.0	0 0	0.0	0.0	
VMP-6-5	11/23/2020	1412	0.00	0.00	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	
VMP-6-5	12/16/2020	1234	0.35	0.33	0 0	0	1.3	19.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-10	1/20/2020	1441	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-10	2/20/2020	0916	-0.13	-0.19	0 0	0	0.2	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-10	3/11/2020	1321	0.09	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-10	4/21/2020	1312	-0.41	-0.44	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-6-10	5/20/2020	1321	-0.54	-0.44	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-6-10	6/18/2020	0942	0.00	-0.37	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	
VMP-6-10-Dup	6/18/2020	0942	NM	NM	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-6-10	7/20/2020	1402	0.00	0.00	0 0	0	1.2	19.0	0.0	0 0	0.0	0.0	
VMP-6-10	8/19/2020	1341	0.00	0.00	0 0	0	2.6	16.8	0.0	0 0	0.0	0.0	
VMP-6-10	9/17/2020	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-6-10	10/27/2020	1111	0.00	0.00	0 0	0	3.6	16.5	0.0	0 0	0.0	0.0	
VMP-6-10	11/23/2020	1413	0.00	0.00	0 0	0	2.7	18.7	0.0	0 0	0.0	0.0	
VMP-6-10	12/16/2020	1235	0.41	0.30	0 0	0	2.1	19.4	0.0	0 0	0.0	0.0	
VMP-6-31 5	1/20/2020	1442	0.00	0.00	0 0	0	1.5	19.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-31 5	2/20/2020	0917	-0.27	-0.10	0 0	0	0.8	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-6-31 5	3/11/2020	1322	0.00	0.00	0 0	0	1.2	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-6-31 5	4/21/2020	1313	-0.71	-0.47	0 0	0	1.5	19.9	0.0	0 0	0.0	0.0	
VMP-6-31 5	5/20/2020	1232	-0.32	-0.75	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-6-31 5	6/18/2020	0944	-0.80	-0.82	0 0	0	1.4	19.6	0.0	9 9	9.9	0.0	
VMP-6-31 5	7/20/2020	1402	0.10	0.00	0 0	0	2.0	18.5	0.0	40.9	40.9	0.0	Re-sampled to confirm initial sample.
VMP-6-31 5	7/21/2020	1105	0.00	NM	0 0	0	2.0	18.3	0.0	44.1	44.1	0.0	Re-sample.
VMP-6-31 5	8/19/2020	1342	0.10	0.10	0 0	0	2.9	17.1	0.3	12.2	12.2	0.0	
VMP-6-31 5	9/17/2020	1506	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-6-31 5	10/27/2020	1112	0.00	0.00	0 0	0	4.2	14.7	0.0	0 0	0.0	0.0	
VMP-6-31.5-Dup	10/27/2020	1112	NM	NM	0 0	0	4.3	14.6	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-6-31 5	11/23/2020	1414	0.00	0.00	0 0	0	4.0	15.8	0.0	0 0	0.0	0.0	
VMP-6-31 5	12/16/2020	1236	0.10	0.00	0 0	0	3.8	16.5	0.0	0 0	0.0	0.0	
VMP-6-39	1/20/2020	1443	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	2/20/2020	0918	-4.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	3/11/2020	1323	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	4/21/2020	1314	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	5/20/2020	1233	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	6/18/2020	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	7/20/2020	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/19/2020	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/17/2020	1507	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-6-39	10/27/2020	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	11/23/2020	1415	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	12/16/2020	1237	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-5	1/20/2020	1421	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-5	2/20/2020	0835	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-5	3/11/2020	1114	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-5	4/21/2020	1406	-1.06	-0.60	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-7-5	5/20/2020	1110	-0.71	-0.86	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-7-5	6/18/2020	0922	-1.09	-0.64	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-7-5	7/20/2020	1350	-0.54	0.00	0 0	0	0.4	20.2	0.0	0 0	0.0	0.0	
VMP-7-5	8/20/2020	0813	-0.68	0.00	0 0	0	1.2	17.9	0.5	0 0	0.0	0.0	
VMP-7-5	9/16/2020	1310	-0.29	0.00	0 0	0	1.9	16.9	0.0	0 0	0.0	0.0	
VMP-7-5	10/27/2020	1129	0.00	0.00	0 0	0	1.8	19.1	0.3	0 0	0.0	0.0	
VMP-7-5	11/23/2020	1400	0.00	0.10	0 0	0	0.0	20.9	0.2	0 0	0.0	0.0	
VMP-7-5	12/16/2020	1219	-0.20	-0.41	0 0	0	0.6	20.4	0.2	0 0	0.0	0.0	
VMP-7-13 5	1/20/2020	1422	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-13 5	2/20/2020	0836	-0.73	0.00	0 0	0	0.1	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-13 5	3/11/2020	1115	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-13 5	4/21/2020	1407	-2.06	-1.37	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-7-13 5	5/20/2020	1111	-61.26	-1.70	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-7-13 5	6/18/2020	0924	-1.26	-1.32	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-7-13 5	7/20/2020	1351	-0.60	0.00	0 0	0	0.6	20.1	0.0	0 0	0.0	0.0	
VMP-7-13 5	8/20/2020	0816	-0.61	0.00	0 0	0	1.0	18.5	0.2	0 0	0.0	0.0	
VMP-7-13 5	9/16/2020	1311	0.27	0.12	0 0	0	1.4	17.7	0.3	0 0	0.0	0.0	
VMP-7-13 5	10/27/2020	1130	0.00	0.00	0 0	0	2.2	18.4	0.0	0 0	0.0	0.0	
VMP-7-13 5	11/23/2020	1401	0.00	0.00	0 0	0	1.5	19.7	0.0	0 0	0.0	0.0	
VMP-7-13 5	12/16/2020	1220	-0.30	0.00	0 0	0	1.0	20.0	0.1	0 0	0.0	0.0	
VMP-7-29 5	1/20/2020	1423	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-29 5	2/20/2020	0837	-0.23	0.00	0 0	0	1.6	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-29.5-Dup	2/20/2020	0837	NM	NM	0 0	0	1.6	19.2	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-7-29 5	3/11/2020	1116	-0.42	1.15	0 0	0	1.5	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-7-29 5	4/21/2020	1409	-1.28	-1.02	0 0	0	1.7	19.5	0.0	0 0	0.0	0.0	
VMP-7-29 5	5/20/2020	1112	-1.61	-2.08	0 0	0	2.0	19.0	0.1	0 0	0.0	0.0	
VMP-7-29 5	6/18/2020	0926	0.00	-0.15	0 0	0	1.9	19.1	0.0	0 0	0.0	0.0	
VMP-7-29 5	7/20/2020	1352	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-29 5	8/20/2020	0817	-1.39	0.87	0 0	0	1.6	18.7	0.3	0 0	0.0	0.0	
VMP-7-29 5	8/20/2020	0817	NM	NM	0 0	0	1.6	18.6	0.3	0 0	0.0	0.0	Duplicate sample.
VMP-7-29 5	9/16/2020	1312	0.10	0.15	0 0	0	1.6	18.0	0.2	0 0	0.0	0.0	
VMP-7-29.5-Dup	9/16/2020	1312	NM	NM	0 0	0	1.7	17.8	0.2	0 0	0.0	0.0	Duplicate sample.
VMP-7-29 5	10/27/2020	1131	0.00	0.00	0 0	0	2.4	17.3	0.1	0 0	0.0	0.0	
VMP-7-29 5	11/23/2020	1402	0.00	-0.24	0 0	0	2.5	18.1	0.0	0 0	0.0	0.0	
VMP-7-29 5	12/16/2020	1221	0.28	0.00	0 0	0	2.5	18.5	0.1	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-38	1/20/2020	1424	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-7-38	2/20/2020	0839	-5.49	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	3/11/2020	1117	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	4/21/2020	1409	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	5/20/2020	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	6/18/2020	0928	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	7/20/2020	1353	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/20/2020	0818	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/16/2020	1313	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	10/27/2020	1132	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	11/23/2020	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	12/16/2020	1222	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-5	1/20/2020	1335	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-5	2/19/2020	1415	0.00	0.00	0 0	0	0.2	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-5	3/11/2020	1033	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-5	4/21/2020	1441	0.00	-0.13	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-9-5	5/20/2020	1025	0.00	-0.21	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-9-5	6/18/2020	0848	-0.13	-0.10	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-9-5	7/20/2020	1125	0.00	0.00	0 0	0	2.3	17.1	0.2	0 0	0.0	0.0	
VMP-9-5	8/20/2020	0935	0.00	0.00	0 0	0	4.6	14.1	0.2	0 0	0.0	0.0	
VMP-9-5	9/16/2020	1125	0.00	0.00	0 0	0	4.2	16.1	0.0	0 0	0.0	0.0	
VMP-9-5	10/26/2020	1220	0.00	0.00	0 0	0	0.2	20.2	0.0	0 0	0.0	0.0	
VMP-9-5	11/23/2020	1233	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-9-5	12/16/2020	1104	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-9-11 5	1/20/2020	1336	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-11 5	2/19/2020	1416	0.00	0.00	0 0	0	0.3	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-11 5	3/11/2020	1034	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-11 5	4/21/2020	1442	-0.24	-0.42	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-9-11 5	5/20/2020	1026	0.00	-0.44	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-9-11 5	6/18/2020	0850	0.00	-0.30	0 0	0	1.1	20.3	0.0	0 0	0.0	0.0	
VMP-9-11 5	7/20/2020	1126	0.00	0.00	0 0	0	1.5	18.5	0.1	0 0	0.0	0.0	
VMP-9-11 5	8/20/2020	0936	0.00	0.00	0 0	0	2.4	17.3	0.1	0 0	0.0	0.0	
VMP-9-11 5	9/16/2020	1126	0.00	0.00	0 0	0	2.8	17.0	0.0	0 0	0.0	0.0	
VMP-9-11 5	10/26/2020	1221	0.00	0.00	0 0	0	0.9	19.7	0.0	0 0	0.0	0.0	
VMP-9-11 5	11/23/2020	1234	0.00	0.00	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-9-11 5	12/16/2020	1105	-0.12	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-25 5	1/20/2020	1337	0.00	0.00	0 0	0	0.7	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-25 5	2/19/2020	1417	0.00	0.00	0 0	0	0.8	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-9-25 5	3/11/2020	1035	0.11	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-9-25 5	4/21/2020	1443	-0.11	-0.68	0 0	0	0.4	20.4	0.1	0 0	0.0	0.0	
VMP-9-25 5	5/20/2020	1027	-1.01	-0.33	0 0	0	0.6	19.9	0.0	0 0	0.0	0.0	
VMP-9-25 5	6/18/2020	0852	-0.70	-0.67	0 0	0	1.0	19.9	0.0	0 0	0.0	0.0	
VMP-9-25 5	7/20/2020	1127	0.00	0.00	0 0	0	1.5	19.1	0.0	0 0	0.0	0.0	
VMP-9-25 5	8/20/2020	0937	-0.79	0.09	0 0	0	1.7	18.9	0.0	0 0	0.0	0.0	
VMP-9-25 5	9/16/2020	1127	0.00	0.00	0 0	0	1.6	18.8	0.0	0 0	0.0	0.0	
VMP-9-25 5	10/26/2020	1222	-0.28	0.00	0 0	0	1.9	18.6	0.0	0 0	0.0	0.0	
VMP-9-25 5	11/23/2020	1235	-0.12	0.00	0 0	0	1.9	19.4	0.0	0 0	0.0	0.0	
VMP-9-25 5	12/16/2020	1106	-0.20	-0.17	0 0	0	1.7	19.6	0.0	0 0	0.0	0.0	
VMP-9-38 5	1/20/2020	1338	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	2/19/2020	1418	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	3/11/2020	1036	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	4/21/2020	1444	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	5/20/2020	1028	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	6/18/2020	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	7/20/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	8/20/2020	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	9/16/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	10/26/2020	1223	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	11/23/2020	1236	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38 5	12/16/2020	1107	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-5	1/20/2020	0915	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-5	2/19/2020	1010	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-5	3/11/2020	0902	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-5	4/22/2020	0951	0.00	0.00	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-10-5	5/20/2020	0840	0.00	0.00	0 0	0	1.1	20.0	0.0	0 0	0.0	0.0	
VMP-10-5	6/17/2020	1021	0.00	0.00	0 0	0	1.1	20.3	0.0	0 0	0.0	0.0	
VMP-10-5	7/20/2020	0935	0.00	0.00	0 0	0	1.7	19.4	0.1	0 0	0.0	0.0	
VMP-10-5	8/20/2020	1210	0.00	0.00	0 0	0	2.3	18.8	0.0	0 0	0.0	0.0	
VMP-10-5	9/16/2020	0930	0.00	0.00	0 0	0	1.7	19.6	0.1	0 0	0.0	0.0	
VMP-10-5	10/26/2020	0918	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-10-5	11/23/2020	0847	-0.14	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-10-5	12/16/2020	0945	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-10	1/20/2020	0916	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-10	2/19/2020	1011	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-10	3/11/2020	0903	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-10-Dup	3/11/2020	0903	NM	NM	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-10	4/22/2020	0952	0.00	0.00	0 0	0	0.5	20.3	0.0	0 0	0.0	0.0	
VMP-10-10	5/20/2020	0841	0.00	0.00	0 0	0	0.9	20.1	0.0	0 0	0.0	0.0	
VMP-10-10	6/17/2020	1023	0.00	0.00	0 0	0	1.4	20.0	0.0	0 0	0.0	0.0	
VMP-10-10	7/20/2020	0936	0.00	0.00	0 0	0	1.4	19.6	0.1	0 0	0.0	0.0	
VMP-10-10	8/20/2020	1211	0.00	0.00	0 0	0	1.5	18.9	0.0	0 0	0.0	0.0	
VMP-10-10	9/16/2020	0931	0.00	0.00	0 0	0	1.9	19.1	0.0	0 0	0.0	0.0	
VMP-10-10	10/26/2020	0919	0.00	-0.31	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-10-10	11/23/2020	0848	0.00	0.00	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-10-10	12/16/2020	0946	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-10-20	1/20/2020	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-10-20	2/19/2020	1012	0.00	0.00	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-10-20	3/11/2020	0904	0.00	0.00	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-10-20	4/22/2020	0953	0.00	0.00	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-10-20	5/20/2020	0842	0.00	0.00	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	
VMP-10-20	6/17/2020	1025	0.00	0.00	0 0	0	1.0	19.9	0.0	0 0	0.0	0.0	
VMP-10-20	7/20/2020	0937	0.00	0.00	0 0	0	1.3	19.6	0.0	0 0	0.0	0.0	
VMP-10-20-Dup	7/20/2020	0937	NM	NM	0 0	0	1.3	19.6	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-10-20	8/20/2020	1212	0.11	0.00	0 0	0	1.9	18.7	0.0	0 0	0.0	0.0	
VMP-10-20	9/16/2020	0932	0.00	0.00	0 0	0	1.9	18.8	0.0	0 0	0.0	0.0	
VMP-10-20	10/26/2020	0920	0.00	-0.12	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-10-20	11/23/2020	0849	-0.10	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-10-20	12/16/2020	0947	-0.10	-0.09	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-10-30	1/20/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	2/19/2020	1013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	3/11/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	4/22/2020	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	5/20/2020	0843	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	6/17/2020	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	7/20/2020	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/20/2020	1213	0.00	-0.68	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/16/2020	0933	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	10/26/2020	0921	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	11/23/2020	0850	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	12/16/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-5	1/20/2020	1030	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-5	2/19/2020	1215	0.00	0.00	0 0	0	0.6	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-5	3/11/2020	1009	0.29	0.00	0 0	0	0.7	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-5	4/22/2020	0828	0.00	0.00	0 0	0	0.9	20.1	0.0	0 0	0.0	0.0	
VMP-11-5	5/20/2020	1015	0.00	0.00	0 0	0	1.5	18.9	0.0	0 0	0.0	0.0	
VMP-11-5	6/18/2020	0822	0.00	-0.16	0 0	0	2.0	19.6	0.0	0 0	0.0	0.0	
VMP-11-5	7/20/2020	1100	0.58	0.00	0 0	0	3.7	15.5	0.7	0 0	0.0	0.0	
VMP-11-5	8/20/2020	1025	-0.69	-0.16	0 0	0	5.8	15.2	1.3	0 8	0.6	0.2	
VMP-11-5	9/16/2020	1108	0.29	0.00	0 0	0	4.1	17.2	0.0	0 0	0.0	0.0	
VMP-11-5	10/26/2020	1103	0.00	0.00	0 0	0	0.0	20.9	0.9	0.7	0.1	0.6	
VMP-11-5	11/23/2020	1130	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-11-5	12/16/2020	1050	-0.09	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-11-8	1/20/2020	1031	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-8	2/19/2020	1216	0.00	0.00	0 0	0	0.5	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-8	3/11/2020	1010	0.29	0.00	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-8	4/22/2020	0829	-0.23	0.00	0 0	0	0.4	20.6	0.1	0 0	0.0	0.0	
VMP-11-8	5/20/2020	1016	-0.35	0.00	0 0	0	1.3	19.4	0.0	0 0	0.0	0.0	
VMP-11-8	6/18/2020	0824	0.00	0.00	0 0	0	1.8	19.8	0.0	0 0	0.0	0.0	
VMP-11-8	7/20/2020	1101	0.00	0.00	0 0	0	3.8	15.4	0.8	0 0	0.0	0.0	
VMP-11-8	8/20/2020	1026	0.00	0.00	0 0	0	5.8	15.7	0.7	0 0	0.0	0.0	
VMP-11-8	9/16/2020	1109	-0.27	0.00	0 0	0	3.8	17.7	0.0	0 0	0.0	0.0	
VMP-11-8	10/26/2020	1104	0.00	0.00	0 0	0	0.0	20.9	0.6	0 0	0.0	0.0	
VMP-11-8	11/23/2020	1131	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-11-8	12/16/2020	1051	-0.13	-0.12	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-11-29	1/20/2020	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-29	2/19/2020	1217	0.00	0.00	0 0	0	1.7	19.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-29	3/11/2020	1011	0.00	0.00	0 0	0	1.8	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-29	4/22/2020	0830	-0.10	-0.12	0 0	0	1.5	19.4	0.0	0 0	0.0	0.0	
VMP-11-29	5/20/2020	1017	-0.20	-0.21	0 0	0	1.6	19.3	0.0	0 0	0.0	0.0	
VMP-11-29	6/18/2020	0826	-0.43	-0.13	0 0	0	1.7	19.4	0.0	0 0	0.0	0.0	
VMP-11-29	7/20/2020	1102	0.61	0.00	0 0	0	2.3	17.8	0.8	0 0	0.0	0.0	
VMP-11-29	8/20/2020	1027	0.00	0.00	0 0	0	3.1	17.6	0.8	0 0	0.0	0.0	
VMP-11-29	9/16/2020	1110	-0.15	0.00	0 0	0	2.5	18.1	0.0	0 0	0.0	0.0	
VMP-11-29	10/26/2020	1105	-7.12	-4.46	0 0	0	0.2	20.6	0.7	0 0	0.0	0.0	
VMP-11-29	11/23/2020	1132	-6.99	-4.26	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-11-29-Dup	11/23/2020	1132	NM	NM	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-11-29	12/16/2020	1052	-5.23	-4.27	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-11-29-Dup	12/16/2020	1052	NM	NM	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	Duplicate sample.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-38	1/20/2020	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-11-38	2/19/2020	1218	0.00	0.00	0 0	0	0.5	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-11-38	3/11/2020	1012	0.00	0.00	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-38-Dup	3/11/2020	1012	NM	NM	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-11-38	4/22/2020	0831	0.00	0.00	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	
VMP-11-38	5/20/2020	1018	-0.36	0.00	0 0	0	1.2	19.5	0.2	0 0	0.0	0.0	
VMP-11-38-Dup	5/20/2020	1018	NM	NM	0 0	0	1.2	19.4	0.2	0 0	0.0	0.0	Duplicate sample.
VMP-11-38	6/18/2020	0828	0.00	0.00	0 0	0	1.5	19.9	0.0	0 0	0.0	0.0	
VMP-11-38	7/20/2020	1103	0.00	0.00	0 0	0	3.7	15.3	2.1	1 9	0.0	1.9	
VMP-11-38	8/20/2020	1028	0.00	-1.46	0 0	0	5.8	15.4	0.9	0 5	0.0	0.5	
VMP-11-38-Dup	8/20/2020	1028	NM	NM	0 0	0	5.5	15.6	0.9	0.7	0.0	0.7	Duplicate sample.
VMP-11-38	9/16/2020	1111	0.13	-1.48	0 0	0	3.6	17.8	1.4	1.1	0.5	0.6	
VMP-11-38-Dup	9/16/2020	1111	NM	NM	0 0	0	3.8	17.6	1.4	1.4	0.5	0.9	Duplicate sample.
VMP-11-38	10/26/2020	1106	-0.15	0.00	0 0	0	0.0	20.8	0.4	0 5	0.0	0.5	
VMP-11-38	11/23/2020	1133	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-38	12/16/2020	1053	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-5	1/20/2020	0920	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	2/19/2020	1015	0.00	0.11	0 0	0	0.0	14.6	0.1	1.7	1.7	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	2/20/2020	1430	0.09	NM	0 0	0	0.0	15.9	0.0	0.4	0.4	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-5	3/11/2020	1000	0.14	0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-5	4/20/2020	0900	-0.94	-0.84	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-12-5	5/20/2020	0825	-1.08	-1.29	0 0	0	0.1	20.4	0.0	0 0	0.0	0.0	
VMP-12-5	6/17/2020	0820	-0.16	-1.00	0 0	0	0.1	20.9	0.0	0 0	0.0	0.0	
VMP-12-5	7/20/2020	0947	0.00	0.00	0 0	0	0.1	20.3	0.0	0 0	0.0	0.0	
VMP-12-5	8/19/2020	0902	-0.15	0.00	0 0	0	1.4	19.4	0.0	0 0	0.0	0.0	
VMP-12-5	9/16/2020	0850	0.00	0.00	0 0	0	1.8	13.1	0.0	0 0	0.0	0.0	
VMP-12-5-Dup	9/16/2020	0850	NM	NM	0 0	0	1.8	13.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-12-5	10/26/2020	0840	-0.99	-1.39	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-12-5	11/23/2020	0855	-1.18	-2.04	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-12-5	12/16/2020	0918	-0.94	-0.87	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	1/20/2020	0921	-0.09	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11.5	2/19/2020	1016	-0.12	0.11	0 0	0	4.6	9.8	0.1	4 0	4.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11.5	2/20/2020	1431	0.00	NM	0 0	0	4.1	10.7	0.1	3 0	3.0	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-11.5	3/11/2020	1001	0.15	0.15	0 0	0	0.8	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-11.5	4/20/2020	0901	-0.97	-0.87	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-12-11.5	5/20/2020	0826	-1.43	-1.34	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-12-11.5	6/17/2020	0821	-0.16	-1.16	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-12-11.5	7/20/2020	0948	0.00	0.00	0 0	0	0.8	18.7	0.0	0 0	0.0	0.0	
VMP-12-11.5	8/19/2020	0903	-0.14	0.00	0 0	0	3.3	11.3	0.0	0 0	0.0	0.0	
VMP-12-11.5	9/16/2020	0851	0.00	0.00	0 0	0	7.6	3.5	0.0	11.0	11.0	0.0	
VMP-12-11.5	10/26/2020	0841	-1.09	-1.28	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-12-11.5	11/23/2020	0856	-1.23	-2.24	0 0	0	0.7	19.0	0.0	0 0	0.0	0.0	
VMP-12-11.5	12/16/2020	0920	-0.16	-1.03	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-12-25	1/20/2020	0822	-0.22	0.00	0 0	0	5.1	11.8	0.1	2 8	2.8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	2/19/2020	1017	-0.12	0.11	7.4	OVR	12.4	1.5	305	20860	15020	5840	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	2/20/2020	1432	0.00	NM	7 8	OVR	12.7	1.3	329	18980	14070	4910	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-25	3/11/2020	1002	0.17	0.16	0 0	0	6.4	10.6	0.3	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-12-25	4/20/2020	0902	-1.25	-1.16	0 0	0	1.2	19.4	0.0	0 0	0.0	0.0	
VMP-12-25	5/20/2020	0827	-1.74	-1.64	0 0	0	1.0	19.8	0.0	0 0	0.0	0.0	
VMP-12-25	6/17/2020	0822	-0.21	-1.71	0 0	0	1.1	19.5	0.0	0 0	0.0	0.0	
VMP-12-25	7/20/2020	0949	0.00	0.00	0 0	0	8.1	5.5	0.0	0 0	0.0	0.0	
VMP-12-25	8/19/2020	0904	-0.16	0.00	10.0	OVR	11 2	2.2	281	27780	22810	4970	
VMP-12-25	9/16/2020	0852	0.00	0.00	13.3	OVR	11.4	1.2	248	47140	39080	8060	
VMP-12-25	10/26/2020	0842	-1.42	-1.56	0.1	2	6.0	11.0	5.1	93.0	11.0	82 0	
VMP-12-25	11/23/2020	0857	-1.43	-2.67	2 0	40	11 8	2.3	89.3	8180	5860	2320	Re-sampled to confirm initial sample.
VMP-12-25	11/24/2020	1105	-0.96	NM	16.0	OVR	12.7	1.2	214	39690	30460	9230	Re-sample.
VMP-12-25	12/16/2020	0922	-1.28	-1.25	5 3	OVR	13 0	0.9	72.9	27640	23470	4170	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-39	1/20/2020	0923	0.00	0.00	OVR	OVR	9.9	0.2	161	1000000	1000000	0.0	FID measurement range exceeded with 10:1 dilution probe. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-12-39	2/19/2020	1018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	3/11/2020	1003	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	4/20/2020	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	5/20/2020	0743	-1.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	6/17/2020	0823	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	7/20/2020	0950	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	8/19/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	9/16/2020	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	10/26/2020	0844	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	11/23/2020	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	12/16/2020	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-5	1/20/2020	0840	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-5	2/19/2020	0926	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-5	3/11/2020	0824	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-5	4/22/2020	0911	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-13-5	5/20/2020	0755	-0.10	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	
VMP-13-5	6/17/2020	0925	0.00	0.00	0 0	0	0.6	19.8	0.0	0 0	0.0	0.0	
VMP-13-5	7/20/2020	0833	0.00	0.00	0 0	0	0.9	19.3	0.0	0 0	0.0	0.0	
VMP-13-5	8/20/2020	1200	0.00	0.00	0 0	0	1.1	17.3	0.0	0 0	0.0	0.0	
VMP-13-5	9/16/2020	0835	0.00	0.00	0 0	0	1.6	17.4	0.0	0 0	0.0	0.0	
VMP-13-5	10/26/2020	0833	-0.11	-0.09	0 0	0	0.1	20.9	0.0	0 0	0.0	0.0	
VMP-13-5	11/23/2020	0930	-0.09	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-13-5	12/16/2020	0848	-0.12	-0.12	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-13-10.5	1/20/2020	0841	-0.14	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-10.5	2/19/2020	0927	0.00	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-10.5	3/11/2020	0825	-0.09	0.00	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-10.5	4/22/2020	0912	0.00	-0.14	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-13-10.5	5/20/2020	0759	-0.32	-0.26	0 0	0	0.1	20.4	0.0	0 0	0.0	0.0	
VMP-13-10.5	6/17/2020	0927	0.00	-0.24	0 0	0	0.2	20.3	0.0	0 0	0.0	0.0	
VMP-13-10.5	7/20/2020	0834	0.00	0.00	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	
VMP-13-10.5	8/20/2020	1201	0.00	0.00	0 0	0	0.5	19.1	0.0	0 0	0.0	0.0	
VMP-13-10.5	9/16/2020	0836	0.00	0.00	0 0	0	0.6	18.8	0.0	0 0	0.0	0.0	
VMP-13-10.5	10/26/2020	0834	-0.77	-0.72	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-13-10.5	11/23/2020	0931	-0.62	-0.56	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-13-10.5	12/16/2020	0849	-0.28	0.64	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-21.5	1/20/2020	0842	-0.12	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21.5-Dup	1/20/2020	0842	NM	NM	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21.5	2/19/2020	0928	0.33	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-21.5	3/11/2020	0826	-0.10	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-21.5	4/22/2020	0913	0.00	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-13-21.5	5/20/2020	0757	-0.39	-0.31	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	
VMP-13-21.5	6/17/2020	0929	-0.27	-0.29	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	
VMP-13-21.5-Dup	6/17/2020	0929	NM	NM	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-13-21.5	7/20/2020	0835	0.00	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	
VMP-13-21.5-Dup	7/20/2020	0835	NM	NM	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-13-21.5	8/20/2020	1202	0.00	0.00	0 0	0	0.2	19.5	0.1	0 8	0.8	0.0	
VMP-13-21.5	9/16/2020	0837	0.00	0.00	0 0	0	0.4	19.2	0.0	0 0	0.0	0.0	
VMP-13-21.5	10/26/2020	0835	-0.83	-0.93	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-13-21.5	11/23/2020	0932	-0.81	-0.12	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-13-21.5	12/16/2020	0850	-0.69	-0.83	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-13-29.5	1/20/2020	0843	-0.09	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-29.5	2/19/2020	0929	-0.12	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-13-29.5	3/11/2020	0827	-0.26	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-13-29.5	4/22/2020	0914	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-13-29.5	5/20/2020	0758	-0.15	-0.11	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-13-29.5-Dup	5/20/2020	0758	NM	NM	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-13-29.5	6/17/2020	0931	0.00	0.00	0 0	0	0.2	20.2	0.0	0 0	0.0	0.0	
VMP-13-29.5	7/20/2020	0836	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	8/20/2020	1203	0.00	0.00	0 0	0	0.7	18.4	0.0	0 0	0.0	0.0	
VMP-13-29.5	9/16/2020	0838	0.00	0.00	0 0	0	0.9	18.2	0.0	0 0	0.0	0.0	
VMP-13-29.5	10/26/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-13-29.5	11/23/2020	0933	-0.20	-0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-13-29.5	12/16/2020	0851	-0.22	-0.22	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-14-5	1/20/2020	0830	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-5	2/19/2020	0915	0.00	0.00	0 0	0	0.3	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-5	3/11/2020	0810	-0.21	-0.24	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-5	4/22/2020	0902	0.00	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-14-5	5/20/2020	0740	0.00	0.00	0 0	0	1.6	19.5	0.1	0 0	0.0	0.0	
VMP-14-5	6/17/2020	0906	0.00	0.00	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	
VMP-14-5	7/20/2020	0819	-0.14	0.00	0 0	0	2.2	16.7	0.8	0 0	0.0	0.0	
VMP-14-5	8/20/2020	1145	-0.20	0.00	0 0	0	2.3	17.2	0.1	0 0	0.0	0.0	
VMP-14-5	9/16/2020	0825	0.00	0.00	0 0	0	2.5	18.0	0.0	0 0	0.0	0.0	
VMP-14-5	10/26/2020	0815	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-14-5	11/23/2020	0943	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-14-5	12/16/2020	0838	0.00	0.00	0 0	0	0.1	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-11.5	1/20/2020	0831	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-11.5	2/19/2020	0916	-0.20	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-11.5	3/11/2020	0811	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-11.5	4/22/2020	0903	0.00	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-14-11.5	5/20/2020	0741	0.00	0.00	0 0	0	1.5	19.7	0.2	0 0	0.0	0.0	
VMP-14-11.5	6/17/2020	0908	-0.09	-0.21	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-14-11.5	7/20/2020	0820	-0.19	0.00	0 0	0	1.7	17.9	0.5	0 0	0.0	0.0	
VMP-14-11.5	8/20/2020	1146	0.00	0.00	0 0	0	1.6	18.7	0.3	0 0	0.0	0.0	
VMP-14-11.5	9/16/2020	0826	0.00	0.00	0 0	0	1.6	19.5	0.0	0 0	0.0	0.0	
VMP-14-11.5	10/26/2020	0816	0.00	0.00	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	
VMP-14-11.5	11/23/2020	0944	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-14-11.5	12/16/2020	0839	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-14-20	1/20/2020	0832	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-14-20	2/19/2020	0917	-0.44	0.00	0 0	0	11 5	3.6	0.4	11.0	11.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-14-20	3/11/2020	0812	-0.36	0.09	0 0	0	7.4	11.3	1.4	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-14-20	4/22/2020	0904	-0.40	-0.26	0 0	0	6.4	12.9	2.5	2 8	0.7	2.1	
VMP-14-20	5/20/2020	0742	-1.44	-0.40	0 0	0	6.1	13.0	1.8	2 0	0.0	2.0	
VMP-14-20	6/17/2020	0910	-0.62	-0.59	0 0	0	4.2	15.0	1.8	2 3	0.0	2.3	
VMP-14-20	7/20/2020	0821	-0.98	0.00	0 0	0	8.0	9.7	1.3	2 0	0.0	2.0	
VMP-14-20	8/20/2020	1147	-0.91	0.10	0 0	0	11 8	2.0	1.6	13.0	11.0	2.0	
VMP-14-20	9/16/2020	0827	-0.44	0.00	0.1	3	13 6	0.7	1.1	1550	1470	80 0	Re-sampled to confirm initial sample.
VMP-14-20	9/17/2020	0914	-0.20	NM	0.1	3	14.1	0.5	1.2	1760	1660	100.0	Re-sample.
VMP-14-20	10/26/2020	0817	-0.52	-0.48	0 0	0	6.2	12.8	0.2	0 0	0.0	0.0	Duplicate sample.
VMP-14-20-Dup	10/26/2020	0817	NM	NM	0 0	0	6.3	12.7	0.2	0 0	0.0	0.0	
VMP-14-20	11/23/2020	0945	-0.91	-0.61	0 0	0	7.0	12.2	0.2	0 0	0.0	0.0	
VMP-14-20	12/16/2020	0840	-11.75	-0.94	0 0	0	6.9	12.3	0.1	0 0	0.0	0.0	
VMP-14-29	1/20/2020	0833	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	2/19/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	3/11/2020	0816	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	4/22/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	5/20/2020	0743	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	6/17/2020	0912	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	7/20/2020	0822	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/20/2020	1148	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/16/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	10/26/2020	0818	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	11/23/2020	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	12/16/2020	0941	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-17-5	1/20/2020	1025	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-17-5	2/19/2020	1210	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-17-5	3/11/2020	1005	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-17-5	4/22/2020	0824	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-17-5	5/20/2020	1010	-0.12	0.00	0 0	0	0.8	20.1	0.0	0 0	0.0	0.0	
VMP-17-5	6/18/2020	0815	-0.14	0.00	0 0	0	0.9	20.3	0.0	0 0	0.0	0.0	
VMP-17-5	7/20/2020	1052	0.00	0.00	0 0	0	1.6	19.0	0.0	0 0	0.0	0.0	
VMP-17-5	8/20/2020	1020	0.00	0.00	0 0	0	2.6	17.9	0.0	0 0	0.0	0.0	
VMP-17-5	9/16/2020	1100	0.00	0.00	0 0	0	2.2	18.6	0.0	0 0	0.0	0.0	
VMP-17-5	10/26/2020	1053	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-17-5-Dup	10/26/2020	1053	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-17-5	11/23/2020	1125	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-17-5	12/16/2020	1046	-0.18	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-18-8 5	1/20/2020	1015	0.00	0.00	0 0	0	1.6	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8.5-Dup	1/20/2020	1015	NM	NM	0 0	0	1.6	19.9	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8 5	2/19/2020	1157	0.00	0.00	0 0	0	1.8	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-18-8 5	3/11/2020	0957	0.00	0.00	0 0	0	1.8	19.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-18-8 5	4/22/2020	0816	0.00	0.00	0 0	0	1.7	18.9	0.0	0 0	0.0	0.0	
VMP-18-8 5	5/20/2020	1000	0.00	0.00	0 0	0	2.7	17.3	0.0	0 0	0.0	0.0	
VMP-18-8 5	6/18/2020	0832	0.00	0.00	0 0	0	3.3	17.3	0.0	0 0	0.0	0.0	
VMP-18-8 5	7/20/2020	1047	0.00	0.00	0 0	0	4.1	15.7	1.3	5 5	0.0	5.5	Re-sampled to confirm initial sample.
VMP-18-8 5	7/21/2020	0800	0.00	NM	0 0	0	4.4	15.9	1.5	4 6	0.0	4.6	Re-sample.
VMP-18-8 5	8/20/2020	1015	0.00	0.00	0 0	0	4.1	14.8	0.1	0 0	0.0	0.0	
VMP-18-8 5	9/16/2020	1045	0.00	0.00	0 0	0	4.8	14.4	0.0	0 0	0.0	0.0	
VMP-18-8 5	10/26/2020	1147	-0.21	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	
VMP-18-8 5	11/23/2020	1045	-0.31	-0.23	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	
VMP-18-8.5-Dup	11/23/2020	1045	NM	NM	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-18-8 5	12/16/2020	1036	-0.36	-0.29	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-19-5	1/20/2020	1020	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-19-5	2/20/2020	0810	-0.18	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-19-5	3/11/2020	1002	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-19-5	4/22/2020	0810	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-19-5	5/20/2020	1005	-0.11	-0.10	0 0	0	0.5	20.3	0.0	0 0	0.0	0.0	
VMP-19-5	6/18/2020	0832	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-19-5	7/20/2020	1115	0.00	0.00	0 0	0	1.2	19.3	0.1	0 0	0.0	0.0	
VMP-19-5	8/20/2020	1010	0.00	0.00	0 0	0	1.8	18.2	0.0	0 0	0.0	0.0	
VMP-19-5	9/16/2020	1050	0.00	0.00	0 0	0	2.2	18.0	0.0	0 0	0.0	0.0	
VMP-19-5	10/26/2020	1156	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-19-5	11/23/2020	1058	-0.24	-0.22	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-19-5	12/16/2020	1040	-0.27	-0.25	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-29-10	1/20/2020	0905	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-10	2/19/2020	0955	0.00	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-10	3/11/2020	0850	-0.38	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-10	4/22/2020	0942	0.00	0.00	0 0	0	0.2	20.6	0.1	0 0	0.0	0.0	
VMP-29-10	5/20/2020	0825	-0.25	0.00	0 0	0	0.3	20.7	0.1	0 0	0.0	0.0	
VMP-29-10	6/17/2020	1003	0.00	-0.10	0 0	0	0.7	19.9	0.4	0 0	0.0	0.0	
VMP-29-10	7/20/2020	0925	-0.12	-0.14	0 0	0	1.0	19.9	0.2	0 0	0.0	0.0	
VMP-29-10	8/20/2020	1218	0.00	-0.68	0 0	0	1.1	19.0	0.0	0 0	0.0	0.0	
VMP-29-10	9/16/2020	0914	-0.57	0.09	0 0	0	1.4	18.7	0.0	0 0	0.0	0.0	
VMP-29-10	10/26/2020	0905	-0.68	-0.18	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-29-10	11/23/2020	0859	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-29-10	12/16/2020	0923	-0.33	-0.16	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-29-18	1/20/2020	0906	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-18	2/19/2020	0956	0.00	0.00	0 0	0	0.5	20.3	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-18	3/11/2020	0851	0.00	0.00	0 0	0	0.5	20.5	0.3	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-18	4/22/2020	0943	0.00	0.00	0 0	0	0.3	20.4	1.5	1 0	0.0	1.0	
VMP-29-18	5/20/2020	0826	-0.29	-0.12	0 0	0	0.4	20.3	0.7	0 3	0.0	0.3	
VMP-29-18	6/17/2020	1006	0.00	-0.09	0 0	0	1.1	20.6	0.3	0 5	0.0	0.5	
VMP-29-18	7/20/2020	0926	0.00	0.00	0 0	0	1.1	19.7	1.3	1 9	0.0	1.9	
VMP-29-18	8/20/2020	1219	0.00	-0.19	0 0	0	1.2	19.0	3.3	5 6	0.0	5.6	
VMP-29-18	9/16/2020	0920	0.00	0.00	0 0	0	1.5	18.5	0.9	0 0	0.0	0.0	
VMP-29-18	10/26/2020	0906	-0.13	-0.21	0 0	0	0.4	20.6	1.6	0 9	0.0	0.9	
VMP-29-18	11/23/2020	0903	-0.15	0.00	0 0	0	0.2	20.6	0.2	0 0	0.0	0.0	
VMP-29-18	12/16/2020	0930	-0.20	-0.17	0 0	0	0.2	20.7	0.1	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-26	1/20/2020	0907	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-29-26	2/19/2020	0957	0.00	0.00	0 0	0	1.3	19.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-29-26	3/11/2020	0852	0.00	0.00	0 0	0	1.2	19.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-29-26	4/22/2020	0944	0.00	0.00	0 0	0	0.8	20.0	0.3	0 0	0.0	0.0	
VMP-29-26	5/20/2020	0827	-0.21	-0.11	0 0	0	0.7	20.1	0.0	0 0	0.0	0.0	
VMP-29-26	6/17/2020	1010	0.00	-0.09	0 0	0	0.8	19.5	0.5	0 5	0.0	0.5	
VMP-29-26	7/20/2020	0927	0.00	0.00	0 0	0	1.3	19.4	0.3	1.1	0.2	0.9	
VMP-29-26	8/20/2020	1220	0.00	0.00	0 0	0	1.5	18.5	0.2	0 0	0.0	0.0	
VMP-29-26	9/16/2020	0928	0.00	0.00	0 0	0	1.7	18.1	0.0	0 0	0.0	0.0	
VMP-29-26	10/26/2020	0907	-0.12	-0.22	0 0	0	1.2	19.7	0.2	14.4	13.4	1.0	
VMP-29-26	11/23/2020	0907	-0.14	-0.10	0 0	0	1.0	19.8	0.1	0 0	0.0	0.0	
VMP-29-26	12/16/2020	0939	-0.20	-0.18	0 0	0	1.0	19.6	0.0	0 0	0.0	0.0	
VMP-29-40	1/20/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/19/2020	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/11/2020	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/22/2020	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2020	0828	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/17/2020	1012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/20/2020	0928	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/20/2020	1221	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/16/2020	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/26/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/23/2020	0908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/16/2020	0940	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-10	1/20/2020	0857	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10	2/19/2020	0940	0.00	0.00	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10-Dup	2/19/2020	0940	NM	NM	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	Duplicate sample. SVE system was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-10	3/11/2020	0835	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-10	4/22/2020	0933	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-30-10	5/20/2020	0810	-0.14	-0.11	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-30-10	6/17/2020	0944	0.00	-0.09	0 0	0	0.0	20.9	0.9	1 6	0.0	1.6	
VMP-30-10	7/20/2020	0901	0.00	0.00	0 0	0	0.1	20.7	0.8	0 3	0.0	0.3	
VMP-30-10	8/20/2020	1215	0.00	0.00	0 0	0	0.2	19.2	0.3	0 0	0.0	0.0	
VMP-30-10	9/16/2020	0854	0.00	0.00	0 0	0	0.4	19.1	0.0	0 0	0.0	0.0	
VMP-30-10	10/26/2020	0846	-0.24	-0.23	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-30-10	11/23/2020	0814	-0.18	-0.15	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-30-10	12/16/2020	0904	-0.23	-0.23	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-18	1/20/2020	0857	-0.11	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-18	2/19/2020	0941	0.00	0.00	0 0	0	0.3	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-30-18	3/11/2020	0836	-0.09	0.00	0 0	0	0.2	20.7	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-18	4/22/2020	0934	0.00	0.00	0 0	0	0.1	20.8	0.2	0 0	0.0	0.0	
VMP-30-18	5/20/2020	0811	-0.23	-0.20	0 0	0	0.1	20.8	0.3	0 0	0.0	0.0	
VMP-30-18	6/17/2020	0946	0.00	-0.17	0 0	0	0.1	20.5	1.8	2 9	0.0	2.9	
VMP-30-18	7/20/2020	0902	0.00	0.00	0 0	0	0.1	20.7	0.6	1 2	0.0	1.2	
VMP-30-18	8/20/2020	1216	0.00	0.00	0 0	0	0.2	19.4	0.0	0 0	0.0	0.0	
VMP-30-18	9/16/2020	0900	0.00	0.00	0 0	0	0.3	18.9	0.3	0 0	0.0	0.0	
VMP-30-18	10/26/2020	0847	-0.48	-0.45	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-30-18	11/23/2020	0914	-0.18	-0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-30-18	12/16/2020	0907	-0.48	-0.45	0 0	0	0.1	20.9	0.0	0 0	0.0	0.0	
VMP-30-26	1/20/2020	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-30-26	2/19/2020	0942	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-30-26	3/11/2020	0837	-0.09	0.00	0 0	0	0.4	20.4	0.2	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-30-26	4/22/2020	0935	0.00	-0.12	0 0	0	0.3	20.6	0.4	1 8	1.0	0.8	
VMP-30-26	5/20/2020	0812	-0.23	-0.20	0 0	0	0.1	20.8	0.1	1.1	0.8	0.3	
VMP-30-26	6/17/2020	0948	0.00	-0.18	0 0	0	0.2	20.4	4.6	21.7	14.5	7.2	
VMP-30-26	7/20/2020	0903	0.00	0.00	0 0	0	0.2	20.4	1.1	6 3	5.3	1.0	
VMP-30-26	8/20/2020	1217	0.00	0.00	0 0	0	0.3	19.4	0.2	1 6	1.6	0.0	
VMP-30-26-Dup	8/20/2020	1217	NM	NM	0 0	0	0.3	19.3	0.2	1 6	1.6	0.0	Duplicate sample.
VMP-30-26	9/16/2020	0908	0.00	0.00	0 0	0	0.4	18.8	0.3	0 5	0.5	0.0	
VMP-30-26	10/26/2020	0848	-0.52	-0.52	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-30-26	11/23/2020	0922	-0.40	-0.37	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-30-26	12/16/2020	0915	-0.50	-0.46	0 0	0	0.1	20.9	0.1	0 0	0.0	0.0	
VMP-30-40	1/20/2020	0859	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/19/2020	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/11/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/22/2020	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/20/2020	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/17/2020	0950	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/20/2020	0904	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/20/2020	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/16/2020	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/26/2020	0850	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/23/2020	0923	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/16/2020	0920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-5	1/21/2020	1055	0.00	0.00	0 0	0	1.2	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-5	2/20/2020	1320	0.00	0.00	0 0	0	1.4	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-5	3/12/2020	939	0.00	0.00	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-5	4/21/2020	1018	-0.24	-0.03	0 0	0	0.9	20.0	0.2	0 0	0.0	0.0	
VMP-32-5	5/21/2020	0915	-0.22	-0.12	0 0	0	1.2	19.9	0.0	0 0	0.0	0.0	
VMP-32-5	6/18/2020	1050	-0.44	-0.10	0 0	0	2.1	19.2	0.3	0 0	0.0	0.0	
VMP-32-5	7/21/2020	0930	-0.90	-0.19	0 0	0	2.5	18.1	0.0	0 0	0.0	0.0	
VMP-32-5	7/31/2020	0826	-0.31	NM	0 0	0	2.1	19.6	0.3	0 0	0.0	0.0	
VMP-32-5	8/19/2020	1001	-0.11	-0.16	0 0	0	1.7	19.4	0.0	0 0	0.0	0.0	
VMP-32-5	9/17/2020	0824	-0.15	-0.18	0 0	0	1.7	19.6	0.0	0 0	0.0	0.0	
VMP-32-5	9/29/2020	1210	0.03	NM	0 0	0	2.4	19.8	0.0	0 0	0.0	0.0	
VMP-32-5	10/6/2020	1404	0.00	NM	0 0	0	2.9	18.6	0.0	0 0	0.0	0.0	
VMP-32-5	10/13/2020	1453	-0.18	NM	0 0	0	2.7	17.7	0.2	0 0	0.0	0.0	
VMP-32-5	10/20/2020	1254	0.00	NM	0 0	0	2.9	18.0	0.0	0 0	0.0	0.0	
VMP-32-5	10/27/2020	0825	0.02	-0.14	0 0	0	2.8	18.0	0.0	0 0	0.0	0.0	
VMP-32-5	11/24/2020	1000	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-32-5	12/17/2020	0950	-0.17	-0.17	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-32-10	1/21/2020	1056	0.00	0.00	0 0	0	1.3	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-10	2/20/2020	1321	0.00	0.00	0 0	0	1.4	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-10	3/12/2020	940	0.00	0.00	0 0	0	1.3	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-10	4/21/2020	1019	-0.16	-0.04	0 0	0	1.2	19.8	0.0	0 0	0.0	0.0	
VMP-32-10	5/21/2020	0916	-0.20	-0.17	0 0	0	1.3	19.7	0.1	0 0	0.0	0.0	
VMP-32-10	6/18/2020	1051	-0.13	-0.12	0 0	0	1.9	19.2	0.0	0 0	0.0	0.0	
VMP-32-10	7/21/2020	0931	-0.27	-0.29	0 0	0	2.4	18.2	0.0	0 0	0.0	0.0	
VMP-32-10	7/31/2020	0827	-0.42	NM	0 0	0	2.6	18.7	0.2	0 0	0.0	0.0	
VMP-32-10	8/19/2020	1002	-0.17	-0.20	0 0	0	0.1	19.0	0.0	0 0	0.0	0.0	
VMP-32-10	9/17/2020	0825	-0.20	-0.19	0 0	0	2.1	19.3	0.0	0 0	0.0	0.0	
VMP-32-10	9/29/2020	1212	0.03	NM	0 0	0	2.5	19.2	0.0	0 0	0.0	0.0	
VMP-32-10	10/6/2020	1406	0.00	NM	0 0	0	2.6	19.4	0.0	0 0	0.0	0.0	
VMP-32-10	10/13/2020	1457	0.00	NM	0 0	0	2.6	18.2	0.1	0 0	0.0	0.0	
VMP-32-10	10/20/2020	1252	0.00	NM	0 0	0	2.6	18.6	0.0	0 0	0.0	0.0	
VMP-32-10	10/27/2020	0826	-0.08	0.03	0 0	0	2.7	18.4	0.0	0 0	0.0	0.0	
VMP-32-10	11/24/2020	1001	-0.19	-0.12	0 0	0	1.7	19.8	0.0	0 0	0.0	0.0	
VMP-32-10	12/17/2020	0951	-0.25	-0.26	0 0	0	0.9	20.3	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	1/21/2020	1057	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-32-20	2/20/2020	1322	0.00	0.00	0 0	0	0.6	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-20	3/12/2020	941	0.00	0.00	0 0	0	1.5	18.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-20	4/21/2020	1020	-0.10	-0.02	0 0	0	0.0	20.9	0.2	1 8	0.0	1.8	
VMP-32-20	5/21/2020	0917	-0.10	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-32-20-Dup	5/21/2020	0918	NM	NM	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-32-20	6/18/2020	1052	0.00	0.00	0 0	0	0.2	20.7	0.4	0 0	0.0	0.0	
VMP-32-20	7/21/2020	0932	-0.21	-0.19	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	
VMP-32-20	7/31/2020	0828	-0.35	NM	0 0	0	0.7	20.6	0.2	0 0	0.0	0.0	
VMP-32-20	8/19/2020	1003	-0.12	-0.17	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	
VMP-32-20	9/17/2020	0826	-0.17	-0.14	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-32-20	9/29/2020	1214	0.01	NM	0 0	0	0.9	19.7	0.0	0 0	0.0	0.0	
VMP-32-20	10/6/2020	1408	0.00	NM	0 0	0	1.5	19.0	0.0	0 0	0.0	0.0	
VMP-32-20	10/13/2020	1459	0.00	NM	0 0	0	2.2	18.2	0.1	0 0	0.0	0.0	
VMP-32-20	10/20/2020	1250	0.00	NM	0 0	0	1.6	17.6	0.0	0 0	0.0	0.0	
VMP-32-20	10/27/2020	0827	0.00	0.00	0 0	0	1.4	18.0	0.0	0 0	0.0	0.0	
VMP-32-20	11/24/2020	1002	-0.11	-0.10	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-32-20	12/17/2020	0952	0.00	-0.14	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-32-30	1/21/2020	1058	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-32-30	2/20/2020	1323	0.00	0.00	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-32-30	3/12/2020	942	0.00	0.00	0 0	0	0.9	19.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-32-30	4/21/2020	1021	0.00	0.00	0 0	0	0.3	20.6	0.2	0 0	0.0	0.0	
VMP-32-30	5/21/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	6/18/2020	1053	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	7/21/2020	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-30	7/31/2020	0831	-0.35	NM	0 0	0	2.3	19.0	0.1	0 0	0.0	0.0	
VMP-32-30	8/19/2020	1004	-0.10	-0.13	0 0	0	1.6	19.4	0.0	0 0	0.0	0.0	
VMP-32-30	9/17/2020	0827	-0.13	-0.11	0 0	0	1.7	19.9	0.0	0 0	0.0	0.0	
VMP-32-30-Dup	9/17/2020	0827	NM	NM	0 0	0	1.7	19.6	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-32-30	9/29/2020	1216	-0.18	NM	0 0	0	1.9	19.7	0.0	0 0	0.0	0.0	
VMP-32-30	10/6/2020	1410	0.00	NM	0 0	0	2.3	18.5	0.0	0 0	0.0	0.0	
VMP-32-30	10/13/2020	1502	0.00	NM	0 0	0	2.4	17.4	0.1	0 0	0.0	0.0	
VMP-32-30	10/20/2020	1248	0.00	NM	0 0	0	2.4	18.0	0.0	0 0	0.0	0.0	
VMP-32-30	10/27/2020	0828	0.00	0.80	0 0	0	2.2	18.4	0.0	0 0	0.0	0.0	
VMP-32-30	11/24/2020	1003	0.00	0.00	0 0	0	1.9	19.5	0.0	0 0	0.0	0.0	
VMP-32-30	12/17/2020	0953	-0.16	-0.14	0 0	0	0.8	20.4	0.2	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-10	1/20/2020	1210	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-10	2/19/2020	1244	0.00	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-10	3/11/2020	924	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-10	4/20/2020	1050	0.00	-0.10	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-33-10	5/20/2020	1003	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-33-10	6/17/2020	1015	0.00	0.00	0 0	0	0.2	20.2	0.0	0 0	0.0	0.0	
VMP-33-10	7/20/2020	0843	0.00	0.00	0 0	0	0.7	19.8	0.0	0 0	0.0	0.0	
VMP-33-10	8/19/2020	1106	0.00	0.00	0 0	0	1.5	17.2	0.0	0 0	0.0	0.0	
VMP-33-10-Dup	8/19/2020	1106	NM	NM	0 0	0	1.4	17.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-33-10	9/16/2020	1030	0.00	0.00	0 0	0	1.8	15.9	0.0	0 0	0.0	0.0	
VMP-33-10	10/26/2020	1145	0.00	0.28	0 0	0	2.0	15.4	0.0	0 0	0.0	0.0	
VMP-33-10	11/23/2020	1140	-0.02	0.00	0 0	0	1.8	16.4	0.0	0 0	0.0	0.0	
VMP-33-10	12/16/2020	1134	0.00	0.00	0 0	0	1.1	19.9	0.0	0 0	0.0	0.0	
VMP-33-20	1/20/2020	1211	0.00	0.00	0 0	0	1.0	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-20	2/19/2020	1245	-0.10	0.00	0 0	0	0.2	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-20	3/11/2020	0925	0.00	0.00	0 0	0	0.9	20.0	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-20	4/20/2020	1051	-1.60	-0.13	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-33-20	5/20/2020	1004	-0.13	-0.14	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-33-20	6/17/2020	1016	0.00	0.00	0 0	0	0.4	20.2	0.0	0 0	0.0	0.0	
VMP-33-20	7/20/2020	0844	0.00	0.00	0 0	0	0.7	20.1	0.0	0 0	0.0	0.0	
VMP-33-20	8/19/2020	1107	0.00	0.00	0 0	0	1.3	18.6	0.0	0 0	0.0	0.0	
VMP-33-20	9/16/2020	1031	0.00	0.00	0 0	0	1.8	16.7	0.0	0 0	0.0	0.0	
VMP-33-20	10/26/2020	1146	0.00	0.43	0 0	0	2.0	15.9	0.1	0 0	0.0	0.0	
VMP-33-20	11/23/2020	1141	0.00	0.00	0 0	0	1.8	16.5	0.0	0 0	0.0	0.0	
VMP-33-20	12/16/2020	1136	-0.07	0.00	0 0	0	1.2	19.1	0.0	0 0	0.0	0.0	
VMP-33-30	1/20/2020	1212	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30-Dup	1/20/2020	1212	NM	NM	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30	2/19/2020	1246	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-33-30	3/11/2020	0925	0.00	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-33-30	4/20/2020	1052	-1.10	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-33-30	5/20/2020	1005	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-33-30	6/17/2020	1017	0.00	0.00	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	
VMP-33-30	7/20/2020	0845	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-33-30	8/19/2020	1108	0.00	0.00	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	
VMP-33-30	9/16/2020	1032	0.00	0.00	0 0	0	1.5	17.9	0.0	0 0	0.0	0.0	
VMP-33-30	10/26/2020	1147	0.00	0.00	0 0	0	2.1	15.7	0.1	0 0	0.0	0.0	
VMP-33-30	11/23/2020	1142	0.00	0.00	0 0	0	1.5	17.1	0.0	0 0	0.0	0.0	
VMP-33-30	12/16/2020	1138	0.00	0.00	0 0	0	0.5	20.3	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-10	1/20/2020	1150	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-10	2/19/2020	1215	0.20	0.22	0 0	0	0.9	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-10	3/11/2020	1135	0.15	0.21	0 0	0	0.7	20.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-10	4/20/2020	1030	-0.50	-0.53	0 0	0	0.2	20.7	0.1	0 0	0.0	0.0	
VMP-34-10	5/20/2020	0937	-0.84	-0.84	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-34-10	6/17/2020	0955	0.00	0.00	0 0	0	0.7	20.0	0.0	0 0	0.0	0.0	
VMP-34-10	7/20/2020	0853	-1.38	-1.91	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-34-10	8/19/2020	1055	-0.23	-0.18	0 0	0	0.8	19.9	0.0	0 0	0.0	0.0	
VMP-34-10	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-10	10/26/2020	1113	-0.12	0.03	0 0	0	2.9	16.8	0.0	0 0	0.0	0.0	
VMP-34-10	11/23/2020	1105	-0.46	-0.38	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	
VMP-34-10	12/16/2020	1110	-0.32	-0.22	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-34-20	1/20/2020	1151	0.00	0.00	0 0	0	2.2	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-20	2/19/2020	1216	0.20	0.28	0 0	0	2.5	18.6	0.0	1 2	1.2	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-20	3/11/2020	1136	0.00	0.00	0 0	0	1.5	19.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-20	4/20/2020	1031	-1.30	-0.28	0 0	0	1.6	20.1	0.0	0 0	0.0	0.0	
VMP-34-20	5/20/2020	0938	-1.18	-1.18	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-34-20	6/17/2020	0956	-0.36	0.00	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	
VMP-34-20	7/20/2020	0854	-0.45	-0.79	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-34-20	8/19/2020	1056	0.00	0.00	0 0	0	1.6	19.2	0.0	0 0	0.0	0.0	
VMP-34-20	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-20	10/26/2020	1114	-0.36	0.35	0 0	0	3.2	16.1	0.1	0.7	0.7	0.0	
VMP-34-20	11/23/2020	1106	-0.93	-0.62	0 0	0	2.9	18.9	0.0	0 0	0.0	0.0	
VMP-34-20	12/16/2020	1112	-0.64	-0.44	0 0	0	1.8	19.9	0.0	0 0	0.0	0.0	
VMP-34-30	1/20/2020	1152	0.00	0.00	0 0	0	3.0	19.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-30	2/19/2020	1217	0.19	0.33	0 0	0	3.3	17.7	0.0	1 6	1.6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-34-30	3/11/2020	1137	0.30	0.22	0 0	0	3.6	17.4	0.0	4 5	4.5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-34-30	4/20/2020	1032	-1.20	-1.06	0 0	0	3.0	19.2	0.1	0 0	0.0	0.0	
VMP-34-30	5/20/2020	0939	-1.03	-1.28	0 0	0	2.7	19.4	0.0	0 0	0.0	0.0	
VMP-34-30	6/17/2020	0957	-0.24	-0.15	0 0	0	2.5	19.5	0.0	0 0	0.0	0.0	
VMP-34-30	7/20/2020	0855	-2.41	-2.45	0 0	0	2.9	18.1	0.5	7 9	7.9	0.0	
VMP-34-30-Dup	7/20/2020	0855	NM	NM	0 0	0	3.0	18.0	0.5	8 3	8.3	0.0	Duplicate sample.
VMP-34-30	8/19/2020	1057	-0.43	-0.28	0 0	0	3.2	17.6	0.2	4 9	4.9	0.0	
VMP-34-30	9/17/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-34-30	10/26/2020	1115	-0.42	0.00	0 0	0	3.9	15.2	0.9	3 3	3.3	0.0	
VMP-34-30	11/23/2020	1107	-0.58	-0.70	0 0	0	4.1	16.1	0.0	13.9	13.9	0.0	
VMP-34-30	12/16/2020	1114	-0.76	-0.53	0 0	0	4.1	16.7	0.0	0.7	0.7	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-10	1/20/2020	1115	0.00	0.00	0 0	0	0.0	20.9	6.8	20.4	0.0	20.4	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	1/20/2020	1450	0.00	NM	0 0	0	0.2	17.7	4.2	10.8	0.0	10 8	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	2/19/2020	1200	0.10	0.18	0 0	0	0.1	20.8	13.9	35.3	0.0	35 3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-10	3/11/2020	1124	0.14	0.10	0 6	12	3.1	14.4	116	1037	367	670	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10-Dup	3/11/2020	1124	NM	NM	0.7	14	3.1	14.2	116	1271	458	813	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10	3/12/2020	1047	0.13	NM	7.1	OVR	5.0	12.9	606	8449	2405	6044	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-10	4/20/2020	1001	-1.79	-1.72	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	5/20/2020	0915	-2.27	-2.10	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	6/17/2020	0925	-0.48	-0.70	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	7/20/2020	0910	-1.86	-1.76	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	8/19/2020	1037	-0.12	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	9/17/2020	0910	-0.91	-0.91	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	10/26/2020	1000	-0.18	-0.24	0 0	0	1.2	20.3	6.2	20.4	0.0	20.4	
VMP-35-10	11/23/2020	1025	-4.55	-2.31	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-10	12/16/2020	1056	-1.74	-1.68	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	1/20/2020	1116	0.00	0.00	0 0	0	0.0	20.9	5.8	15.3	0.8	14 5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	1/20/2020	1451	0.00	NM	0 0	1	0.2	20.2	16.9	109	40.5	68 5	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	2/19/2020	1201	0.00	0.11	0 0	0	0.1	20.7	13.1	32.7	0.0	32.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-20	3/11/2020	1125	0.10	0.00	1 0	21	1.0	18.7	209	1595	323	1272	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-20	3/12/2020	1048	0.00	NM	5 8	OVR	2.5	17.2	619	6165	1306	4859	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-20	4/20/2020	1002	-0.34	-0.75	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	5/20/2020	0916	-1.08	-1.08	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	6/17/2020	0925	-0.18	-0.26	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	7/20/2020	0911	-0.97	-0.74	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	8/19/2020	1038	-0.58	-0.44	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	9/17/2020	0911	-0.39	-0.37	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20-Dup	9/17/2020	0911	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-35-20	10/26/2020	1001	-0.07	-0.07	0 0	0	0.4	20.6	7.7	27.2	0.2	27 0	
VMP-35-20	11/23/2020	1026	-2.04	-1.01	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-20	12/16/2020	1058	-0.73	-0.67	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-30	1/20/2020	1117	0.00	0.00	0 0	0	0.0	20.9	2.8	8 3	1.5	6.8	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	1/20/2020	1452	0.00	NM	0 2	5	0.3	20.2	49.8	497	249	248	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	2/19/2020	1202	0.00	0.10	0 0	0	0.0	20.9	8.2	20.3	0.0	20 3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-35-30	3/11/2020	1126	0.10	0.00	2.1	43	0.9	18.6	335	3387	1276	2111	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-30	3/12/2020	1049	0.00	NM	9 9	OVR	2.2	17.4	769	10500	2713	7787	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-35-30	4/20/2020	1003	-0.50	-0.49	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-35-30	5/20/2020	0917	-0.63	-0.67	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30	6/17/2020	0927	-0.12	-0.16	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30	7/20/2020	0912	-0.54	-0.51	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30	8/19/2020	1039	-0.36	-0.28	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30	9/17/2020	0912	-0.28	-0.28	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30	10/26/2020	1002	-0.06	-0.06	0 0	0	0.2	20.8	5.1	18.8	1.5	17 3	
VMP-35-30-Dup	10/26/2020	1002	NM	NM	0 0	0	0.1	20.7	5.1	19.0	1.7	17 3	Duplicate sample.
VMP-35-30	11/23/2020	1027	-1.65	-0.83	0 0	0	0.0	20.9	0.0	0 0	0.0	NM	
VMP-35-30	12/16/2020	1100	-0.60	-0.59	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-35-30-Dup	12/16/2020	1100	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-36-10	1/20/2020	1105	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-10	2/19/2020	1130	0.00	0.00	0 0	0	0.0	20.9	0.3	0 5	0.0	0.5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-10	3/11/2020	1115	0.00	0.00	0 0	0	0.0	20.9	0.0	0.7	0.7	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-10	4/20/2020	0950	-0.14	-0.10	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-10	5/20/2020	0906	-0.33	-0.23	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-10	6/17/2020	0910	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-10	7/20/2020	0931	-0.11	-0.08	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-10	8/19/2020	1000	-0.11	-0.09	0 0	0	0.0	20.9	0.0	1.1	1.1	0.0	
VMP-36-10	9/16/2020	0948	0.00	0.00	0 0	0	0.0	20.9	2.3	13.6	0.0	13 6	Re-sampled to confirm initial sample.
VMP-36-10	9/17/2020	0853	0.00	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Re-sample.
VMP-36-10	10/26/2020	0948	0.00	-0.02	0 0	0	0.2	20.7	0.1	0 8	0.8	0.0	
VMP-36-10	11/23/2020	0955	-0.25	-0.21	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-10	12/16/2020	1024	-0.13	-0.12	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-20	1/20/2020	1106	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-20	2/19/2020	1131	0.00	0.00	0 0	0	0.0	20.9	0.3	1 2	0.5	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-20	3/11/2020	1116	0.09	0.00	0 0	0	0.1	20.7	0.0	2 5	2.5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-20	4/20/2020	0951	-0.51	-0.48	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	5/20/2020	0907	-0.84	-0.82	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	6/17/2020	0911	-0.12	-0.21	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	7/20/2020	0932	-0.39	-0.26	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	8/19/2020	1001	-0.19	-0.18	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	9/16/2020	0949	0.00	0.00	0 0	0	0.1	20.7	8.4	54.9	0.0	54 9	Re-sampled to confirm initial sample.
VMP-36-20	9/17/2020	0855	0.00	NM	0 0	0	0.1	20.7	0.2	0 0	0.0	0.0	Re-sample.
VMP-36-20	10/26/2020	0949	0.00	0.08	0 0	0	0.6	19.9	0.0	0 8	0.8	0.0	
VMP-36-20	11/23/2020	0956	-1.08	-0.54	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-20	12/16/2020	1026	-0.32	-0.30	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30	1/20/2020	1107	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-30	2/19/2020	1132	0.00	0.00	0 0	0	0.0	20.9	0.2	0.7	0.0	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-36-30	3/11/2020	1117	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-36-30	4/20/2020	0952	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-36-30	5/20/2020	0908	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30	6/17/2020	0912	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30	7/20/2020	0933	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30	8/19/2020	1002	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30	9/16/2020	0930	0.00	0.00	0 0	0	0.0	20.9	0.2	0 9	0.0	0.9	Re-sampled to confirm initial sample.
VMP-36-30	9/17/2020	0855	0.00	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Re-sample.
VMP-36-30	10/26/2020	0950	0.00	0.00	0 0	0	0.0	20.9	0.2	0 0	0.0	0.0	
VMP-36-30	11/23/2020	0957	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-36-30-Dup	11/23/2020	0957	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-36-30	12/16/2020	1028	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-37-10	1/20/2020	1050	0.00	0.00	0 0	0	1.0	17.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-10	2/19/2020	1118	0.00	0.00	0 0	0	2.6	15.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-10	3/11/2020	1037	0.09	0.09	0 0	0	3.4	10.6	0.1	5 5	5.5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-10	4/20/2020	0941	-0.70	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-37-10	5/20/2020	0858	-0.96	-0.84	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-37-10	6/17/2020	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-10	8/19/2020	0938	-0.11	-0.14	0 0	0	2.5	17.5	0.0	0 0	0.0	0.0	
VMP-37-10	9/16/2020	0934	0.00	0.00	0 0	0	12 8	3.8	0.8	0 0	0.0	0.0	
VMP-37-10	10/26/2020	0930	-0.07	-0.17	0 0	0	12 8	6.4	0.4	11.0	1.1	9.9	
VMP-37-10	11/23/2020	1215	-0.20	-0.30	0 0	0	6.3	11.3	0.0	0 0	0.0	0.0	
VMP-37-10	12/16/2020	1012	-0.31	-0.26	0 0	0	4.4	14.2	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-20	1/20/2020	1051	0.00	0.00	0 0	0	8.5	8.8	0.1	5 0	5.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-20	2/19/2020	1119	0.00	0.00	0 0	0	10.1	6.5	0.2	15.0	15.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-20	3/11/2020	1038	0.10	0.13	0 0	0	5.5	12.3	0.2	1 8	1.8	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-20	4/20/2020	0942	-2.00	-1.92	0 0	0	2.2	18.4	6.0	20.8	1.4	19.4	
VMP-37-20	5/20/2020	0859	-2.34	-2.22	0 0	0	2.5	18.0	10.7	49.2	2.9	46 3	
VMP-37-20	6/17/2020	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-20	8/19/2020	0939	-0.23	-0.26	0 0	0	3.8	16.3	0.2	9 9	9.9	0.0	
VMP-37-20	9/16/2020	0935	0.00	-0.12	0 0	0	12 0	3.4	1.7	17.0	12.0	5.0	
VMP-37-20	10/26/2020	0931	-0.10	-0.26	0.1	3	13 5	3.2	37.8	196	35.0	161	
VMP-37-20	11/23/2020	1216	-0.72	-0.70	0 0	0	8.3	9.7	7.1	41.0	8.0	33 0	
VMP-37-20	12/16/2020	1014	-0.59	-0.52	0 0	0	6.9	12.4	0.1	1.7	1.5	0.2	
VMP-37-30	1/20/2020	1052	0.00	0.00	0 0	0	3.4	16.4	0.1	4 2	3.5	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-30	2/19/2020	1120	-0.28	0.00	0 0	0	5.6	11.0	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-37-30	3/11/2020	1039	0.00	0.00	0 0	0	3.5	15.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-37-30	4/20/2020	0943	-3.70	-3.66	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	
VMP-37-30	5/20/2020	0900	-4.15	-4.03	0 0	0	1.4	19.6	0.0	0 0	0.0	0.0	
VMP-37-30	6/17/2020	0911	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-37-30	8/19/2020	0940	-0.56	0.00	0 0	0	2.9	15.6	0.0	2.1	2.1	0.0	
VMP-37-30	9/16/2020	0936	-0.26	-0.37	0 0	0	3.8	13.2	1.4	3 5	1.0	2.5	
VMP-37-30-Dup	9/16/2020	0936	NM	NM	0 0	0	3.8	13.2	1.4	3 6	1.1	2.5	Duplicate sample.
VMP-37-30	10/26/2020	0932	-0.26	-0.50	0 0	0	6.4	6.9	0.0	26.0	26.0	0.0	
VMP-37-30	11/23/2020	1217	-1.68	-1.71	0 0	0	5.5	10.2	0.0	0 0	0.0	0.0	
VMP-37-30	12/16/2020	1016	-1.39	-1.34	0 0	0	5.0	14.8	0.0	0 0	0.0	0.0	
VMP-38-10	1/20/2020	1040	0.00	0.00	0 0	0	0.4	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-10	2/19/2020	1104	0.21	0.00	0 0	0	0.6	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-10	3/11/2020	1028	-2.39	0.16	0 0	0	0.7	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-10	4/20/2020	0932	0.31	-0.25	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	
VMP-38-10	5/20/2020	0850	-0.29	-0.42	0 0	0	0.5	18.9	0.0	0 0	0.0	0.0	
VMP-38-10	6/17/2020	0900	0.00	0.00	0 0	0	1.5	20.5	0.0	0 0	0.0	0.0	
VMP-38-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-10	8/19/2020	0927	0.00	0.00	0 0	0	6.6	7.8	0.0	0 0	0.0	0.0	
VMP-38-10	9/16/2020	0925	0.00	0.00	0 0	0	8.1	6.9	0.1	0 0	0.0	0.0	
VMP-38-10	10/26/2020	0910	-0.07	-0.15	0 0	0	8.7	6.8	0.0	0 0	0.0	0.0	
VMP-38-10	11/23/2020	0940	-0.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. Water encountered during purge.
VMP-38-10	12/16/2020	1000	-3.87	-0.07	0 0	0	3.4	16.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	1/20/2020	1041	0.00	0.00	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-20	2/19/2020	1105	-5.46	0.11	0 0	0	0.8	18.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-20	3/11/2020	1029	-13.04	0.15	0 0	0	0.7	19.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-20	4/20/2020	0933	-0.83	-0.81	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-38-20	5/20/2020	0851	-9.50	-1.09	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-38-20	6/17/2020	0901	0.00	-0.40	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-38-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-20	8/19/2020	0928	-0.13	-0.11	0 0	0	1.5	17.2	0.0	0 0	0.0	0.0	
VMP-38-20	9/16/2020	0926	0.00	0.00	0 0	0	1.9	14.6	0.0	0 0	0.0	0.0	
VMP-38-20	10/26/2020	0911	0.00	0.00	0 0	0	3.2	11.4	0.1	0 0	0.0	0.0	
VMP-38-20	11/23/2020	0941	0.00	-0.03	0 0	0	3.5	12.8	0.0	0 0	0.0	0.0	
VMP-38-20	12/16/2020	1002	-0.19	-0.13	0 0	0	3.9	15.6	0.0	0 0	0.0	0.0	
VMP-38-27	1/20/2020	1042	0.00	0.00	0 0	0	0.7	19.8	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-27	2/19/2020	1106	0.00	0.11	0 0	0	0.8	19.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-38-27	3/11/2020	1030	0.10	0.14	0 0	0	0.7	19.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-38-27	4/20/2020	0934	-0.18	-0.81	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-38-27	5/20/2020	0852	-1.20	-1.09	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-38-27	6/17/2020	0902	0.00	-0.51	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	
VMP-38-27	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-38-27	8/19/2020	0929	-0.13	-0.12	0 0	0	1.0	17.9	0.0	0 0	0.0	0.0	
VMP-38-27	9/16/2020	0927	0.00	0.00	0 0	0	1.5	15.0	0.0	0.4	0.4	0.0	
VMP-38-27	10/26/2020	0912	-0.18	-0.14	0 0	0	3.2	11.6	0.0	0 0	0.0	0.0	
VMP-38-27-Dup	10/26/2020	0912	NM	NM	0 0	0	3.3	11.3	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-38-27	11/23/2020	0942	0.27	-0.03	0 0	0	3.6	12.9	0.0	0 0	0.0	0.0	
VMP-38-27	12/16/2020	1004	-0.42	-0.20	0 0	0	3.8	15.7	0.0	0 0	0.0	0.0	
VMP-39-10	1/20/2020	1025	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-10	2/19/2020	1048	0.00	0.00	0 0	0	0.1	20.7	0.0	0.4	0.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-10	3/11/2020	1018	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-10	4/20/2020	0923	-1.10	-1.07	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-10	5/20/2020	0842	-1.51	-1.45	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-10	6/17/2020	0845	0.00	-1.01	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-10	7/29/2020	1412	0.00	NM	0 0	0	4.1	13.0	0.7	3 2	3.2	0.0	
VMP-39-10	8/19/2020	0914	0.00	0.00	0 0	0	2.8	16.8	0.0	14.0	14.0	0.0	Re-sampled to confirm initial sample.
VMP-39-10	8/20/2020	1022	0.00	NM	0 0	0	5.5	10.7	0.0	14.0	14.0	0.0	Re-sample.
VMP-39-10	9/16/2020	0910	0.00	0.00	0 0	0	8.5	6.4	0.0	0 0	0.0	0.0	
VMP-39-10	10/26/2020	0855	-0.16	-0.12	0 0	0	1.4	19.6	0.0	0 0	0.0	0.0	
VMP-39-10	11/23/2020	0930	-0.09	-0.21	0 0	0	1.8	19.2	0.0	0 0	0.0	0.0	
VMP-39-10	12/16/2020	0946	-0.10	-0.08	0 0	0	1.6	19.6	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	1/20/2020	1026	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-20	2/19/2020	1049	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-20	3/11/2020	1019	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-20	4/20/2020	0924	-0.56	-0.21	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-20	5/20/2020	0843	-0.82	-0.82	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-20	6/17/2020	0846	0.00	-0.47	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-20	7/29/2020	1413	0.00	NM	0 0	0	4.7	11.5	0.0	23.0	23.0	0.0	
VMP-39-20	8/19/2020	0915	0.00	0.00	0 0	0	0.4	20.4	0.0	3 8	3.8	0.0	Re-sampled to confirm initial sample.
VMP-39-20	8/20/2020	1026	0.00	NM	0 0	0	3.3	14.8	0.0	30.4	30.4	0.0	Re-sample.
VMP-39-20	9/16/2020	0911	0.00	0.00	0 0	0	6.8	9.9	0.0	21.0	19.0	2.0	
VMP-39-20	10/26/2020	0856	-0.06	-0.04	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-39-20	11/23/2020	0931	0.00	-0.07	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	
VMP-39-20	12/16/2020	0948	-0.04	-0.03	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-39-30	1/20/2020	1027	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-30	2/19/2020	1050	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-39-30	3/11/2020	1020	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-39-30	4/20/2020	0925	-0.43	-0.41	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-30	5/20/2020	0844	-0.66	-0.64	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-30	6/17/2020	0847	0.00	-0.40	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-39-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-39-30	7/29/2020	1414	0.00	NM	0 0	0	4.7	11.6	0.0	26.0	26.0	0.0	
VMP-39-30	8/19/2020	0916	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-39-30-Dup	8/19/2020	0916	NM	NM	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-39-30	8/20/2020	1029	0.00	NM	0 0	0	2.3	16.9	0.0	20.5	20.5	0.0	Re-sample.
VMP-39-30	9/16/2020	0912	0.00	0.00	0 0	0	6.0	11.5	0.0	17.0	17.0	0.0	
VMP-39-30	10/26/2020	0857	-0.06	-0.05	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	
VMP-39-30	11/23/2020	0932	0.00	-0.08	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-39-30	12/16/2020	0950	-0.04	-0.05	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-10	1/20/2020	1000	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-10	2/19/2020	1030	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-10	3/11/2020	1010	0.00	0.00	0 0	0	0.0	20.7	0.0	60.7	60.7	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-10	3/12/2020	1038	0.00	NM	0 0	0	0.3	19.6	0.3	220	220	0.0	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-10	4/20/2020	0910	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-10	5/20/2020	0835	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-10	6/17/2020	0830	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-10	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-10	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-10	9/16/2020	0700	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-10	10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-10	11/23/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Abandoned and replaced with VMP-65.
VMP-40-20	1/20/2020	1001	-0.13	0.00	0 0	0	0.0	16.1	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	1/20/2020	1503	0.00	NM	0 0	0	0.1	14.2	0.0	0 0	0.0	0.0	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	2/19/2020	1031	-0.16	0.00	0 3	6	5.1	3.9	6.2	3040	2480	560	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20-Dup	2/19/2020	1031	NM	NM	0 3	7	5.3	2.9	6.2	3710	3220	490	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-20	3/11/2020	1011	0.17	0.10	3.4	68	9.5	2.9	58.6	31610	27660	3950	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-20	3/12/2020	1039	0.00	NM	2 5	50	7.7	4.5	46.3	24760	22020	2740	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-20	4/20/2020	0911	-0.97	-0.81	0 0	0	4.9	14.1	0.1	0 0	0.0	0.0	
VMP-40-20-Dup	4/20/2020	0911	NM	NM	0 0	0	4.9	14.2	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-40-20	5/20/2020	0836	-1.90	-1.09	0 0	0	1.3	17.8	0.2	0 0	0.0	0.0	
VMP-40-20	6/17/2020	0831	-0.22	-1.17	0 0	0	4.2	15.3	0.1	0 0	0.0	0.0	
VMP-40-20	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-20	8/19/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-20	9/16/2020	0701	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-20	10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-20	11/23/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Abandoned and replaced with VMP-65.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-30	1/20/2020	1003	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30-Dup	1/20/2020	1003	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30	2/19/2020	1032	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-40-30	3/11/2020	1012	0.15	0.00	0 0	0	0.0	20.6	0.0	101	101	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-30	3/12/2020	1040	0.12	NM	0 0	1	0.5	18.9	0.7	404	404	0.0	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-40-30	4/20/2020	0912	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-30	5/20/2020	0837	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-30	6/17/2020	0832	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-40-30-Dup	6/17/2020	0832	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-40-30	7/21/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-40-30	8/19/2020	1231	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port damaged during refinery construction activities.
VMP-40-30	9/16/2020	0702	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-30	10/27/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-40-30	11/23/2020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Abandoned and replaced with VMP-65.
VMP-41-10	1/20/2020	0930	0.00	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-10	2/19/2020	1025	0.00	0.00	0 0	0	0.3	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-10	3/11/2020	0917	-1.23	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-10	4/22/2020	1000	0.00	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	
VMP-41-10	5/20/2020	0850	0.00	0.00	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	
VMP-41-10	6/17/2020	1034	0.00	0.00	0 0	0	0.6	19.7	0.0	0 0	0.0	0.0	
VMP-41-10	7/20/2020	0945	0.00	0.00	0 0	0	1.0	19.6	0.0	0 0	0.0	0.0	
VMP-41-10	8/20/2020	1202	0.00	0.00	0 0	0	1.3	18.7	0.0	0 0	0.0	0.0	
VMP-41-10	9/16/2020	0943	0.00	0.00	0 0	0	2.0	18.1	0.0	0 0	0.0	0.0	
VMP-41-10	10/26/2020	0938	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-41-10	11/23/2020	0838	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-41-10	12/16/2020	0952	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-20	1/20/2020	0931	-0.09	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-20	2/19/2020	1026	0.30	0.00	0 0	0	0.7	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-20	3/11/2020	0918	-0.86	0.00	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-20	4/22/2020	1001	0.00	0.00	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	
VMP-41-20	5/20/2020	0851	0.00	0.00	0 0	0	0.7	20.0	0.0	0 0	0.0	0.0	
VMP-41-20	6/17/2020	1036	0.00	0.00	0 0	0	1.0	19.5	0.1	0 0	0.0	0.0	
VMP-41-20-Dup	6/17/2020	1036	NM	NM	0 0	0	1.0	19.6	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-41-20	7/20/2020	0946	0.00	0.00	0 0	0	1.1	19.5	0.1	0 0	0.0	0.0	
VMP-41-20	8/20/2020	1203	0.00	0.00	0 0	0	1.3	18.6	0.0	0 0	0.0	0.0	
VMP-41-20	9/16/2020	0943	0.00	0.00	0 0	0	1.9	18.0	0.0	0 0	0.0	0.0	
VMP-41-20	10/26/2020	0939	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-41-20	11/23/2020	0839	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-41-20	12/16/2020	0953	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-41-26	1/20/2020	0932	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-26	2/19/2020	1027	0.00	0.00	0 0	0	0.8	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-41-26	3/11/2020	0919	-0.22	0.00	0 0	0	0.7	20.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-41-26	4/22/2020	1002	0.00	0.00	0 0	0	0.6	20.1	0.0	0 0	0.0	0.0	
VMP-41-26	5/20/2020	0852	0.00	0.00	0 0	0	0.7	20.0	0.0	0 0	0.0	0.0	
VMP-41-26	6/17/2020	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	7/20/2020	0947	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	8/20/2020	1204	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	9/16/2020	0944	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	10/26/2020	0938	0.00	0.00	0 0	0	0.4	20.7	0.0	0 0	0.0	0.0	
VMP-41-26	11/23/2020	0840	0.00	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-41-26	12/16/2020	0954	0.00	0.00	0 0	0	0.4	20.3	0.0	0 0	0.0	0.0	
VMP-42-10	1/21/2020	1145	0.00	0.00	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-10	2/20/2020	1238	0.00	0.10	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-10	3/12/2020	838	0.00	0.00	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-10	4/21/2020	0828	-0.40	-0.11	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	
VMP-42-10	5/21/2020	0955	0.00	0.00	0 0	0	0.8	20.0	0.1	0 0	0.0	0.0	
VMP-42-10	6/18/2020	0915	0.00	0.00	0 0	0	1.5	19.5	0.1	0 0	0.0	0.0	
VMP-42-10	7/21/2020	0905	0.00	0.00	0 0	0	1.9	19.6	0.0	0 0	0.0	0.0	
VMP-42-10	8/19/2020	0838	0.00	0.00	0 0	0	2.3	18.4	0.0	0 0	0.0	0.0	
VMP-42-10	9/17/2020	1252	0.00	0.00	0 0	0	2.6	18.7	0.0	0 0	0.0	0.0	
VMP-42-10	10/27/2020	1048	0.16	0.00	0 0	0	2.9	18.2	0.0	0 0	0.0	0.0	
VMP-42-10	11/24/2020	1230	0.00	0.00	0 0	0	2.3	19.5	0.0	0 0	0.0	0.0	
VMP-42-10	12/17/2020	1132	-0.03	-0.07	0 0	0	1.1	20.2	0.0	0 0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	1/21/2020	1146	0.18	0.27	0 0	0	2.0	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-20	2/20/2020	1239	0.00	0.13	0 0	0	1.9	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-20	3/12/2020	839	0.12	0.00	0 0	0	2.3	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-20-Dup	3/12/2020	839	NM	NM	0 0	0	2.3	19.3	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-20	4/21/2020	0829	-0.11	0.00	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	
VMP-42-20	5/21/2020	0956	-0.17	-0.09	0 0	0	1.5	19.3	0.0	0 0	0.0	0.0	
VMP-42-20	6/18/2020	0916	0.00	-0.95	0 0	0	1.7	18.9	0.0	0 0	0.0	0.0	
VMP-42-20	7/21/2020	0906	-0.16	-0.14	0 0	0	3.0	18.0	0.0	0 0	0.0	0.0	
VMP-42-20-Dup	7/21/2020	0906	NM	NM	0 0	0	2.9	18.1	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-42-20	8/19/2020	0839	-0.21	-0.12	0 0	0	3.1	17.7	0.0	0 0	0.0	0.0	
VMP-42-20	9/17/2020	1253	-0.13	0.00	0 0	0	3.5	17.4	0.0	0 0	0.0	0.0	
VMP-42-20	10/27/2020	1049	0.14	-0.04	0 0	0	3.6	17.6	0.0	0 0	0.0	0.0	
VMP-42-20	11/24/2020	1231	0.00	0.00	0 0	0	3.9	17.7	0.0	0 0	0.0	0.0	
VMP-42-20	12/17/2020	1134	-0.16	-0.19	0 0	0	3.0	19.2	0.0	0 0	0.0	0.0	
VMP-42-30	1/21/2020	1148	0.33	0.59	0 0	0	2.8	19.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30-Dup	1/21/2020	1148	NM	NM	0 0	0	2.8	19.2	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30	2/20/2020	1240	-0.28	-0.15	0 0	0	3.1	18.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30-Dup	2/20/2020	1240	NM	NM	0 0	0	3.1	18.6	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-42-30	3/12/2020	840	0.46	0.17	0 0	0	3.0	18.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-42-30	4/21/2020	0830	-0.07	0.00	0 0	0	2.3	19.4	0.0	0 0	0.0	0.0	
VMP-42-30	5/21/2020	0957	-0.31	-0.23	0 0	0	2.0	19.3	0.0	0 0	0.0	0.0	
VMP-42-30	6/18/2020	0917	-0.10	-0.23	0 0	0	2.1	19.0	0.0	0 0	0.0	0.0	
VMP-42-30	7/21/2020	0907	-0.27	-0.27	0 0	0	2.3	18.3	0.0	0 0	0.0	0.0	
VMP-42-30	8/19/2020	0840	-0.36	-0.24	0 0	0	2.8	17.9	0.0	0 0	0.0	0.0	
VMP-42-30	9/17/2020	1254	-0.15	-0.10	0 0	0	3.1	17.4	0.2	0 9	0.9	0.0	
VMP-42-30	10/27/2020	1050	0.21	-0.08	0 0	0	3.6	17.1	0.0	4 9	4.9	0.0	
VMP-42-30-Dup	10/27/2020	1050	NM	NM	0 0	0	3.7	17.1	0.0	5 5	5.5	0.0	Duplicate sample.
VMP-42-30	11/24/2020	1232	0.00	0.00	0 0	0	4.1	17.0	0.0	0 0	0.0	0.0	
VMP-42-30-Dup	11/24/2020	1232	NM	NM	0 0	0	4.1	16.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-42-30	12/17/2020	1136	-0.32	-0.33	0 0	0	4.1	18.3	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-10	1/21/2020	1010	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-10	2/20/2020	1245	0.00	0.10	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-10	3/12/2020	929	0.23	0.20	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-10	4/21/2020	1000	-3.37	-8.20	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-43-10	5/21/2020	1015	-3.17	-3.33	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-43-10	6/18/2020	1110	-2.84	-2.75	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-43-10	7/21/2020	0958	-4.44	-4.38	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-43-10	7/31/2020	0854	-4.67	NM	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-43-10	8/19/2020	1028	-4.10	-4.01	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-43-10	9/17/2020	0845	-3.52	-3.45	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-43-10	9/29/2020	1240	0.04	NM	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-43-10	10/6/2020	1440	0.19	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-43-10	10/7/2020	1425	0.16	NM	0 0	0	0.3	19.8	0.0	0 0	0.0	0.0	
VMP-43-10	10/13/2020	1443	0.26	NM	0 0	0	0.4	19.0	0.1	0 0	0.0	0.0	
VMP-43-10	10/20/2020	1311	0.20	NM	0 0	0	0.7	18.7	0.0	0 0	0.0	0.0	
VMP-43-10	10/27/2020	0857	-0.23	-0.04	0 0	0	0.8	18.2	0.0	0 0	0.0	0.0	
VMP-43-10	11/24/2020	1032	-4.99	-4.99	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	
VMP-43-10	12/17/2020	1010	-4.73	-4.76	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-43-20	1/21/2020	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-43-20	2/20/2020	1246	0.00	0.30	0 0	0	0.4	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-20	3/12/2020	930	0.36	0.28	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-20	4/21/2020	1001	-5.12	-1.26	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-43-20	5/21/2020	1016	-4.76	-4.68	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-43-20	6/18/2020	1111	-4.51	-4.52	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-43-20	7/21/2020	0959	-6.48	-6.43	0 0	0	0.4	20.0	0.0	0 0	0.0	0.0	
VMP-43-20	7/31/2020	0856	-7.05	NM	0 0	0	0.8	19.9	0.2	9 9	9.0	0.9	
VMP-43-20	8/19/2020	1029	-6.89	-6.52	0 0	0	0.9	19.9	0.1	17.4	17.4	0.0	
VMP-43-20	9/17/2020	0846	-5.91	-6.01	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	
VMP-43-20	9/29/2020	1242	-0.66	NM	0 0	0	1.9	19.6	0.0	0 0	0.0	0.0	
VMP-43-20	10/6/2020	1442	-0.87	NM	0 0	0	1.3	18.3	0.0	0 0	0.0	0.0	
VMP-43-20	10/7/2020	1427	-0.65	NM	0 0	0	1.4	17.8	0.2	0 0	0.0	0.0	
VMP-43-20	10/13/2020	1441	0.00	NM	0 0	0	1.7	15.8	0.1	0 0	0.0	0.0	
VMP-43-20	10/20/2020	1308	0.24	NM	0 0	0	2.3	14.8	0.0	0 0	0.0	0.0	
VMP-43-20	10/27/2020	0858	-0.72	-0.07	0 0	0	2.7	14.0	0.0	0 0	0.0	0.0	
VMP-43-20	11/24/2020	1033	-7.63	-7.46	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-43-20	12/17/2020	1011	-7.38	-7.40	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-30	1/21/2020	1012	-0.28	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-30	2/20/2020	1247	0.00	0.30	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-43-30	3/12/2020	931	0.00	0.24	0 0	0	0.9	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-43-30	4/21/2020	1002	-5.95	-1.46	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-43-30-Dup	4/21/2020	1002	NM	NM	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-43-30	5/21/2020	1017	-5.55	-5.47	0 0	0	0.5	20.3	0.1	0 0	0.0	0.0	
VMP-43-30-Dup	5/21/2020	1017	NM	NM	0 0	0	0.5	20.3	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-43-30	6/18/2020	1112	-5.90	-5.92	0 0	0	0.7	20.3	0.2	0 0	0.0	0.0	
VMP-43-30	7/21/2020	1000	-8.35	-8.28	0 0	0	1.1	19.2	0.0	0 0	0.0	0.0	
VMP-43-30	7/31/2020	0858	-9.00	NM	11.6	OVR	7.2	7.6	532	20840	15110	5730	
VMP-43-30	8/19/2020	1030	-8.71	-8.66	1.7	34	10 2	5.3	293	2350	531	1819	
VMP-43-30	9/17/2020	0847	-8.57	-8.60	0 0	0	9.0	9.4	0.3	0 0	0.0	0.0	
VMP-43-30	9/29/2020	1244	-0.21	NM	0 0	0	12.4	1.4	0.2	31.0	31.0	0.0	
VMP-43-30	10/6/2020	1444	0.32	NM	0 0	0	11 3	5.2	0.0	0 0	0.0	0.0	
VMP-43-30	10/7/2020	1427	0.25	NM	0 0	0	12.1	2.4	0.9	42.0	42.0	0.0	
VMP-43-30	10/13/2020	1440	0.43	NM	0 0	0	12.1	1.8	0.0	0 0	0.0	0.0	
VMP-43-30	10/20/2020	1313	0.25	NM	0 0	0	12 3	1.8	0.0	0 0	0.0	0.0	
VMP-43-30	10/27/2020	0859	-0.61	0.00	0 0	0	12 3	1.9	0.1	0 0	0.0	0.0	
VMP-43-30-Dup	10/27/2020	0859	NM	NM	0 0	0	12.7	1.3	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-43-30	11/24/2020	1034	-9.50	-9.38	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-43-30-Dup	11/24/2020	1034	NM	NM	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-43-30	12/17/2020	1012	-9.22	-9.22	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-43-30-Dup	12/17/2020	1012	NM	NM	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-44-10	1/21/2020	0845	0.00	0.00	0 0	0	0.7	18.9	0.1	8 8	8.8	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-10	2/20/2020	1045	0.00	0.00	0 0	0	2.1	15.4	0.0	0 6	0.6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-10	3/11/2020	1450	0.00	0.00	0 0	0	1.5	17.7	0.0	8 5	8.5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-10	4/21/2020	1105	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-44-10	5/21/2020	0815	-0.10	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-44-10	6/18/2020	1100	0.00	0.00	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-44-10	7/21/2020	0834	0.00	0.00	0 0	0	3.5	14.6	0.1	2 0	2.0	0.0	
VMP-44-10	8/19/2020	1215	-0.30	0.00	0 0	0	3.6	16.0	0.0	0 0	0.0	0.0	
VMP-44-10	9/16/2020	1410	0.00	0.00	0 0	0	6.1	9.8	0.0	0 0	0.0	0.0	
VMP-44-10	10/27/2020	0948	0.00	0.00	0 0	0	8.9	5.1	0.0	0 0	0.0	0.0	
VMP-44-10	11/24/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP integrity.
VMP-44-10	12/17/2020	0815	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP 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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-20	1/21/2020	0846	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-44-20	2/20/2020	1046	0.00	0.00	0 0	0	1.6	16.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-20	3/11/2020	1451	0.00	0.00	0 0	0	1.0	18.4	0.0	9 0	9.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-20	4/21/2020	1106	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-44-20	5/21/2020	0816	-0.35	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-44-20	6/18/2020	1102	-0.19	0.00	0 0	0	0.2	20.7	0.2	0 0	0.0	0.0	
VMP-44-20	7/21/2020	0835	-4.80	0.00	0 0	0	3.6	14.5	0.1	1.7	1.7	0.0	
VMP-44-20	8/19/2020	1216	-2.35	0.00	0 0	0	2.8	17.2	0.0	0 0	0.0	0.0	
VMP-44-20	9/16/2020	1411	0.00	0.00	0 0	0	5.5	10.7	0.0	0 0	0.0	0.0	
VMP-44-20	10/27/2020	0949	0.00	0.00	0 0	0	7.4	8.0	0.0	0 0	0.0	0.0	
VMP-44-20-Dup	10/27/2020	0949	NM	NM	0 0	0	7.5	7.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-44-20	11/24/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP integrity.
VMP-44-20	12/17/2020	0816	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP integrity.
VMP-44-30	1/21/2020	0847	0.00	0.00	0 0	0	0.3	19.8	0.1	9.7	9.7	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-30	2/20/2020	1047	0.00	0.00	0 0	0	1.6	16.4	0.0	1 6	1.6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-44-30	3/11/2020	1452	0.00	0.00	0 0	0	0.8	18.9	0.0	4.4	4.4	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-44-30	4/21/2020	1107	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-44-30-Dup	4/21/2020	1107	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-44-30	5/21/2020	0817	-0.26	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-44-30	6/18/2020	1104	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-44-30	7/21/2020	0836	0.00	0.00	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	
VMP-44-30	8/19/2020	1217	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-44-30	9/16/2020	1412	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-44-30	10/27/2020	0950	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-44-30	11/24/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP integrity.
VMP-44-30	12/17/2020	0817	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to VMP integrity.
VMP-45-10	1/21/2020	0755	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-10	2/20/2020	0930	0.00	0.00	0 0	0	0.1	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-10	3/11/2020	1344	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-10	4/21/2020	1248	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-45-10	5/20/2020	1300	0.00	-0.10	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-45-10	6/18/2020	1008	0.00	-0.12	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-45-10	7/20/2020	1426	0.00	0.00	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	
VMP-45-10	8/19/2020	1328	0.00	0.00	0 0	0	1.2	19.0	0.0	0 0	0.0	0.0	
VMP-45-10	9/16/2020	1321	0.00	0.00	0 0	0	1.7	17.9	0.0	0 0	0.0	0.0	
VMP-45-10	10/27/2020	1100	0.00	0.00	0 0	0	2.4	17.3	0.0	0 0	0.0	0.0	
VMP-45-10	11/24/2020	0835	0.00	0.00	0 0	0	0.9	20.4	0.0	0 0	0.0	0.0	
VMP-45-10	12/16/2020	1254	0.12	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-20	1/21/2020	0756	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-20	2/20/2020	0931	0.00	0.00	0 0	0	0.3	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-20	3/11/2020	1345	0.00	0.00	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-20	4/21/2020	1249	-0.10	-0.10	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-45-20	5/20/2020	1301	0.00	-0.14	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-45-20	6/18/2020	1010	0.00	-0.11	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-45-20	7/20/2020	1427	-0.12	0.00	0 0	0	0.7	19.9	0.0	0 0	0.0	0.0	
VMP-45-20	8/19/2020	1329	0.00	0.00	0 0	0	1.4	18.8	0.0	0 0	0.0	0.0	
VMP-45-20	9/16/2020	1322	0.00	0.00	0 0	0	1.8	18.0	0.0	0 0	0.0	0.0	
VMP-45-20	10/27/2020	1101	0.00	0.00	0 0	0	2.2	17.9	0.0	0 0	0.0	0.0	
VMP-45-20	11/24/2020	0836	0.00	0.00	0 0	0	1.1	20.2	0.0	0 0	0.0	0.0	
VMP-45-20	12/16/2020	1255	0.15	0.00	0 0	0	0.6	20.6	0.0	0 0	0.0	0.0	
VMP-45-30	1/21/2020	0757	0.00	0.00	0 0	0	0.8	20.3	0.0	2.1	2.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-45-30	2/20/2020	0932	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-45-30	3/11/2020	1346	-0.30	0.00	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-30-Dup	3/11/2020	1346	NM	NM	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-45-30	4/21/2020	1250	-0.10	-0.11	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-45-30	5/20/2020	1302	-0.11	-0.11	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-45-30	6/18/2020	1012	0.00	-0.10	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-45-30	7/20/2020	1428	0.00	0.00	0 0	0	0.4	20.2	0.0	0 0	0.0	0.0	
VMP-45-30	8/19/2020	1330	0.00	0.10	0 0	0	0.8	19.8	0.0	0 0	0.0	0.0	
VMP-45-30	9/16/2020	1323	0.00	0.00	0 0	0	1.3	18.6	0.0	0 0	0.0	0.0	
VMP-45-30	10/27/2020	1102	0.00	0.00	0 0	0	1.7	18.2	0.0	0 0	0.0	0.0	
VMP-45-30	11/24/2020	0837	0.00	0.00	0 0	0	1.0	20.2	0.0	0 0	0.0	0.0	
VMP-45-30-Dup	11/24/2020	0837	NM	NM	0 0	0	1.1	20.1	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-45-30	12/16/2020	1254	0.12	0.00	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	
VMP-46-10	1/20/2020	1200	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-10	2/20/2020	1515	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-10	3/11/2020	0931	0.00	0.00	0 0	0	0.0	20.7	0.1	1 5	1.5	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-10	4/20/2020	1040	-0.18	-0.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-46-10	5/20/2020	0955	-0.17	-0.20	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-46-10	6/17/2020	1005	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-46-10	7/21/2020	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-10	8/19/2020	1046	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-46-10	9/16/2020	1015	0.00	0.00	0 0	0	0.2	20.7	3.7	29.5	0.0	29 5	Re-sampled to confirm initial sample.
VMP-46-10	9/17/2020	0925	0.00	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Re-sample.
VMP-46-10	10/26/2020	1128	0.00	0.48	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-46-10	11/23/2020	1120	-0.06	-0.04	0 0	0	1.5	19.2	0.0	0 0	0.0	0.0	
VMP-46-10	12/16/2020	1126	-0.07	-0.03	0 0	0	0.1	20.6	0.1	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-20	1/20/2020	1201	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-20	2/20/2020	1516	0.00	0.00	0 0	0	0.1	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-20	3/11/2020	0932	0.00	0.00	0 0	0	0.3	20.5	0.1	0 9	0.9	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-20	4/20/2020	1041	-0.19	-0.21	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-46-20	5/20/2020	0956	-0.19	-0.18	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-46-20	6/17/2020	1006	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-46-20	7/21/2020	1201	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-20	8/19/2020	1047	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-46-20	9/16/2020	1016	0.00	0.00	0 0	0	0.7	20.0	3.3	20.5	0.0	20 5	Re-sampled to confirm initial sample.
VMP-46-20	9/17/2020	0926	0.00	NM	0 0	0	0.3	20.5	0.2	0 0	0.0	0.0	Re-sample.
VMP-46-20	10/26/2020	1129	0.00	0.73	0 0	0	1.5	18.9	0.1	0 0	0.0	0.0	
VMP-46-20	11/23/2020	1121	-0.63	-0.04	0 0	0	2.1	19.1	0.0	0 0	0.0	0.0	
VMP-46-20	12/16/2020	1128	-0.25	-0.03	0 0	0	0.6	20.3	0.1	0 0	0.0	0.0	
VMP-46-30	1/20/2020	1202	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-30	2/20/2020	1517	0.00	0.00	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-46-30	3/11/2020	0933	0.09	0.00	0 0	0	0.2	20.5	0.1	1 0	1.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-46-30	4/20/2020	1042	-0.20	-0.16	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-46-30-Dup	4/20/2020	1042	NM	NM	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-46-30	5/20/2020	0957	-0.18	-0.18	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-46-30	6/17/2020	1007	0.00	0.00	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-46-30	7/21/2020	1202	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-46-30	8/19/2020	1048	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-46-30	9/16/2020	1017	0.00	0.00	0 0	0	0.4	20.5	3.6	17.9	0.0	17 9	Re-sampled to confirm initial sample.
VMP-46-30	9/17/2020	0927	0.00	NM	0 0	0	0.2	20.6	0.1	0 0	0.0	0.0	Re-sample.
VMP-46-30	10/26/2020	1130	0.00	0.85	0 0	0	0.9	19.9	0.0	0 0	0.0	0.0	
VMP-46-30	11/23/2020	1122	-0.30	-0.02	0 0	0	1.2	19.8	0.0	0 0	0.0	0.0	
VMP-46-30	12/16/2020	1130	-0.09	-0.02	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-47-5	1/21/2020	0950	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-5	2/20/2020	1034	0.00	0.00	0 0	0	0.5	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-5	3/11/2020	1407	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-5	4/20/2020	1402	-0.10	-0.09	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-47-5	5/21/2020	0805	-0.15	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-47-5	6/17/2020	1410	-0.15	-0.10	0 0	0	0.5	20.2	0.1	0 0	0.0	0.0	
VMP-47-5	7/20/2020	1342	0.00	0.00	0 0	0	2.1	18.0	0.2	0 0	0.0	0.0	
VMP-47-5	8/20/2020	0907	0.00	0.00	0 0	0	4.1	16.1	0.0	0 0	0.0	0.0	
VMP-47-5	9/17/2020	1035	0.00	0.00	0 0	0	3.6	17.2	0.0	0 0	0.0	0.0	
VMP-47-5	10/27/2020	1520	0.00	0.00	0 0	0	2.7	18.2	0.0	0 0	0.0	0.0	
VMP-47-5	11/24/2020	1330	0.00	0.00	0 0	0	2.5	17.9	0.0	0 0	0.0	0.0	
VMP-47-5	12/17/2020	0944	-0.07	-0.05	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-10	1/21/2020	0951	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-10	2/20/2020	1035	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-10	3/11/2020	1408	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-10	4/20/2020	1403	-0.30	-0.29	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-47-10	5/21/2020	0806	-0.43	-0.35	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-47-10	6/17/2020	1411	-0.35	-0.32	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	
VMP-47-10	7/20/2020	1343	0.00	0.00	0 0	0	1.4	18.7	0.0	0 0	0.0	0.0	
VMP-47-10	8/20/2020	0908	0.00	0.00	0 0	0	3.0	16.7	0.0	0 0	0.0	0.0	
VMP-47-10	9/17/2020	1036	0.00	0.00	0 0	0	3.3	17.0	0.0	0 0	0.0	0.0	
VMP-47-10	10/27/2020	1251	0.00	0.00	0 0	0	2.9	17.9	0.0	0 0	0.0	0.0	
VMP-47-10	11/24/2020	1331	-0.16	-0.17	0 0	0	2.6	17.1	0.0	0 0	0.0	0.0	
VMP-47-10	12/17/2020	0946	-0.34	-0.51	0 0	0	0.9	20.4	0.0	0 0	0.0	0.0	
VMP-47-20	1/21/2020	0952	-0.21	0.00	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-20	2/20/2020	1036	-0.19	0.14	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-20	3/11/2020	1409	0.00	0.10	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-20	4/20/2020	1404	-3.37	-3.05	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-47-20	5/21/2020	0807	-4.08	-3.83	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-47-20	6/17/2020	1412	-3.20	-3.15	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-47-20	7/20/2020	1344	0.00	0.00	0 0	0	1.4	19.1	0.1	0 0	0.0	0.0	
VMP-47-20	8/20/2020	0909	0.00	0.00	0 0	0	1.8	18.3	0.0	0 0	0.0	0.0	
VMP-47-20	9/17/2020	1037	0.00	0.00	0 0	0	2.5	17.4	0.0	0 0	0.0	0.0	
VMP-47-20	10/27/2020	1252	0.18	0.08	0 0	0	2.4	17.2	0.0	0 0	0.0	0.0	
VMP-47-20	11/24/2020	1332	0.51	0.46	0 0	0	2.7	14.5	0.0	0 0	0.0	0.0	
VMP-47-20	12/17/2020	0948	-2.51	-2.50	0 0	0	0.6	20.5	0.0	0 0	0.0	0.0	
VMP-47-30	1/21/2020	0953	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-47-30	2/20/2020	1037	-0.25	-0.20	0 0	0	1.1	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-47-30	3/11/2020	1410	0.00	0.09	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-47-30	4/20/2020	1405	-3.44	-3.71	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	
VMP-47-30	5/21/2020	0808	-5.33	-5.01	0 0	0	0.8	20.0	0.0	0 0	0.0	0.0	
VMP-47-30	6/17/2020	1414	-4.20	-4.15	0 0	0	1.1	19.4	0.0	0 0	0.0	0.0	
VMP-47-30-Dup	6/17/2020	1414	NM	NM	0 0	0	1.2	19.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-47-30	7/20/2020	1345	0.00	0.00	0 0	0	1.6	18.8	0.2	0 0	0.0	0.0	
VMP-47-30	8/20/2020	0910	0.00	0.00	0 0	0	1.7	18.4	0.0	0 0	0.0	0.0	
VMP-47-30-Dup	8/20/2020	0910	NM	NM	0 0	0	1.7	18.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-47-30	9/17/2020	1038	-0.11	-0.14	0 0	0	2.0	16.9	0.0	0 0	0.0	0.0	
VMP-47-30	10/27/2020	1253	0.26	0.13	0 0	0	2.6	14.1	0.0	0 0	0.0	0.0	
VMP-47-30	11/24/2020	1333	0.68	0.41	0 0	0	3.3	11.2	0.0	0 0	0.0	0.0	
VMP-47-30	12/17/2020	0950	-2.82	-2.71	0 0	0	1.3	19.2	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-5	1/21/2020	1125	0.00	0.00	0 0	0	1.6	18.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-5	2/20/2020	1204	0.00	0.00	0 0	0	1.4	19.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-5	3/11/2020	1439	0.00	0.00	0 0	0	1.3	18.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-5	4/20/2020	1508	0.00	0.00	0 0	0	2.2	17.9	0.0	0 0	0.0	0.0	
VMP-48-5	5/21/2020	0925	0.00	0.00	0 0	0	4.2	13.2	0.4	14.6	14.6	0.0	Re-sampled to confirm initial sample.
VMP-48-5	5/21/2020	1050	0.00	NM	0 0	0	4.3	12.9	0.2	17.4	17.4	0.0	Re-sample.
VMP-48-5	6/18/2020	0900	0.00	0.00	0 0	0	6.6	15.8	0.0	0 0	0.0	0.0	
VMP-48-5	7/21/2020	0839	0.00	0.00	0 0	0	6.7	11.9	0.0	0 0	0.0	0.0	
VMP-48-5	8/20/2020	1102	0.00	0.00	0 0	0	7.1	12.0	0.0	0 0	0.0	0.0	
VMP-48-5	9/17/2020	1255	0.00	0.00	0 0	0	6.2	15.6	0.0	0 0	0.0	0.0	
VMP-48-5	10/27/2020	1103	0.00	0.00	0 0	0	3.1	17.5	0.0	0 0	0.0	0.0	
VMP-48-5	11/24/2020	1243	0.00	0.00	0 0	0	2.9	16.5	0.0	0 0	0.0	0.0	
VMP-48-5	12/17/2020	1114	-0.03	0.00	0 0	0	1.4	19.7	0.0	0 0	0.0	0.0	
VMP-48-10	1/21/2020	1126	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-48-10	2/20/2020	1205	0.00	0.00	0 0	0	3.1	18.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-10	3/11/2020	1440	0.00	0.00	0 0	0	3.4	18.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-10	4/20/2020	1509	0.00	0.00	0 0	0	2.8	18.3	0.0	0 0	0.0	0.0	
VMP-48-10	5/21/2020	0926	0.00	0.00	0 0	0	3.3	17.0	0.3	7 9	7.9	0.0	Re-sampled to confirm initial sample.
VMP-48-10	5/21/2020	1051	0.00	NM	0 0	0	3.2	17.2	0.2	2.7	2.7	0.0	Re-sample.
VMP-48-10-Dup	5/21/2020	0926	NM	NM	0 0	0	3.3	17.1	0.3	8.1	8.1	0.0	Duplicate sample.
VMP-48-10	6/18/2020	0901	0.00	0.00	0 0	0	3.7	17.3	0.0	0 0	0.0	0.0	
VMP-48-10	7/21/2020	0840	0.00	0.00	0 0	0	4.3	16.2	0.0	0 0	0.0	0.0	
VMP-48-10	8/20/2020	1103	0.00	0.00	0 0	0	4.4	15.2	0.0	0 0	0.0	0.0	
VMP-48-10	9/17/2020	1256	0.00	0.00	0 0	0	4.6	15.2	0.2	0 0	0.0	0.0	
VMP-48-10	10/27/2020	1104	0.00	0.00	0 0	0	4.8	15.4	0.0	0 0	0.0	0.0	
VMP-48-10	11/24/2020	1244	0.00	0.00	0 0	0	4.7	15.7	0.0	0 0	0.0	0.0	
VMP-48-10	12/17/2020	1116	-0.05	0.00	0 0	0	4.1	17.4	0.0	0 0	0.0	0.0	
VMP-48-20	1/21/2020	1127	0.00	0.13	0 0	0	4.3	17.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-20	2/20/2020	1206	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	3/11/2020	1441	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	4/20/2020	1510	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/21/2020	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/18/2020	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/21/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/20/2020	1104	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/17/2020	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	10/27/2020	1105	-0.36	0.29	0 0	0	5.1	14.9	0.0	0 0	0.0	0.0	
VMP-48-20	11/24/2020	1245	0.00	0.37	0 0	0	5.5	14.6	0.0	0 0	0.0	0.0	
VMP-48-20	12/17/2020	1118	-0.04	0.00	0 0	0	5.2	15.8	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-30	1/21/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-48-30	2/20/2020	1207	0.00	0.25	0 0	0	5.9	15.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-48-30	3/11/2020	1442	-0.13	0.21	0 0	0	6.0	15.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-48-30	4/20/2020	1511	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-30	5/21/2020	0928	0.00	0.00	0 0	0	0.0	20.8	0.3	13.4	13.4	0.0	Re-sampled to confirm initial sample.
VMP-48-30	5/21/2020	1053	0.00	NM	0 0	0	0.1	20.8	0.2	6 9	6.9	0.0	Re-sample.
VMP-48-30	6/18/2020	0903	-0.11	-0.20	0 0	0	6.0	16.1	0.0	0 0	0.0	0.0	
VMP-48-30	7/21/2020	0842	0.00	0.00	0 0	0	4.2	17.5	0.0	0 0	0.0	0.0	
VMP-48-30	8/20/2020	1105	0.00	0.00	0 0	0	5.6	16.0	0.0	0 0	0.0	0.0	
VMP-48-30	9/17/2020	1258	0.00	0.00	0 0	0	5.8	15.8	0.0	0 0	0.0	0.0	
VMP-48-30	10/27/2020	1106	0.13	0.12	0 0	0	6.1	15.5	0.0	0 0	0.0	0.0	
VMP-48-30	11/24/2020	1246	0.30	0.36	0 0	0	5.8	15.5	0.0	0 0	0.0	0.0	
VMP-48-30	12/17/2020	1120	-0.42	-0.17	0 0	0	6.2	15.2	0.0	0 0	0.0	0.0	
VMP-49-5	1/21/2020	1220	0.00	0.28	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-5	2/20/2020	1313	0.09	0.00	0 0	0	0.3	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-5	3/12/2020	858	0.11	0.00	0 0	0	2.4	17.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-5	4/21/2020	0945	-1.14	-1.07	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-49-5-Dup	4/21/2020	0945	NM	NM	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-49-5	5/21/2020	1024	-1.00	-0.97	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-49-5	6/18/2020	1040	-0.73	-0.81	0 0	0	1.1	20.0	0.1	0 0	0.0	0.0	
VMP-49-5	7/21/2020	0930	-2.48	-2.45	0 0	0	1.2	20.0	0.0	0 0	0.0	0.0	
VMP-49-5	7/31/2020	0912	-2.80	NM	0 0	0	0.7	20.3	0.1	0 0	0.0	0.0	
VMP-49-5	8/19/2020	0910	-2.55	-2.51	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-49-5	9/17/2020	1137	-2.13	-2.15	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-49-5	9/29/2020	1150	0.03	NM	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-49-5	10/6/2020	1342	0.08	NM	0 0	0	2.2	18.3	0.1	37.2	34.1	3.1	
VMP-49-5	10/8/2020	1156	0.00	NM	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	
VMP-49-5	10/13/2020	1344	0.10	NM	0 0	0	0.4	20.0	0.1	0 0	0.0	0.0	
VMP-49-5	10/20/2020	1343	0.00	NM	0 0	0	0.8	15.1	0.3	41.2	41.2	0.0	
VMP-49-5	10/27/2020	0935	0.00	0.04	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-49-5	10/27/2020	1145	0.00	NM	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	Re-sample.
VMP-49-5	11/24/2020	1103	-2.06	-2.14	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-49-5	12/17/2020	1113	-2.12	-2.08	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-10	1/21/2020	1223	0.10	0.22	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-10	2/20/2020	1314	-0.18	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-10	3/12/2020	859	0.00	0.00	0 0	0	0.8	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-10	4/21/2020	0946	-0.91	-0.81	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	
VMP-49-10	5/21/2020	1025	-0.83	-0.80	0 0	0	1.6	19.6	0.0	0 0	0.0	0.0	
VMP-49-10	6/18/2020	1041	-0.58	-0.64	0 0	0	2.3	19.4	0.2	0 0	0.0	0.0	
VMP-49-10	7/21/2020	0931	-1.63	-1.61	0 0	0	2.5	18.9	0.0	0 0	0.0	0.0	
VMP-49-10	7/31/2020	0914	-1.90	NM	0 0	0	2.0	19.3	0.1	0 0	0.0	0.0	
VMP-49-10	8/19/2020	0911	-1.61	-1.61	0 0	0	1.8	19.5	0.0	0 0	0.0	0.0	
VMP-49-10	9/17/2020	1138	-1.25	-1.26	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-49-10	9/29/2020	1152	0.02	NM	0 0	0	0.5	20.6	0.0	0 0	0.0	0.0	
VMP-49-10	10/6/2020	1344	0.06	NM	0 0	0	0.8	20.3	0.0	0 0	0.0	0.0	
VMP-49-10	10/8/2020	1158	0.00	NM	0 0	0	0.7	19.9	0.0	0 0	0.0	0.0	
VMP-49-10	10/13/2020	1336	0.00	NM	0 0	0	0.8	19.7	0.0	0 0	0.0	0.0	
VMP-49-10	10/20/2020	1337	0.00	NM	0 0	0	1.0	19.9	0.0	0 0	0.0	0.0	
VMP-49-10	10/27/2020	0936	0.00	0.07	0 0	0	1.0	19.6	0.0	0 0	0.0	0.0	
VMP-49-10	11/24/2020	1104	-1.32	-1.42	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-49-10	12/17/2020	1114	-1.47	-1.43	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-49-20	1/21/2020	1222	0.00	0.00	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-20	2/20/2020	1315	0.00	0.00	0 0	0	0.3	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-20	3/12/2020	900	0.00	0.00	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-20	4/21/2020	0947	-0.10	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-49-20	5/21/2020	1026	0.00	0.00	0 0	0	1.0	19.7	0.0	0 0	0.0	0.0	
VMP-49-20	6/18/2020	1042	0.00	-0.10	0 0	0	2.3	19.3	0.2	0 0	0.0	0.0	
VMP-49-20	7/21/2020	0932	-0.12	-0.10	0 0	0	2.5	18.8	0.0	0 0	0.0	0.0	
VMP-49-20	7/31/2020	0916	-0.21	NM	0 0	0	2.0	19.3	0.2	0 0	0.0	0.0	
VMP-49-20	8/19/2020	0912	0.00	-0.12	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	
VMP-49-20	8/19/2020	0912	NM	NM	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-49-20	9/17/2020	1139	0.00	-0.13	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-49-20	9/29/2020	1154	0.00	NM	0 0	0	1.6	18.6	0.0	0 0	0.0	0.0	
VMP-49-20	10/6/2020	1346	0.00	NM	0 0	0	1.5	19.4	0.0	0 0	0.0	0.0	
VMP-49-20	10/8/2020	1200	0.00	NM	0 0	0	1.8	17.6	0.0	0 0	0.0	0.0	
VMP-49-20	10/13/2020	1338	0.00	NM	0 0	0	2.0	17.8	0.1	0 0	0.0	0.0	
VMP-49-20	10/20/2020	1335	0.00	NM	0 0	0	1.9	18.4	0.0	0 0	0.0	0.0	
VMP-49-20	10/27/2020	0937	0.00	0.29	0 0	0	1.9	17.8	0.0	0 0	0.0	0.0	
VMP-49-20	11/24/2020	1105	0.00	-0.13	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-49-20	12/17/2020	1115	-0.18	-0.13	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-30	1/21/2020	1223	0.42	0.68	0 0	0	3.2	15.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-30	2/20/2020	1316	0.00	0.18	0 0	0	3.9	12.4	0.0	26.1	26.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-49-30	3/12/2020	901	0.44	0.24	0 0	0	6.8	10.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-49-30	4/21/2020	0947	-3.39	-3.24	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-49-30	5/21/2020	1027	-2.74	-2.67	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-49-30	6/18/2020	1043	-2.14	-2.33	0 0	0	1.2	19.9	0.2	0 0	0.0	0.0	
VMP-49-30	7/21/2020	0933	-11.25	-11.23	0 0	0	5.3	12.7	0.0	0 0	0.0	0.0	
VMP-49-30	7/31/2020	0918	-11.17	NM	0 0	0	8.4	12.9	0.2	0 0	0.0	0.0	
VMP-49-30	8/19/2020	0913	-12.04	-11.85	0 0	0	6.9	13.5	0.0	0 0	0.0	0.0	
VMP-49-30	9/17/2020	1140	-11.65	-11.58	0 0	0	6.6	13.5	0.0	0 0	0.0	0.0	
VMP-49-30	9/29/2020	1156	0.07	NM	0 0	0	4.6	15.3	0.3	0 0	0.0	0.0	
VMP-49-30	10/6/2020	1348	0.22	NM	13.6	OVR	8.6	5.1	231	20370	14860	5510	
VMP-49-30	10/8/2020	1202	0.00	NM	0 0	0	4.9	12.7	0.2	68.3	68.3	0.0	
VMP-49-30	10/13/2020	1340	0.32	NM	3 9	79	6.4	7.0	42.6	18040	15810	2230	
VMP-49-30	10/20/2020	1333	0.42	NM	OVR	OVR	8.4	3.7	532	102000	64660	37340	
VMP-49-30	10/27/2020	0938	-0.25	0.18	2 0	41	6.7	9.1	56.1	8530	6320	2210	Re-sampled to confirm initial sample.
VMP-49-30	10/27/2020	1146	0.00	NM	5.1	OVR	6.8	8.1	82.8	19430	14950	4480	Re-sample.
VMP-49-30	11/24/2020	1106	-11.59	-11.63	0 0	0	13 0	3.9	0.0	0 0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-49-30	11/24/2020	1230	-11.64	NM	0 0	0	13.1	4.3	0.1	0 0	0.0	0.0	Re-sample.
VMP-49-30	12/17/2020	1116	-10.89	-10.83	0 0	0	8.7	11.6	0.0	0 0	0.0	0.0	
VMP-50-5	1/21/2020	0945	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-5	2/20/2020	1230	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-5	3/12/2020	0905	0.00	0.00	0 0	0	0.3	20.4	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-5	4/21/2020	1050	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-50-5	5/21/2020	0850	-0.10	0.00	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-50-5	6/18/2020	1128	-0.12	0.00	0 0	0	1.4	19.7	0.0	0 0	0.0	0.0	
VMP-50-5	7/21/2020	0903	0.00	0.00	0 0	0	3.0	16.7	0.0	0 0	0.0	0.0	
VMP-50-5	8/19/2020	1136	0.00	0.00	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	
VMP-50-5	9/17/2020	1025	0.00	0.00	0 0	0	1.4	19.6	0.0	0 0	0.0	0.0	
VMP-50-5	9/29/2020	1315	0.00	NM	0 0	0	2.0	18.2	0.0	0 0	0.0	0.0	
VMP-50-5	10/6/2020	1457	0.00	NM	0 0	0	2.2	18.4	0.0	0 0	0.0	0.0	
VMP-50-5	10/13/2020	1324	0.00	NM	0 0	0	2.8	15.5	0.0	0 0	0.0	0.0	
VMP-50-5	10/27/2020	0927	0.00	0.00	0 0	0	2.9	16.0	0.0	0 0	0.0	0.0	
VMP-50-5	11/24/2020	0933	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-50-5	12/17/2020	0908	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-10	1/21/2020	0946	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-10	2/20/2020	1231	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-10	3/12/2020	0906	0.00	0.00	0 0	0	0.5	20.1	0.1	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-10	4/21/2020	1051	-0.06	-0.23	0 0	0	0.5	20.4	0.1	0 0	0.0	0.0	
VMP-50-10-Dup	4/21/2020	1051	NM	NM	0 0	0	0.5	20.4	0.1	0 0	0.0	0.0	Duplicate sample.
VMP-50-10	5/21/2020	0851	-0.34	-0.28	0 0	0	0.8	20.1	0.0	0 0	0.0	0.0	
VMP-50-10	6/18/2020	1130	-0.28	-0.26	0 0	0	1.6	19.3	0.0	0 0	0.0	0.0	
VMP-50-10	7/21/2020	0904	-0.17	-0.18	0 0	0	2.5	17.2	0.0	0 0	0.0	0.0	
VMP-50-10	8/19/2020	1137	-0.21	-0.20	0 0	0	2.1	18.9	0.0	0 0	0.0	0.0	
VMP-50-10	9/17/2020	1026	-0.15	-0.21	0 0	0	2.0	19.0	0.0	0 0	0.0	0.0	
VMP-50-10	9/29/2020	1317	0.01	NM	0 0	0	2.4	18.8	0.0	0 0	0.0	0.0	
VMP-50-10	10/6/2020	1459	0.00	NM	0 0	0	2.6	19.1	0.0	0 0	0.0	0.0	
VMP-50-10	10/13/2020	1326	0.00	NM	0 0	0	2.4	17.7	0.1	0 0	0.0	0.0	
VMP-50-10	10/27/2020	0928	0.00	0.00	0 0	0	2.8	16.7	0.0	0 0	0.0	0.0	
VMP-50-10	11/24/2020	0934	-0.28	-0.19	0 0	0	1.0	20.2	0.0	0 0	0.0	0.0	
VMP-50-10	12/17/2020	0909	-0.29	-0.29	0 0	0	0.8	20.3	0.0	0 0	0.0	0.0	
VMP-50-20	1/21/2020	0947	-0.12	0.00	0 0	0	2.3	19.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20	2/20/2020	1232	-0.22	0.00	0 0	0	2.2	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20-Dup	2/20/2020	1232	NM	NM	0 0	0	2.2	19.3	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-20	3/12/2020	0907	0.00	0.00	0 0	0	1.5	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-20	4/21/2020	1052	-0.33	0.00	0 0	0	0.9	20.1	0.0	0 0	0.0	0.0	
VMP-50-20	5/21/2020	0852	-1.26	-1.15	0 0	0	1.0	20.0	0.1	0 0	0.0	0.0	
VMP-50-20	6/18/2020	1132	-1.17	-1.11	0 0	0	1.2	19.8	0.0	0 0	0.0	0.0	
VMP-50-20	7/21/2020	0905	-1.16	-1.15	0 0	0	2.2	17.6	0.0	0 0	0.0	0.0	
VMP-50-20	8/19/2020	1138	-1.01	-0.98	0 0	0	2.1	18.8	0.0	0 0	0.0	0.0	
VMP-50-20	9/17/2020	1027	-0.92	-0.93	0 0	0	2.1	19.0	0.0	0 0	0.0	0.0	
VMP-50-20	9/29/2020	1319	-0.23	NM	0 0	0	3.3	17.9	0.0	0 0	0.0	0.0	
VMP-50-20	10/6/2020	1501	0.05	NM	0 0	0	3.6	18.2	0.0	0 0	0.0	0.0	
VMP-50-20	10/13/2020	1328	0.00	NM	0 0	0	3.3	17.7	0.0	0 0	0.0	0.0	
VMP-50-20	10/27/2020	0929	0.00	0.00	0 0	0	3.5	17.6	0.0	0 0	0.0	0.0	
VMP-50-20	11/24/2020	0935	-1.24	-1.08	0 0	0	1.7	20.0	0.0	0 0	0.0	0.0	
VMP-50-20	12/17/2020	0910	-1.40	-1.31	0 0	0	1.3	20.1	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-30	1/21/2020	0948	-0.23	0.00	0.1	2	1.9	19.4	16.4	106	28.6	77.4	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-30	2/20/2020	1233	-0.50	0.00	0 0	0	2.9	15.8	1.8	30.9	22.2	8.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-50-30	3/12/2020	0908	0.24	0.37	0 0	1	2.2	18.9	17.9	107	7.3	99.7	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-50-30	4/21/2020	1053	-1.16	-4.59	0 0	0	1.6	19.6	6.5	33.6	2.5	31.1	
VMP-50-30	5/21/2020	0853	-4.40	-4.18	0 0	0	1.3	19.7	6.6	39.4	3.7	35.7	
VMP-50-30	6/18/2020	1134	-3.71	0.00	0 0	1	1.5	19.2	11.3	66.1	5.9	60 2	
VMP-50-30-Dup	6/18/2020	1134	NM	NM	0 0	1	1.5	19.3	11.3	66.7	5.7	61 0	Duplicate sample.
VMP-50-30	7/21/2020	0906	-3.01	-2.97	0 0	0	1.6	18.9	0.7	9.7	4.8	4.9	
VMP-50-30	8/19/2020	1139	-2.90	-2.76	0 0	0	2.2	18.2	0.3	57.4	57.4	0.0	
VMP-50-30	9/17/2020	1028	-2.84	-2.66	0 0	0	2.6	18.1	0.8	198	198	0.0	
VMP-50-30-Dup	9/17/2020	1028	NM	NM	0 0	0	2.5	18.2	0.8	183	183	0.0	Duplicate sample.
VMP-50-30	9/29/2020	1321	0.30	NM	0 0	0	3.1	17.5	4.1	244	208	36 0	
VMP-50-30	10/6/2020	1503	0.20	NM	0 0	0	3.2	17.6	3.5	132	116	16 0	
VMP-50-30	10/13/2020	1330	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-50-30	10/27/2020	0930	-0.28	0.00	0 0	0	4.0	14.4	1.6	40.3	33.8	6.5	
VMP-50-30	11/24/2020	0936	-5.54	-5.47	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Ambient air inadvertently introduced to sample.
VMP-50-30	11/24/2020	1235	-5.30	NM	0 0	0	2.9	18.8	8.3	46.6	0.9	45.7	Re-sample.
VMP-50-30	12/17/2020	0911	-5.34	-5.25	0 0	0	1.8	19.8	4.2	31.5	0.7	30 8	
VMP-50-30-Dup	12/17/2020	0911	NM	NM	0 0	0	1.8	19.8	4.5	37.9	0.8	37.1	Duplicate sample.
VMP-51-5	1/21/2020	0820	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-5	2/20/2020	1015	0.00	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-5	3/11/2020	1427	0.00	0.00	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-5	4/21/2020	1323	0.00	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-51-5	5/21/2020	0755	-0.13	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-51-5	6/18/2020	1034	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-51-5	7/21/2020	0818	0.00	0.00	0 0	0	1.6	18.6	0.0	0 0	0.0	0.0	
VMP-51-5	8/19/2020	1242	0.00	0.00	0 0	0	2.4	19.0	0.0	0 0	0.0	0.0	
VMP-51-5	9/16/2020	1340	0.00	0.00	0 0	0	4.0	17.4	0.2	0 0	0.0	0.0	
VMP-51-5	10/27/2020	1010	0.00	0.00	0 0	0	3.4	17.6	0.0	0 0	0.0	0.0	
VMP-51-5	11/24/2020	0847	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-51-5	12/16/2020	1314	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_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-10	1/21/2020	0821	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-10	2/20/2020	1016	0.00	0.00	0 0	0	0.4	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-10	3/11/2020	1428	0.11	0.10	0 0	0	0.4	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-10	4/21/2020	1324	-0.09	0.00	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	
VMP-51-10	5/21/2020	0756	-0.22	-0.13	0 0	0	1.3	19.6	0.0	0 0	0.0	0.0	
VMP-51-10	6/18/2020	1036	-0.11	0.00	0 0	0	1.8	19.9	0.0	0 0	0.0	0.0	
VMP-51-10	7/21/2020	0819	0.00	0.00	0 0	0	2.4	18.2	0.0	0 0	0.0	0.0	
VMP-51-10	8/19/2020	1243	0.00	0.00	0 0	0	3.3	16.7	0.0	0 0	0.0	0.0	
VMP-51-10	9/16/2020	1341	0.00	0.00	0 0	0	3.8	17.4	0.0	0 0	0.0	0.0	
VMP-51-10	10/27/2020	1011	0.00	0.00	0 0	0	3.5	17.6	0.0	0 0	0.0	0.0	
VMP-51-10	11/24/2020	0848	0.00	0.00	0 0	0	1.6	20.3	0.0	0 0	0.0	0.0	
VMP-51-10	12/16/2020	1315	-0.19	0.00	0 0	0	0.9	20.4	0.0	0 0	0.0	0.0	
VMP-51-20	1/21/2020	0822	0.00	0.00	0 0	0	1.2	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-20	2/20/2020	1017	0.00	0.00	0 0	0	0.9	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-20	3/11/2020	1429	0.18	0.11	0 0	0	1.3	19.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-20	4/21/2020	1325	-0.27	0.00	0 0	0	1.0	20.0	0.0	0 0	0.0	0.0	
VMP-51-20-Dup	4/21/2020	1325	NM	NM	0 0	0	1.0	20.0	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-51-20	5/21/2020	0757	-0.48	-0.34	0 0	0	1.2	19.6	0.0	0 0	0.0	0.0	
VMP-51-20	6/18/2020	1038	-0.27	-0.31	0 0	0	1.5	19.2	0.0	0 0	0.0	0.0	
VMP-51-20	7/21/2020	0820	-0.13	0.00	0 0	0	2.1	18.7	0.0	0 0	0.0	0.0	
VMP-51-20	8/19/2020	1244	0.00	0.00	0 0	0	2.3	18.4	0.0	0 0	0.0	0.0	
VMP-51-20	9/16/2020	1342	0.00	0.00	0 0	0	2.6	17.8	0.1	0 0	0.0	0.0	
VMP-51-20	10/27/2020	1012	0.00	0.00	0 0	0	3.1	17.7	0.0	0 0	0.0	0.0	
VMP-51-20	11/24/2020	0849	0.00	0.00	0 0	0	2.7	19.2	0.0	0 0	0.0	0.0	
VMP-51-20	12/16/2020	1316	-0.25	-0.11	0 0	0	1.9	19.6	0.0	0 0	0.0	0.0	
VMP-51-30	1/21/2020	0823	0.00	0.00	0 0	0	2.0	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-30	2/20/2020	1018	0.00	-0.09	0 0	0	1.9	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-51-30	3/11/2020	1430	0.42	0.00	0 0	0	1.8	19.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-51-30	4/21/2020	1326	-0.27	0.00	0 0	0	1.6	19.7	0.0	0 0	0.0	0.0	
VMP-51-30	5/21/2020	0758	-0.48	-0.36	0 0	0	1.6	19.4	0.0	0 0	0.0	0.0	
VMP-51-30-Dup	5/21/2020	0758	NM	NM	0 0	0	1.6	19.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-51-30	6/18/2020	1040	-0.29	-0.31	0 0	0	1.5	19.2	0.0	0 0	0.0	0.0	
VMP-51-30	7/21/2020	0821	-0.13	0.00	0 0	0	2.0	18.8	0.0	0 0	0.0	0.0	
VMP-51-30	8/19/2020	1245	0.00	0.00	0 0	0	2.2	18.7	0.0	0 0	0.0	0.0	
VMP-51-30	9/16/2020	1343	0.00	0.00	0 0	0	2.4	17.9	0.0	0 0	0.0	0.0	
VMP-51-30	10/27/2020	1013	0.00	0.00	0 0	0	2.8	17.9	0.0	0 0	0.0	0.0	
VMP-51-30	11/24/2020	0850	0.00	0.00	0 0	0	2.8	18.3	0.0	0 0	0.0	0.0	
VMP-51-30	12/16/2020	1317	-0.17	-0.10	0 0	0	2.6	18.7	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-5	1/20/2020	1433	0.00	0.00	0 0	0	0.6	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-5	2/20/2020	0900	0.00	0.00	0 0	0	0.6	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-5	3/11/2020	1330	0.00	0.00	0 0	0	0.7	19.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-5	4/21/2020	1258	0.00	0.00	0 0	0	1.1	19.6	0.0	0 0	0.0	0.0	
VMP-52-5	5/20/2020	1245	-0.26	0.00	0 0	0	2.3	16.6	0.0	0 0	0.0	0.0	
VMP-52-5	6/18/2020	0955	0.00	0.00	0 0	0	3.0	18.8	0.0	0 0	0.0	0.0	
VMP-52-5	7/20/2020	1414	0.00	0.00	0 0	0	3.4	16.1	0.0	0 0	0.0	0.0	
VMP-52-5	8/19/2020	1354	0.00	0.00	0 0	0	4.1	16.8	0.0	0 0	0.0	0.0	
VMP-52-5	9/17/2020	1500	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-52-5	10/27/2020	1118	0.00	0.00	0 0	0	1.5	19.8	0.0	0 0	0.0	0.0	
VMP-52-5	11/23/2020	1420	0.00	0.00	0 0	0	0.9	20.0	0.0	0 0	0.0	0.0	
VMP-52-5	12/16/2020	1243	0.00	0.00	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	
VMP-52-10	1/20/2020	1434	-0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Sample not screened. Water in tedlar.
VMP-52-10	2/20/2020	0901	0.00	0.00	0 0	0	2.1	18.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-10	3/11/2020	1331	0.00	0.00	0 0	0	1.8	18.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-10	4/21/2020	1259	0.00	0.00	0 0	0	2.1	18.6	0.0	0 0	0.0	0.0	
VMP-52-10	5/20/2020	1246	-0.14	-0.58	0 0	0	1.6	16.8	0.1	0 0	0.0	0.0	
VMP-52-10	6/18/2020	0957	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-52-10	7/20/2020	1415	0.00	0.00	0 0	0	3.0	15.9	0.0	0 0	0.0	0.0	
VMP-52-10	8/19/2020	1355	0.00	0.00	0 0	0	4.2	14.2	0.0	0 0	0.0	0.0	
VMP-52-10	9/17/2020	1501	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-52-10	10/27/2020	1119	0.00	0.00	0 0	0	3.8	15.4	0.0	0 0	0.0	0.0	
VMP-52-10	11/23/2020	1421	0.00	0.00	0 0	0	3.3	16.6	0.0	0 0	0.0	0.0	
VMP-52-10	12/16/2020	1244	0.00	0.00	0 0	0	4.0	17.1	0.0	0 0	0.0	0.0	
VMP-52-20	1/20/2020	1435	0.00	0.00	0 0	0	1.6	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-20	2/20/2020	0902	-0.42	0.00	0 0	0	2.1	19.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-20	3/11/2020	1332	0.20	0.10	0 0	0	2.0	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-20	4/21/2020	1300	-0.42	-0.44	0 0	0	1.0	20.0	0.0	0 0	0.0	0.0	
VMP-52-20	5/20/2020	1247	-0.63	-0.42	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-52-20	6/18/2020	0959	-0.38	0.00	0 0	0	1.4	19.4	0.0	0 0	0.0	0.0	
VMP-52-20	7/20/2020	1416	0.10	0.00	0 0	0	2.0	19.1	0.0	0 0	0.0	0.0	
VMP-52-20	8/19/2020	1356	0.00	0.00	0 0	0	2.3	18.9	0.0	0 0	0.0	0.0	
VMP-52-20	9/17/2020	1502	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-52-20	10/27/2020	1120	0.00	0.00	0 0	0	2.7	18.1	0.0	0 0	0.0	0.0	
VMP-52-20	11/23/2020	1422	0.12	0.00	0 0	0	2.8	17.8	0.0	0 0	0.0	0.0	
VMP-52-20	12/16/2020	1245	0.00	0.00	0 0	0	2.9	17.6	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-30	1/20/2020	1436	0.00	0.00	0 0	0	1.9	19.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-30	2/20/2020	0903	-0.11	0.00	0 0	0	2.2	19.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-52-30	3/11/2020	1333	0.00	0.10	0 0	0	2.0	19.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-52-30	4/21/2020	1301	-0.40	-0.44	0 0	0	1.4	19.9	0.0	0 0	0.0	0.0	
VMP-52-30	5/20/2020	1248	0.00	-0.43	0 0	0	0.8	20.1	0.0	0 0	0.0	0.0	
VMP-52-30	6/18/2020	1001	-0.39	-0.43	0 0	0	1.5	19.5	0.0	0 0	0.0	0.0	
VMP-52-30	7/20/2020	1417	0.10	0.00	0 0	0	2.0	19.0	0.0	0 0	0.0	0.0	
VMP-52-30	8/19/2020	1357	0.10	0.10	0 0	0	2.2	18.9	0.0	0 0	0.0	0.0	
VMP-52-30	9/17/2020	1503	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Inaccessible due to construction activities.
VMP-52-30	10/27/2020	1121	0.00	0.00	0 0	0	2.5	18.2	0.0	0 0	0.0	0.0	
VMP-52-30	11/23/2020	1423	0.14	0.00	0 0	0	2.7	18.0	0.0	0 0	0.0	0.0	
VMP-52-30	12/16/2020	1246	0.00	0.00	0 0	0	2.8	17.6	0.0	0 0	0.0	0.0	
VMP-53-5	1/20/2020	1350	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-5	2/19/2020	1400	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-5	3/11/2020	1044	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-5	4/21/2020	1430	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-53-5	5/20/2020	1035	0.00	0.00	0 0	0	1.2	19.6	0.0	0 0	0.0	0.0	
VMP-53-5	6/18/2020	0856	0.00	0.00	0 0	0	1.5	19.9	0.0	0 0	0.0	0.0	
VMP-53-5	7/20/2020	1202	0.00	0.00	0 0	0	2.5	17.8	0.0	0 0	0.0	0.0	
VMP-53-5	8/20/2020	0913	0.00	0.00	0 0	0	3.7	16.4	0.0	0 0	0.0	0.0	
VMP-53-5	9/16/2020	1140	0.00	0.00	0 0	0	3.7	16.8	0.0	0 0	0.0	0.0	
VMP-53-5	10/26/2020	1230	0.00	0.00	0 0	0	1.0	20.1	0.0	0 0	0.0	0.0	
VMP-53-5	11/23/2020	1245	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-53-5	12/16/2020	1115	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-53-10	1/20/2020	1351	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-10	2/19/2020	1401	0.00	0.00	0 0	0	0.4	20.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-10	3/11/2020	1045	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-10	4/21/2020	1431	0.00	0.00	0 0	0	0.4	20.5	0.0	0 0	0.0	0.0	
VMP-53-10	5/20/2020	1036	0.00	0.00	0 0	0	0.8	19.9	0.0	0 0	0.0	0.0	
VMP-53-10	6/18/2020	0858	0.00	0.00	0 0	0	1.5	19.9	0.0	0 0	0.0	0.0	
VMP-53-10	7/20/2020	1203	0.00	0.00	0 0	0	2.0	18.2	0.2	0 0	0.0	0.0	
VMP-53-10	8/20/2020	0914	0.00	0.00	0 0	0	2.2	18.0	0.0	0 0	0.0	0.0	
VMP-53-10	9/16/2020	1141	0.00	0.00	0 0	0	3.2	17.0	0.0	0 0	0.0	0.0	
VMP-53-10	10/26/2020	1231	0.00	0.00	0 0	0	0.7	20.3	0.0	0 0	0.0	0.0	
VMP-53-10	11/23/2020	1246	0.00	0.00	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-53-10	12/16/2020	1116	0.43	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-20	1/20/2020	1352	0.00	0.00	0 0	0	1.2	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-20	2/19/2020	1402	0.00	0.00	0 0	0	1.6	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-20	3/11/2020	1046	0.00	0.00	0 0	0	1.4	20.0	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-20	4/21/2020	1432	-0.31	0.00	0 0	0	0.7	20.2	0.0	0 0	0.0	0.0	
VMP-53-20	5/20/2020	1037	-0.37	-0.40	0 0	0	1.0	19.7	0.0	0 0	0.0	0.0	
VMP-53-20	6/18/2020	0900	-0.19	-0.30	0 0	0	1.6	19.5	0.0	0 0	0.0	0.0	
VMP-53-20	7/20/2020	1204	0.00	0.00	0 0	0	1.8	18.5	0.3	0 0	0.0	0.0	
VMP-53-20	8/20/2020	0915	0.10	0.00	0 0	0	3.7	16.4	0.2	0 0	0.0	0.0	
VMP-53-20	9/16/2020	1142	0.00	0.00	0 0	0	2.2	17.9	0.0	0 0	0.0	0.0	
VMP-53-20	10/26/2020	1232	-0.14	0.00	0 0	0	1.4	19.8	0.0	0 0	0.0	0.0	
VMP-53-20	11/23/2020	1247	0.00	0.00	0 0	0	0.8	20.2	0.0	0 0	0.0	0.0	
VMP-53-20	12/16/2020	1117	-0.16	-0.10	0 0	0	0.6	20.6	0.0	0 0	0.0	0.0	
VMP-53-30	1/20/2020	1353	0.11	0.00	0 0	0	2.8	19.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-30	2/19/2020	1403	0.15	0.00	0 0	0	2.4	19.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-53-30	3/11/2020	1047	0.00	0.00	0 0	0	2.6	18.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-53-30	4/21/2020	1433	-0.31	-0.27	0 0	0	2.2	19.0	0.0	0 0	0.0	0.0	
VMP-53-30	5/20/2020	1038	-0.40	-0.65	0 0	0	2.1	18.6	0.0	0 0	0.0	0.0	
VMP-53-30	6/18/2020	0902	-0.21	-0.24	0 0	0	2.0	18.6	0.0	0 0	0.0	0.0	
VMP-53-30	7/20/2020	1205	0.00	0.00	0 0	0	2.1	18.2	0.2	0 0	0.0	0.0	
VMP-53-30-Dup	7/20/2020	1205	NM	NM	0 0	0	2.1	18.2	0.2	0 0	0.0	0.0	Duplicate sample.
VMP-53-30	8/20/2020	0916	0.10	0.00	0 0	0	2.1	18.2	0.3	0 0	0.0	0.0	
VMP-53-30	9/16/2020	1143	0.00	0.00	0 0	0	1.9	18.5	0.0	0 0	0.0	0.0	
VMP-53-30-Dup	9/16/2020	1143	NM	NM	0 0	0	2.2	18.0	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-53-30	10/26/2020	1233	-0.11	0.00	0 0	0	2.5	18.3	0.0	0 0	0.0	0.0	
VMP-53-30	11/23/2020	1248	0.00	-0.11	0 0	0	2.2	18.9	0.0	0 0	0.0	0.0	
VMP-53-30-Dup	11/23/2020	1248	NM	NM	0 0	0	2.2	18.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-53-30	12/16/2020	1118	-0.20	-0.11	0 0	0	2.1	19.3	0.0	0 0	0.0	0.0	
VMP-53-30-Dup	12/16/2020	1118	NM	NM	0 0	0	2.1	19.3	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-54-5	1/20/2020	1405	0.00	0.00	0 0	0	0.8	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-5	2/19/2020	1340	0.00	0.00	0 0	0	1.3	19.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-5	3/11/2020	1056	0.00	0.00	0 0	0	1.6	19.0	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-5	4/21/2020	1419	0.00	0.00	0 0	0	2.0	18.6	0.0	0 0	0.0	0.0	
VMP-54-5	5/20/2020	1050	0.00	0.00	0 0	0	2.6	17.5	0.0	0 0	0.0	0.0	
VMP-54-5	6/18/2020	0910	0.00	0.00	0 0	0	3.6	17.4	0.0	0 0	0.0	0.0	
VMP-54-5	7/20/2020	1333	0.00	0.00	0 0	0	3.9	16.6	0.0	0 0	0.0	0.0	
VMP-54-5	8/20/2020	0833	0.00	0.00	0 0	0	4.7	14.4	0.1	0 0	0.0	0.0	
VMP-54-5	9/16/2020	1208	0.00	0.00	0 0	0	4.7	15.4	0.0	0 0	0.0	0.0	
VMP-54-5	10/26/2020	1253	0.00	0.00	0 0	0	3.7	16.6	0.0	0 0	0.0	0.0	
VMP-54-5	11/23/2020	1305	0.00	0.00	0 0	0	3.2	17.7	0.0	0 0	0.0	0.0	
VMP-54-5	12/16/2020	1150	0.00	0.00	0 0	0	2.6	18.1	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-10	1/20/2020	1406	0.00	0.00	0 0	0	2.7	17.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10	2/19/2020	1341	0.00	0.00	0 0	0	2.1	18.3	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10-Dup	2/19/2020	1341	NM	NM	0 0	0	2.1	18.3	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-10	3/11/2020	1057	0.00	0.00	0 0	0	2.1	18.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-10	4/21/2020	1420	0.00	0.00	0 0	0	2.1	18.2	0.0	0 0	0.0	0.0	
VMP-54-10-Dup	4/21/2020	1420	NM	NM	0 0	0	2.1	18.3	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-54-10	5/20/2020	1051	0.00	0.00	0 0	0	2.2	17.9	0.0	0 0	0.0	0.0	
VMP-54-10	6/18/2020	0912	0.00	0.00	0 0	0	2.6	17.7	0.0	0 0	0.0	0.0	
VMP-54-10	7/20/2020	1334	0.00	0.00	0 0	0	2.9	17.3	0.0	0 0	0.0	0.0	
VMP-54-10	8/20/2020	0834	0.00	0.00	0 0	0	3.4	15.8	0.0	0 0	0.0	0.0	
VMP-54-10	9/16/2020	1209	0.00	0.00	0 0	0	3.8	15.5	0.0	0 0	0.0	0.0	
VMP-54-10	10/26/2020	1254	0.00	0.00	0 0	0	3.7	16.2	0.0	0 0	0.0	0.0	
VMP-54-10	11/23/2020	1306	0.00	0.00	0 0	0	3.4	17.0	0.0	0 0	0.0	0.0	
VMP-54-10	12/16/2020	1151	0.00	0.00	0 0	0	3.0	17.4	0.0	0 0	0.0	0.0	
VMP-54-20	1/20/2020	1407	0.00	0.00	0 0	0	2.4	18.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-20	2/19/2020	1342	-0.16	0.00	0 0	0	2.5	17.2	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-20	3/11/2020	1058	0.00	0.00	0 0	0	2.6	17.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-20	4/21/2020	1421	0.00	0.00	0 0	0	2.3	17.4	0.0	0 0	0.0	0.0	
VMP-54-20	5/20/2020	1052	0.00	0.00	0 0	0	2.1	17.5	0.0	0 0	0.0	0.0	
VMP-54-20	6/18/2020	0914	0.10	0.00	0 0	0	2.2	17.5	0.0	0 0	0.0	0.0	
VMP-54-20	7/20/2020	1335	0.10	0.00	0 0	0	2.6	16.9	0.0	0 0	0.0	0.0	
VMP-54-20	8/20/2020	0835	0.00	0.00	0 0	0	2.8	16.0	0.0	0 0	0.0	0.0	
VMP-54-20	9/16/2020	1210	0.00	0.00	0 0	0	3.1	15.4	0.0	0 0	0.0	0.0	
VMP-54-20	10/26/2020	1255	0.00	0.00	0 0	0	3.7	15.3	0.0	0 0	0.0	0.0	
VMP-54-20	11/23/2020	1307	-10.85	0.69	0 0	0	3.7	15.7	0.0	0 0	0.0	0.0	
VMP-54-20	12/16/2020	1152	0.00	0.30	0 0	0	3.5	16.1	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-30	1/20/2020	1408	0.00	0.00	0 0	0	0.5	19.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30-Dup	1/20/2020	1408	NM	NM	0 0	0	0.5	20.0	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30	2/19/2020	1343	0.00	0.00	0 0	0	0.2	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-54-30	3/11/2020	1059	0.00	0.00	0 0	0	0.5	19.5	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-54-30	4/21/2020	1422	0.00	0.00	0 0	0	1.1	19.7	0.0	0 0	0.0	0.0	
VMP-54-30	5/20/2020	1053	0.00	0.00	0 0	0	1.9	18.2	0.0	0 0	0.0	0.0	
VMP-54-30	6/18/2020	0916	0.00	0.00	0 0	0	3.7	17.6	0.0	0 0	0.0	0.0	
VMP-54-30	7/20/2020	1336	0.00	0.00	0 0	0	4.1	16.3	0.0	0 0	0.0	0.0	
VMP-54-30	8/20/2020	0836	0.00	0.00	0 0	0	4.2	15.3	0.0	0 0	0.0	0.0	
VMP-54-30	9/16/2020	1211	0.00	0.00	0 0	0	4.9	15.3	0.0	0 0	0.0	0.0	
VMP-54-30	10/26/2020	1256	0.00	0.00	0 0	0	2.9	17.3	0.0	0 0	0.0	0.0	
VMP-54-30	11/23/2020	1308	0.00	0.00	0 0	0	2.5	17.8	0.0	0 0	0.0	0.0	
VMP-54-30	12/16/2020	1153	0.00	0.00	0 0	0	1.4	19.1	0.0	0 0	0.0	0.0	
VMP-55-5	1/20/2020	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/19/2020	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/11/2020	1310	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/22/2020	0840	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/20/2020	0900	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/17/2020	0849	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	7/20/2020	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/20/2020	1148	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/16/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/26/2020	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/23/2020	1005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/16/2020	1025	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/20/2020	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/19/2020	1126	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/11/2020	1311	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2020	0901	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/17/2020	0851	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/20/2020	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/20/2020	1149	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2020	0949	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/26/2020	1034	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/23/2020	1006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/16/2020	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-20	1/20/2020	0947	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	2/19/2020	1127	-1.54	-0.52	7 5	OVR	19 3	0.9	125	87120	79420	7700	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-55-20-Dup	2/19/2020	1127	NM	NM	11.6	OVR	17.1	1.0	125	111000	101000	10000	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-55-20	3/11/2020	1312	0.73	0.64	4.4	88	18 8	0.9	49.5	46240	41010	5230	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-55-20	4/22/2020	0842	-3.18	-0.19	0 3	6	17.7	3.3	52.1	1670	1380	290	
VMP-55-20	5/20/2020	0902	-0.97	0.00	0 0	0	21 3	1.3	5.9	427	383	44 0	
VMP-55-20	6/17/2020	0853	-1.52	0.00	0 0	0	18 2	3.8	1.1	32.0	28.0	4.0	
VMP-55-20	7/20/2020	1040	-0.10	0.00	0 0	0	22 5	1.1	1.4	90.0	70.0	20 0	
VMP-55-20	8/20/2020	1150	0.26	0.00	0 0	0	21 5	1.8	1.6	161	161	0.0	
VMP-55-20-Dup	8/20/2020	1150	NM	NM	0 0	0	22 3	1.2	1.6	158	158	0.0	Duplicate sample.
VMP-55-20	9/16/2020	0950	0.34	0.00	0 0	0	17 5	5.0	0.1	9 0	9.0	0.0	
VMP-55-20	10/26/2020	1035	-1.21	-0.77	0 2	5	21 2	1.9	4.0	1990	1830	160	
VMP-55-20	11/23/2020	1007	-0.59	-0.54	7 9	OVR	18 9	0.3	107	64710	58270	6440	Re-sampled to confirm initial sample.
VMP-55-20	11/24/2020	1205	1.30	NM	5 0	OVR	18 5	0.7	113	39250	34810	4440	Re-sample.
VMP-55-20	12/16/2020	1028	-0.13	0.12	5.1	OVR	18 5	0.8	74.8	43580	38730	4850	
VMP-55-30	1/20/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/19/2020	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/11/2020	1313	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/22/2020	0843	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/20/2020	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/17/2020	0855	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/20/2020	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/20/2020	1151	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2020	0951	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/26/2020	1036	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/23/2020	1008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/16/2020	1029	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-10	1/21/2020	1030	0.00	0.00	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-10	2/20/2020	1255	0.00	0.13	0 0	0	1.0	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-10	3/12/2020	949	0.19	0.00	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-10-Dup	3/12/2020	949	NM	NM	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-10	4/21/2020	1009	-2.30	-0.55	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-56-10	5/21/2020	1025	-2.27	-2.24	0 0	0	0.5	20.4	0.2	0 0	0.0	0.0	
VMP-56-10	6/18/2020	1100	-1.45	-1.87	0 0	0	0.5	20.6	0.0	0 0	0.0	0.0	
VMP-56-10	7/21/2020	0945	-3.98	-3.90	0 0	0	1.1	19.4	0.0	0 0	0.0	0.0	
VMP-56-10	7/31/2020	0837	-3.48	NM	0 0	0	0.6	20.3	0.3	0 0	0.0	0.0	
VMP-56-10	8/19/2020	1017	-3.48	-3.48	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	
VMP-56-10	9/17/2020	0839	-2.96	-2.95	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-56-10	9/29/2020	1310	-0.03	NM	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-56-10	10/6/2020	1425	0.00	NM	0 0	0	0.6	20.1	0.0	11.8	11.7	0.1	
VMP-56-10	10/7/2020	1420	0.00	NM	0 0	0	0.6	19.5	0.1	10.2	9.7	0.5	
VMP-56-10	10/13/2020	1426	-0.23	NM	0 0	0	0.7	19.1	0.1	8 5	8.5	0.0	
VMP-56-10	10/20/2020	1256	-0.11	NM	0 0	0	1.1	18.8	0.0	6 2	6.2	0.0	
VMP-56-10	10/27/2020	0840	0.00	0.00	0 0	0	1.3	18.4	0.1	0 0	0.0	0.0	
VMP-56-10	11/24/2020	1021	-3.45	-3.73	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-56-10	12/17/2020	1003	-3.86	-3.90	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-56-25	1/21/2020	1031	0.00	0.00	0 0	0	0.7	20.4	0.5	1 6	0.0	1.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-25	2/20/2020	1256	0.12	0.12	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-56-25	3/12/2020	950	0.35	0.20	0 0	0	0.8	20.2	0.4	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-56-25	4/21/2020	1010	-4.45	-1.09	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-56-25	5/21/2020	1026	-4.06	-4.00	0 0	0	0.7	20.1	0.3	0 0	0.0	0.0	
VMP-56-25	6/18/2020	1101	-3.89	-3.95	0 0	0	0.2	19.8	2.0	3 9	0.0	3.9	
VMP-56-25	7/21/2020	0946	-7.81	-7.73	0 0	0	1.1	20.1	0.4	0 0	0.0	0.0	
VMP-56-25	7/31/2020	0840	-8.74	NM	0 0	0	0.6	20.2	0.2	16.1	16.1	0.0	
VMP-56-25	8/19/2020	1018	-7.90	-7.93	0 0	0	0.6	20.1	0.4	3 6	3.6	0.0	
VMP-56-25	9/17/2020	0840	-8.03	-7.43	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-56-25	9/29/2020	1312	0.02	NM	0 0	0	0.6	19.8	0.1	18.0	17.2	0.8	
VMP-56-25	10/6/2020	1427	0.00	NM	0 0	0	0.9	18.7	0.2	41.8	38.6	3.2	
VMP-56-25	10/7/2020	1421	0.23	NM	0 0	0	0.9	18.6	0.9	38.7	33.1	5.6	
VMP-56-25	10/13/2020	1430	0.34	NM	0 0	0	1.3	17.0	0.3	30.2	29.7	0.5	
VMP-56-25	10/20/2020	1302	0.48	NM	0 0	0	1.7	16.4	0.3	15.6	14.2	1.4	
VMP-56-25	10/27/2020	0841	-0.14	-0.03	0 0	0	2.2	15.6	0.6	8.4	7.9	0.5	
VMP-56-25	11/24/2020	1022	-8.30	-8.14	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-56-25	12/17/2020	1004	-8.09	-8.11	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-38.5	1/21/2020	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	2/20/2020	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	3/12/2020	951	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	4/21/2020	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	5/21/2020	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	6/18/2020	1102	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	7/21/2020	0948	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	7/31/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/19/2020	1019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/17/2020	0841	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/6/2020	1429	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/7/2020	1422	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/13/2020	1431	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/13/2020	1432	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/20/2020	1304	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/27/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	11/24/2020	1023	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	12/17/2020	1005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5A	1/21/2020	0824	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-57-5A	2/19/2020	1437	0.00	0.10	0 0	0	0.3	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-5A-Dup	2/19/2020	1437	NM	NM	0 0	0	0.3	19.9	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-5A	3/11/2020	1307	0.00	0.00	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-57-5A	4/20/2020	1300	-0.30	-0.27	0 0	0	0.1	20.8	0.1	0 0	0.0	0.0	
VMP-57-5A	5/20/2020	1251	0.00	-0.32	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-57-5A	6/17/2020	1210	-0.71	-0.15	0 0	0	0.5	20.3	0.3	0 0	0.0	0.0	
VMP-57-5A	7/20/2020	1226	0.00	0.00	0 0	0	1.8	17.8	0.0	0 0	0.0	0.0	
VMP-57-5A	8/19/2020	1423	0.00	0.00	0 0	0	2.8	15.2	0.5	0 0	0.0	0.0	
VMP-57-5A	9/16/2020	1300	0.00	0.00	0 0	0	3.8	13.3	0.0	0 0	0.0	0.0	
VMP-57-5A	10/26/2020	1353	0.00	-0.06	0 0	0	3.7	13.6	0.0	0 0	0.0	0.0	
VMP-57-5A	11/24/2020	1245	-0.08	0.22	0 0	0	3.2	15.3	0.0	0 0	0.0	0.0	
VMP-57-5A	12/16/2020	1416	-0.11	-0.12	0 0	0	1.1	20.4	0.0	0 0	0.0	0.0	
VMP-57-10	1/21/2020	0825	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-57-10	2/19/2020	1438	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	3/11/2020	1308	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	4/20/2020	1301	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	5/20/2020	1250	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	6/17/2020	1211	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	7/20/2020	1227	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	8/19/2020	1424	0.16	0.00	0 0	0	1.7	18.1	0.0	0 0	0.0	0.0	
VMP-57-10	9/16/2020	1301	0.21	0.11	0 0	0	2.3	16.8	0.0	0 0	0.0	0.0	
VMP-57-10	10/26/2020	1353	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	11/24/2020	1246	0.38	0.02	0 0	0	2.7	16.0	0.0	0 0	0.0	0.0	
VMP-57-10	12/16/2020	1418	-0.25	-0.68	0 0	0	1.0	20.5	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-20	1/21/2020	0826	-1.60	-0.13	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-20	2/19/2020	1439	0.20	0.12	0 0	0	0.5	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-57-20	3/11/2020	1309	0.00	0.00	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-57-20	4/20/2020	1302	-0.44	-0.36	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-57-20	5/20/2020	1252	-1.62	-0.42	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-57-20	6/17/2020	1212	-1.13	-0.35	0 0	0	0.6	20.6	0.3	0 0	0.0	0.0	
VMP-57-20	7/20/2020	1228	-0.49	0.00	0 0	0	1.5	18.0	0.0	0 0	0.0	0.0	
VMP-57-20	8/19/2020	1425	0.00	0.00	0 0	0	2.3	17.2	0.0	0 0	0.0	0.0	
VMP-57-20	9/16/2020	1302	0.00	-0.36	0 0	0	2.7	15.4	0.2	0 0	0.0	0.0	
VMP-57-20	10/26/2020	1354	-0.93	-0.35	0 3	6	3.6	12.6	0.0	2820	2670	250	
VMP-57-20	11/24/2020	1247	-0.03	0.17	0 0	0	2.5	16.5	0.0	0 0	0.0	0.0	
VMP-57-20	12/16/2020	1420	-3.04	-0.26	0 0	0	1.2	20.4	0.0	0 0	0.0	0.0	
VMP-58-5	1/21/2020	0819	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-5	2/19/2020	1421	0.36	0.22	0 0	0	0.1	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-5	3/11/2020	1254	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-5	4/20/2020	1307	-2.68	-2.64	0 0	0	0.0	20.9	0.2	0 0	0.0	0.0	
VMP-58-5	5/20/2020	1237	-3.36	-3.20	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-58-5	6/17/2020	1225	-2.44	-2.39	0 0	0	0.1	20.7	0.5	0 0	0.0	0.0	
VMP-58-5	7/20/2020	1214	-0.28	0.00	0 0	0	0.0	20.9	0.5	1 3	0.0	1.3	
VMP-58-5	8/19/2020	1406	0.00	0.00	0 0	0	1.6	16.3	0.3	0 0	0.0	0.0	
VMP-58-5	9/16/2020	1225	0.09	0.00	0 0	0	2.2	13.7	0.2	0 0	0.0	0.0	
VMP-58-5	10/26/2020	1335	0.03	-0.09	0 0	0	2.7	14.8	0.0	0 0	0.0	0.0	
VMP-58-5	11/23/2020	1415	0.17	0.17	0 0	0	2.7	13.9	0.0	0 0	0.0	0.0	
VMP-58-5	12/16/2020	1402	-0.79	-0.64	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-58-10	1/21/2020	0820	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-10	2/19/2020	1422	0.41	0.15	0 0	0	0.1	19.1	0.2	3.4	3.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-10	3/11/2020	1255	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-10	4/20/2020	1308	-3.40	-3.30	0 0	0	0.0	20.9	0.2	0 0	0.0	0.0	
VMP-58-10	5/20/2020	1238	-4.16	-4.01	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-58-10-Dup	5/20/2020	1238	NM	NM	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-58-10	6/17/2020	1226	-4.22	-3.10	0 0	0	0.0	20.9	0.0	0.7	0.0	0.7	
VMP-58-10	7/20/2020	1215	0.00	0.00	0 0	0	0.2	19.5	0.4	0 0	0.0	0.0	
VMP-58-10	8/19/2020	1407	0.00	0.00	0 0	0	1.3	17.0	0.3	0 0	0.0	0.0	
VMP-58-10	9/16/2020	1226	0.00	0.00	0 0	0	2.0	14.6	0.3	0 0	0.0	0.0	
VMP-58-10	10/26/2020	1336	0.04	-0.12	0 0	0	2.7	13.3	0.0	0 0	0.0	0.0	
VMP-58-10	11/23/2020	1416	0.21	0.00	0 0	0	3.2	12.5	0.0	0 0	0.0	0.0	
VMP-58-10	12/16/2020	1404	-1.03	-0.79	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-20	1/21/2020	0821	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-20	2/19/2020	1423	0.00	0.00	0 0	0	0.3	20.4	0.1	3.1	3.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-20	3/11/2020	1256	-1.17	0.00	0 0	0	0.1	20.8	0.2	0 6	0.5	0.1	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-20	4/20/2020	1309	-3.80	-0.33	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-58-20	5/20/2020	1239	-2.46	-0.43	0 0	0	0.0	20.9	0.2	0 0	0.0	0.0	
VMP-58-20	6/17/2020	1227	-5.66	-2.35	0 0	0	0.3	20.4	0.9	0 0	0.0	0.0	
VMP-58-20	7/20/2020	1216	0.00	0.00	0 0	0	1.6	17.3	0.8	0 0	0.0	0.0	
VMP-58-20	8/19/2020	1408	0.00	0.00	0 0	0	3.0	15.2	0.3	0 0	0.0	0.0	
VMP-58-20	9/16/2020	1227	-0.09	0.21	0 0	0	3.2	13.7	0.6	0 0	0.0	0.0	
VMP-58-20	10/26/2020	1337	-0.20	-0.13	0 0	0	3.6	12.4	0.3	0 0	0.0	0.0	
VMP-58-20	11/23/2020	1417	0.27	0.37	0 0	0	4.0	11.5	0.1	0 0	0.0	0.0	
VMP-58-20	12/16/2020	1406	-1.23	-1.07	0 0	0	1.4	20.0	0.0	0 0	0.0	0.0	
VMP-58-30	1/21/2020	0822	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled. VMP encased in ice.
VMP-58-30	2/19/2020	1426	0.40	0.23	0 0	0	6.4	13.1	1.5	3 9	2.7	1.2	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-58-30	3/11/2020	1257	0.00	0.00	0 0	0	11 3	1.6	19.1	43.0	2.0	41 0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-58-30	4/20/2020	1310	-8.28	-8.06	27.1	OVR	4.6	12.7	1137	21140	10740	10400	
VMP-58-30	5/20/2020	1240	-13.68	-9.06	86.1	OVR	12 9	0.7	1591	40490	16980	23510	
VMP-58-30	6/17/2020	1228	-9.49	-7.96	OVR	OVR	10 9	2.7	1637	45910	16640	29270	
VMP-58-30	7/20/2020	1217	0.00	0.00	0 0	0	12.4	2.4	6.7	110	0.0	110	
VMP-58-30	8/19/2020	1409	-0.15	0.00	0 0	0	10.1	6.1	1.4	1 0	0.0	1.0	
VMP-58-30	9/16/2020	1228	0.00	0.00	0 0	0	9.5	5.8	0.5	6 0	6.0	0.0	
VMP-58-30-Dup	9/16/2020	1228	NM	NM	0 0	0	9.6	5.8	0.5	6 0	6.0	0.0	Duplicate sample.
VMP-58-30	10/26/2020	1337	0.05	0.63	0 0	0	9.5	4.6	0.0	0 0	0.0	0.0	
VMP-58-30	11/23/2020	1418	0.10	0.21	0 0	0	9.5	4.1	0.1	17.0	17.0	0.0	
VMP-58-30	12/16/2020	1408	-1.03	-1.23	0 0	0	2.9	18.4	0.1	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-5	1/21/2020	0810	-0.45	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-5	2/19/2020	1405	0.00	0.13	0 0	0	0.1	20.4	0.0	7.4	7.4	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-5	3/11/2020	1240	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-5	4/20/2020	1320	-1.23	-1.20	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-5	5/20/2020	1227	3.90	-1.65	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-5	6/17/2020	1240	-1.05	-1.02	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-59-5	7/20/2020	1133	-0.18	0.00	0 0	0	0.4	19.5	0.3	0 0	0.0	0.0	
VMP-59-5	8/19/2020	1352	0.00	0.00	0 0	0	1.4	18.2	0.2	123	123	0.0	Re-sampled to confirm initial sample.
VMP-59-5	8/20/2020	1436	0.10	NM	0 2	4	1.5	17.2	2.6	1013	971	42 0	Re-sample.
VMP-59-5	9/16/2020	1205	0.00	0.00	0 0	0	1.8	17.0	0.1	5 8	5.8	0.0	Re-sampled to confirm initial sample.
VMP-59-5	9/17/2020	0900	0.00	NM	0 0	0	2.1	16.7	0.3	177	177	0.0	Re-sample.
VMP-59-5	10/26/2020	1320	0.00	0.33	0 0	0	2.2	15.6	0.8	44.7	37.9	6.8	
VMP-59-5	11/23/2020	1400	0.05	0.09	0 0	0	2.1	15.9	0.1	1.1	1.1	0.0	
VMP-59-5	11/30/2020	1015	-0.58	NM	0 0	0	2.5	15.5	0.9	2 6	0.1	2.5	
VMP-59-5	12/3/2020	1150	-0.93	NM	0 0	0	1.1	20.6	1.1	3.4	0.0	3.4	
VMP-59-5	12/8/2020	1330	-0.82	NM	0 0	0	0.1	20.7	0.1	0 0	0.0	0.0	
VMP-59-5	12/16/2020	1348	-0.81	-0.97	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-10	1/21/2020	0811	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-59-10	2/19/2020	1406	0.00	0.14	0 0	0	0.1	20.4	0.0	2 6	2.6	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-10	3/11/2020	1241	-0.46	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-10	4/20/2020	1321	-1.26	-1.30	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-10	5/20/2020	1228	1.75	-1.65	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-10	6/17/2020	1241	-1.18	-1.15	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-59-10	7/20/2020	1134	0.00	0.00	0 0	0	0.2	20.2	0.2	0 0	0.0	0.0	
VMP-59-10	8/19/2020	1353	0.00	0.00	0 0	0	0.9	18.8	0.3	8.4	8.4	0.0	
VMP-59-10	9/16/2020	1206	0.00	0.00	0 0	0	1.2	17.3	0.3	18.2	18.2	0.0	Re-sampled to confirm initial sample.
VMP-59-10	9/17/2020	0901	-1.60	NM	0 0	0	1.4	17.3	0.3	21.1	18.8	2.3	Re-sample.
VMP-59-10	10/26/2020	1321	0.00	-0.06	0 0	0	1.8	15.6	0.3	23.1	21.2	1.9	
VMP-59-10	11/23/2020	1401	-0.18	-0.15	0 0	0	1.9	15.0	0.0	2.1	2.1	0.0	
VMP-59-10-Dup	11/23/2020	1401	NM	NM	0 0	0	1.9	15.2	0.0	2 8	2.8	0.0	Duplicate sample.
VMP-59-10	11/30/2020	1016	-0.59	NM	0 0	0	2.1	15.1	0.9	7 0	3.0	4.0	
VMP-59-10	12/3/2020	1151	-1.12	NM	0 0	0	0.6	20.8	0.9	4 3	0.0	4.3	
VMP-59-10	12/8/2020	1331	-1.07	NM	0 0	0	0.1	20.7	0.2	0 0	0.0	0.0	
VMP-59-10	12/16/2020	1350	-1.06	-1.08	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-20	1/21/2020	0812	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-20	2/19/2020	1407	0.31	0.23	0 0	0	0.1	19.9	0.1	6 2	5.7	0.5	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-20	3/11/2020	1242	0.14	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-20	4/20/2020	1322	-5.19	-5.14	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-59-20	5/20/2020	1229	-6.04	-5.85	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-59-20	6/17/2020	1242	-4.91	-4.87	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	
VMP-59-20	7/20/2020	1135	0.00	0.00	0 0	0	0.4	19.7	0.2	0 0	0.0	0.0	
VMP-59-20	8/19/2020	1354	0.00	0.00	0 0	0	0.3	19.0	0.4	14.7	14.7	0.0	
VMP-59-20	9/16/2020	1207	-30.33	0.35	0 0	0	0.4	16.0	0.2	127	127	0.0	Re-sampled to confirm initial sample.
VMP-59-20	9/17/2020	0902	-0.14	NM	0 0	0	0.6	15.7	0.3	115	115	0.0	Re-sample.
VMP-59-20	10/26/2020	1322	0.00	0.34	0 0	0	1.6	10.8	0.1	8 0	8.0	0.0	
VMP-59-20	11/23/2020	1402	0.26	0.24	0 0	0	3.0	7.1	0.0	9 0	9.0	0.0	
VMP-59-20	11/30/2020	1017	-0.13	NM	0 0	0	3.1	10.1	0.6	21.0	0.0	21 0	
VMP-59-20	12/3/2020	1152	-5.29	NM	0 0	0	1.8	19.1	1.2	4.1	0.0	4.1	
VMP-59-20	12/8/2020	1332	-4.81	NM	0 0	0	0.7	20.6	0.2	0 0	0.0	0.0	
VMP-59-20	12/16/2020	1352	-4.53	-4.47	0 0	0	0.3	20.7	0.0	0 0	0.0	0.0	
VMP-59-30	1/21/2020	0814	0.00	0.00	0 0	0	0.9	20.2	0.0	1.1	1.1	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30-Dup	1/21/2020	0814	NM	NM	0 0	0	0.8	20.3	0.0	1 3	1.3	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30	2/19/2020	1406	0.25	0.19	0 0	1	2.5	14.2	0.1	396	396	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-59-30	3/11/2020	1243	0.00	0.00	0 0	0	1.6	19.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-59-30	4/20/2020	1323	-4.37	-4.41	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-59-30	5/20/2020	1230	-5.42	-5.69	0 0	0	0.9	20.0	0.0	0 0	0.0	0.0	
VMP-59-30	6/17/2020	1243	-4.25	-4.34	0 0	0	0.6	19.9	0.3	0 0	0.0	0.0	
VMP-59-30	7/20/2020	1136	0.00	0.00	0 0	0	1.0	18.2	0.3	0 0	0.0	0.0	
VMP-59-30	8/19/2020	1355	0.41	0.00	31.9	OVR	6.7	3.9	237	44610	31640	12970	
VMP-59-30	9/16/2020	1208	0.00	0.00	OVR	OVR	5.2	6.8	247	116000	84160	31840	Re-sampled to confirm initial sample.
VMP-59-30	9/17/2020	0902	-0.14	NM	23.8	OVR	4.8	8.2	234	37280	26180	11100	Re-sample.
VMP-59-30	10/26/2020	1323	0.00	0.23	19.0	OVR	3.4	12.8	184	35450	25620	9830	
VMP-59-30-Dup	10/26/2020	1323	NM	NM	17.5	OVR	3.3	13.2	184	34160	24590	9570	Duplicate sample.
VMP-59-30	11/23/2020	1403	-0.03	0.10	45.5	OVR	3.6	13.1	258	60880	43520	17360	
VMP-59-30	11/30/2020	1018	-0.29	NM	23.2	OVR	3.7	12.8	275	35070	24920	10150	
VMP-59-30	12/3/2020	1153	-1.05	NM	0 0	0	1.3	20.5	1.6	9 2	0.0	9.2	
VMP-59-30	12/8/2020	1333	-1.28	NM	0 0	0	0.3	20.6	0.2	0 0	0.0	0.0	
VMP-59-30	12/16/2020	1354	-0.66	-2.16	0 0	0	0.2	20.8	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-5	1/20/2020	1230	0.00	0.00	0 0	0	0.5	20.4	0.6	22.1	19.5	2.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-5	1/20/2020	1437	0.00	NM	0 0	0	0.5	20.6	0.2	8 5	7.3	1.2	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-5	2/19/2020	1258	0.15	0.11	0 0	0	0.2	19.7	0.3	2 3	0.9	1.4	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-5	3/11/2020	0910	0.00	0.00	11.8	OVR	1.1	17.6	445	21600	15375	6225	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-5	3/12/2020	1058	0.00	NM	0 0	0	0.5	20.1	4.7	95.8	76.2	19 6	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-5	4/20/2020	1100	-0.49	-0.58	0 0	0	0.2	20.7	0.2	0 0	0.0	0.0	
VMP-60-5	5/20/2020	1111	-0.81	-0.75	0 0	0	0.3	20.5	0.1	0 0	0.0	0.0	
VMP-60-5	6/17/2020	1025	-0.26	-0.39	0 0	0	0.6	20.6	0.2	0 0	0.0	0.0	
VMP-60-5	7/20/2020	0831	-0.25	0.00	0 0	0	1.2	16.2	0.0	0 0	0.0	0.0	
VMP-60-5	8/19/2020	1117	0.00	0.00	0 0	0	2.2	7.8	0.0	17.0	13.0	4.0	
VMP-60-5	9/16/2020	1047	0.00	0.00	0 0	0	2.4	12.8	0.1	10.0	10.0	0.0	
VMP-60-5	10/26/2020	1055	0.00	0.03	0 0	0	2.7	8.9	0.0	6 0	6.0	0.0	
VMP-60-5	11/23/2020	1200	0.35	-0.29	9 2	OVR	5.8	6.0	172	25320	19390	5930	Re-sampled to confirm initial sample.
VMP-60-5	11/24/2020	1130	-0.29	NM	22.8	OVR	3.6	13.0	238	49740	37170	12570	Re-sample.
VMP-60-5	11/30/2020	0937	-0.40	NM	35.9	OVR	7.0	1.6	495	40650	28610	12040	
VMP-60-5	12/3/2020	1052	-0.52	NM	0 0	0	2.7	18.5	5.1	31.2	0.0	31 2	
VMP-60-5	12/8/2020	1250	-0.44	NM	0 0	0	1.5	20.4	2.2	10.1	0.0	10.1	
VMP-60-5	12/16/2020	1146	-0.26	-0.20	0 0	0	0.9	20.6	1.7	7 6	0.0	7.6	
VMP-60-10	1/20/2020	1231	0.00	0.00	0 0	0	0.5	20.2	2.1	83.6	78.3	5.3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	1/20/2020	1438	0.00	NM	0 0	1	0.5	20.4	1.7	56.4	51.2	5.2	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	2/19/2020	1259	0.00	0.11	0 0	0	0.2	19.7	0.2	0 6	0.0	0.6	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-10	3/11/2020	0911	0.00	0.00	5 8	OVR	0.5	18.9	339	12500	7879	4621	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-10	3/12/2020	1059	0.00	NM	0 0	1	0.7	19.8	10.2	257	112	145	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-10	4/20/2020	1101	-0.37	-0.98	0 0	0	0.2	20.7	0.2	0 0	0.0	0.0	
VMP-60-10	5/20/2020	1112	-0.68	-0.62	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-60-10	6/17/2020	1026	-0.24	-0.80	0 0	0	0.6	20.0	0.2	0 0	0.0	0.0	
VMP-60-10	7/20/2020	0832	-0.21	0.00	0 0	0	1.0	16.9	0.0	0 0	0.0	0.0	
VMP-60-10	8/19/2020	1118	0.00	0.00	0 0	0	2.2	8.4	0.2	34.0	26.0	8.0	
VMP-60-10	9/16/2020	1048	0.00	0.00	0 0	0	2.7	9.5	0.0	12.0	12.0	0.0	
VMP-60-10	10/26/2020	1056	0.00	0.47	0 0	0	2.6	9.0	0.0	5 0	5.0	0.0	
VMP-60-10	11/23/2020	1201	0.05	-0.31	42.9	OVR	5.8	2.9	315	71780	49940	21840	Re-sampled to confirm initial sample.
VMP-60-10	11/24/2020	1131	0.13	NM	OVR	OVR	6.5	6.2	363	345000	221000	124000	Re-sample.
VMP-60-10	11/30/2020	0938	-0.85	NM	30.9	OVR	5.9	4.1	512	34440	20320	14120	
VMP-60-10	12/3/2020	1053	-0.48	NM	0 0	0	2.6	19.2	15.8	98.6	0.0	98 6	
VMP-60-10	12/8/2020	1251	-0.38	NM	0 0	0	1.4	20.4	7.2	38.1	0.0	38.1	
VMP-60-10	12/16/2020	1148	-0.31	-0.17	0 0	0	0.8	20.5	3.8	17.4	0.0	17.4	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-20	1/20/2020	1232	0.09	0.00	0 0	0	0.4	20.4	0.2	4 6	3.9	0.7	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	1/20/2020	1439	0.00	NM	0 0	0	0.4	20.5	0.3	2.4	1.8	0.6	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	2/19/2020	1300	0.15	0.10	0 0	0	0.3	19.7	0.1	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-20	3/11/2020	0912	0.00	0.00	3.7	74	0.6	19.1	302	8124	5181	2943	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20-Dup	3/11/2020	0912	NM	NM	3 6	73	0.6	19.1	302	8022	5061	2961	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20	3/12/2020	1100	0.00	NM	0 0	0	0.6	20.0	3.9	50.5	33.7	16 8	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-20	4/20/2020	1102	-0.98	-0.96	0 0	0	0.3	20.6	0.3	0 0	0.0	0.0	
VMP-60-20	5/20/2020	1113	-0.82	-1.25	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	
VMP-60-20-Dup	5/20/2020	1113	NM	NM	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-60-20	6/17/2020	1029	-1.46	-0.80	0 0	0	0.6	19.9	0.4	0 0	0.0	0.0	
VMP-60-20	7/20/2020	0833	0.00	0.00	0 0	0	0.9	17.3	0.1	0 0	0.0	0.0	
VMP-60-20	8/19/2020	1118	0.00	0.00	0 0	0	1.5	12.3	0.1	4 2	4.2	0.0	
VMP-60-20	9/16/2020	1049	0.00	0.00	0 0	0	2.2	12.0	0.1	12.0	12.0	0.0	
VMP-60-20	10/26/2020	1057	-0.02	0.59	0 0	0	2.4	10.9	0.0	3 0	3.0	0.0	
VMP-60-20	11/23/2020	1202	0.04	0.08	6 2	OVR	4.8	6.3	126	21180	16950	4230	Re-sampled to confirm initial sample.
VMP-60-20	11/24/2020	1132	-0.22	NM	OVR	OVR	4.4	11.0	343	137000	104000	33000	Re-sample.
VMP-60-20	11/30/2020	0939	-0.05	NM	5.1	OVR	4.9	7.0	261	11310	6950	4360	
VMP-60-20	12/3/2020	1054	-0.96	NM	0 0	0	2.6	18.1	2.9	16.5	0.0	16 5	
VMP-60-20	12/8/2020	1252	-0.76	NM	0 0	0	1.7	20.1	2.2	14.8	0.0	14 8	
VMP-60-20	12/16/2020	1150	-0.43	-0.35	0 0	0	1.2	20.4	1.2	5 6	0.0	5.6	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-33.5	1/20/2020	1233	0.10	0.00	0 0	0	0.5	20.3	1.0	42.4	38.1	4.3	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33.5	1/20/2020	1440	0.00	NM	0 0	0	0.5	20.5	1.0	31.5	26.8	4.7	Re-sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33.5	2/19/2020	1301	0.16	0.13	0 0	0	0.2	19.6	0.5	1 3	0.2	1.1	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33.5-Dup	2/19/2020	1301	NM	NM	0 0	0	0.2	19.5	0.5	1.4	0.2	1.2	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-60-33.5	3/11/2020	913	0.00	0.00	9 0	OVR	1.0	18.1	441	15200	10394	4806	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-33.5	3/12/2020	1101	0.12	NM	1 6	33	1.1	19.3	138	5886	4605	1281	Re-sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-60-33.5	4/20/2020	1103	-0.55	-0.57	0 0	0	0.2	20.6	0.1	0 0	0.0	0.0	
VMP-60-33.5	5/20/2020	1114	-0.82	-0.81	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	
VMP-60-33.5	6/17/2020	1028	-0.38	-0.38	0 0	0	0.6	19.9	1.1	0 0	0.0	0.0	
VMP-60-33.5	7/20/2020	0834	0.00	0.00	0 0	0	1.2	16.1	0.2	0 0	0.0	0.0	
VMP-60-33.5	8/19/2020	1120	0.00	0.00	0 0	0	2.2	7.9	0.3	86.0	7.5	78 5	
VMP-60-33.5	9/16/2020	1050	0.00	0.00	0 0	0	2.5	11.2	0.7	41.0	34.0	7.0	
VMP-60-33.5	10/26/2020	1058	-0.02	0.59	0 0	0	2.6	9.5	1.1	34.0	29.0	5.0	
VMP-60-33.5	11/23/2020	1203	0.04	0.09	59.9	OVR	5.9	4.8	324	94860	66850	28010	Re-sampled to confirm initial sample.
VMP-60-33.5	11/24/2020	1133	0.14	NM	OVR	OVR	5.5	8.8	396	244000	165000	79000	Re-sample.
VMP-60-33.5	11/30/2020	0940	-0.03	NM	29.2	OVR	6.8	1.0	495	33500	24020	9480	
VMP-60-33.5	12/3/2020	1055	-0.57	NM	0 0	0	2.8	18.7	3.9	20.9	0.0	20 9	
VMP-60-33.5	12/8/2020	1253	-0.40	NM	0 0	0	1.4	20.5	3.6	15.3	0.0	15 3	
VMP-60-33.5	12/16/2020	1152	-0.25	-0.23	0 0	0	0.8	20.5	0.7	3 9	0.0	3.9	
VMP-61-5	1/21/2020	0835	0.00	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-5	2/19/2020	1452	0.14	0.15	0 0	0	0.6	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-5	3/11/2020	1316	0.00	0.00	0 0	0	0.7	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-5	4/20/2020	1252	-0.29	-0.23	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-61-5	5/20/2020	1300	-0.45	-0.48	0 0	0	0.8	20.3	0.1	0 0	0.0	0.0	
VMP-61-5	6/17/2020	1150	-1.20	-0.10	0 0	0	1.3	19.4	0.2	0 0	0.0	0.0	
VMP-61-5	7/20/2020	1233	0.00	0.00	0 0	0	2.1	17.3	0.0	0 0	0.0	0.0	
VMP-61-5-Dup	7/20/2020	1233	NM	NM	0 0	0	2.0	17.4	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-61-5	8/19/2020	1442	0.00	0.00	0 0	0	2.7	15.3	0.3	0 0	0.0	0.0	
VMP-61-5	9/16/2020	1316	0.00	0.00	0 0	0	3.4	12.4	0.1	0 0	0.0	0.0	
VMP-61-5	10/27/2020	1330	0.00	0.10	0 0	0	3.4	13.8	0.0	0 0	0.0	0.0	
VMP-61-5	11/24/2020	1300	0.09	0.32	0 0	0	3.1	15.7	0.0	0 0	0.0	0.0	
VMP-61-5	12/16/2020	1426	0.31	-0.08	0 0	0	3.0	19.0	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-10	1/21/2020	0836	-1.69	-0.12	0 0	0	0.5	20.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-10	2/19/2020	1453	0.44	0.00	0 0	0	0.6	19.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-10	3/11/2020	1317	0.37	0.00	0 0	0	0.5	20.2	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-10	4/20/2020	1253	-0.45	-0.42	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-61-10	5/20/2020	1301	-20.99	-0.77	0 0	0	0.5	20.4	0.2	0 0	0.0	0.0	
VMP-61-10	6/17/2020	1151	-2.10	-0.36	0 0	0	0.6	20.1	0.2	0 0	0.0	0.0	
VMP-61-10	7/20/2020	1234	-0.51	0.00	0 0	0	0.9	19.4	0.0	0 0	0.0	0.0	
VMP-61-10	8/19/2020	1443	-0.13	0.00	0 0	0	1.1	18.7	0.4	0 0	0.0	0.0	
VMP-61-10	9/16/2020	1317	-0.38	0.12	0 0	0	1.4	17.7	0.2	0 0	0.0	0.0	
VMP-61-10	10/27/2020	1331	0.20	0.16	0 0	0	1.9	17.2	0.1	0 0	0.0	0.0	
VMP-61-10	11/24/2020	1301	0.31	0.47	0 0	0	1.9	16.7	0.0	0 0	0.0	0.0	
VMP-61-10	12/16/2020	1428	-0.16	-0.19	0 0	0	2.0	17.9	0.0	0 0	0.0	0.0	
VMP-61-20	1/21/2020	0837	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-61-20	2/19/2020	1454	-1.09	0.00	0 0	0	0.5	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-61-20	3/11/2020	1318	-1.50	0.00	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-61-20	4/20/2020	1254	-0.35	-0.27	0 0	0	0.6	20.4	0.0	0 0	0.0	0.0	
VMP-61-20	5/20/2020	1302	-0.55	-0.53	0 0	0	0.8	20.3	0.0	0 0	0.0	0.0	
VMP-61-20	6/17/2020	1153	-0.21	-0.13	0 0	0	1.2	19.4	0.2	0 0	0.0	0.0	
VMP-61-20-Dup	6/17/2020	1153	NM	NM	0 0	0	1.2	19.5	0.2	0 0	0.0	0.0	Duplicate sample.
VMP-61-20	7/20/2020	1235	-0.18	0.00	0 0	0	1.5	18.4	0.1	0 0	0.0	0.0	
VMP-61-20	8/19/2020	1444	-0.18	0.00	0 0	0	2.8	15.3	0.5	0 0	0.0	0.0	
VMP-61-20	9/16/2020	1318	0.00	0.00	0 0	0	3.6	12.1	0.1	0 0	0.0	0.0	
VMP-61-20	10/27/2020	1332	0.00	0.10	0 0	0	3.4	14.1	0.1	0 0	0.0	0.0	
VMP-61-20	11/24/2020	1302	0.00	0.31	0 0	0	3.2	15.6	0.0	0 0	0.0	0.0	
VMP-61-20	12/16/2020	1430	-0.23	-0.09	0 0	0	2.9	19.1	0.0	0 0	0.0	0.0	
VMP-61-20-Dup	12/16/2020	1430	NM	NM	0 0	0	3.0	19.1	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-61-30	1/21/2020	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/19/2020	1455	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/11/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/20/2020	1255	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/20/2020	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/17/2020	1154	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/20/2020	1236	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/19/2020	1445	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/27/2020	1333	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/24/2020	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/16/2020	1432	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-5	1/21/2020	1005	0.00	0.00	0 0	0	0.8	20.0	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-5	2/20/2020	1017	0.00	0.00	0 0	0	0.8	20.1	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-5	3/11/2020	1358	0.00	0.00	0 0	0	0.9	20.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-5	4/20/2020	1414	-1.30	0.00	0 0	0	1.1	19.7	0.0	0 0	0.0	0.0	
VMP-62-5	5/21/2020	0822	0.00	0.00	0 0	0	1.8	19.0	0.0	0 0	0.0	0.0	
VMP-62-5	6/18/2020	0810	-0.15	0.00	0 0	0	3.5	17.8	0.1	0 0	0.0	0.0	
VMP-62-5	7/20/2020	1352	0.00	0.00	0 0	0	6.2	12.4	0.2	0 0	0.0	0.0	
VMP-62-5	8/20/2020	0925	0.00	0.00	0 0	0	9.3	10.9	0.2	0 0	0.0	0.0	
VMP-62-5	9/17/2020	1016	0.00	0.00	0 0	0	8.7	13.0	0.0	0 0	0.0	0.0	
VMP-62-5	10/27/2020	1232	0.00	0.00	0 0	0	4.9	16.6	0.0	0 0	0.0	0.0	
VMP-62-5	11/24/2020	1340	0.00	-0.17	0 0	0	4.3	16.6	0.0	0 0	0.0	0.0	
VMP-62-5	12/17/2020	1000	-0.02	-0.03	0 0	0	2.2	19.6	0.0	0 0	0.0	0.0	
VMP-62-10	1/21/2020	1006	-0.34	-0.13	0 0	0	1.3	19.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-10	2/20/2020	1018	0.00	0.00	0 0	0	1.3	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-10	3/11/2020	1359	0.00	0.00	0 0	0	1.4	19.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-10	4/20/2020	1415	-0.09	0.00	0 0	0	1.3	19.5	0.0	0 8	0.8	0.0	
VMP-62-10	5/21/2020	0823	-0.14	-0.16	0 0	0	2.0	18.7	0.2	0.7	0.7	0.0	
VMP-62-10	6/18/2020	0811	-0.25	-0.14	0 0	0	3.1	17.9	0.1	0 0	0.0	0.0	
VMP-62-10	7/20/2020	1353	0.00	0.00	0 0	0	4.4	15.1	0.5	0 0	0.0	0.0	
VMP-62-10-Dup	7/20/2020	1353	NM	NM	0 0	0	4.2	15.4	0.5	0 0	0.0	0.0	Duplicate sample.
VMP-62-10	8/20/2020	0926	0.00	0.00	0 0	0	5.9	13.1	0.2	0 0	0.0	0.0	
VMP-62-10	9/17/2020	1017	0.00	0.00	0 0	0	6.3	13.9	0.0	0 0	0.0	0.0	
VMP-62-10	10/27/2020	1233	0.00	0.00	0 0	0	5.6	15.8	0.0	0 0	0.0	0.0	
VMP-62-10	11/24/2020	1341	0.00	0.00	0 0	0	4.4	16.6	0.0	0 0	0.0	0.0	
VMP-62-10	12/17/2020	1002	-0.40	-0.26	0 0	0	2.9	19.0	0.0	0 0	0.0	0.0	
VMP-62-20	1/21/2020	1007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-62-20	2/20/2020	1019	-0.11	-0.13	0 0	0	1.2	19.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-20	3/11/2020	1400	-0.41	-0.18	0 0	0	1.0	19.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-20	4/20/2020	1416	-1.30	0.00	0 0	0	1.1	19.7	0.1	2 5	2.5	0.0	
VMP-62-20	5/21/2020	0824	-1.74	-1.66	0 0	0	1.8	19.0	0.0	0 0	0.0	0.0	
VMP-62-20-Dup	5/21/2020	0824	NM	NM	0 0	0	1.7	19.0	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-62-20	6/18/2020	0812	-1.55	-1.50	0 0	0	2.8	18.3	0.0	0 0	0.0	0.0	
VMP-62-20	7/20/2020	1354	0.28	0.00	0 0	0	2.4	17.9	0.4	0 0	0.0	0.0	
VMP-62-20	8/20/2020	0927	0.00	0.00	0 0	0	1.9	18.4	0.5	0 0	0.0	0.0	
VMP-62-20	9/17/2020	1018	-0.78	0.00	0 0	0	3.6	16.6	0.0	0 0	0.0	0.0	
VMP-62-20	10/27/2020	1234	-0.13	0.02	0 0	0	3.5	17.1	0.0	0 0	0.0	0.0	
VMP-62-20	11/24/2020	1342	0.22	0.30	0 0	0	2.9	17.2	0.2	0 0	0.0	0.0	
VMP-62-20	12/17/2020	1004	-6.07	-1.11	0 0	0	3.0	18.5	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-30	1/21/2020	1008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-62-30	2/20/2020	1020	-0.45	0.00	0 0	0	1.8	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-62-30	3/11/2020	1401	0.00	0.12	0 0	0	1.8	19.0	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-62-30	4/20/2020	1417	-2.44	0.00	0 0	0	0.7	19.9	0.1	0 0	0.0	0.0	
VMP-62-30	5/21/2020	0825	-2.95	-3.03	0 0	0	1.0	19.8	0.0	0 0	0.0	0.0	
VMP-62-30	6/18/2020	0813	-2.85	-2.73	0 0	0	0.4	19.5	0.0	0 0	0.0	0.0	
VMP-62-30-Dup	6/18/2020	0813	NM	NM	0 0	0	1.4	19.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-62-30	7/20/2020	1355	0.49	0.00	0 0	0	1.8	18.4	0.3	0 0	0.0	0.0	
VMP-62-30	8/20/2020	0928	0.00	0.00	0 0	0	2.7	17.2	0.4	0 0	0.0	0.0	
VMP-62-30	9/17/2020	1019	-0.11	-0.11	0 0	0	2.2	18.2	0.3	0 0	0.0	0.0	
VMP-62-30	10/27/2020	1235	0.13	0.15	0 0	0	2.4	18.2	0.0	0 0	0.0	0.0	
VMP-62-30	11/24/2020	1343	0.80	0.60	0 0	0	2.4	17.9	0.0	0 0	0.0	0.0	
VMP-62-30	12/17/2020	1006	-1.71	-1.75	0 0	0	2.3	19.1	0.0	0 0	0.0	0.0	
VMP-63-5	1/21/2020	0925	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-5	2/20/2020	0958	0.00	0.00	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-5	3/11/2020	1345	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-5	4/20/2020	1350	-0.40	-0.30	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-63-5-Dup	4/20/2020	1350	NM	NM	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-63-5	5/20/2020	1331	-0.47	-0.38	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	
VMP-63-5	6/17/2020	1350	-0.23	-0.21	0 0	0	0.2	20.5	0.0	0 0	0.0	0.0	
VMP-63-5	7/20/2020	1331	0.00	0.00	0 0	0	0.6	18.0	0.0	0 0	0.0	0.0	
VMP-63-5	8/20/2020	0859	0.00	0.00	0 0	0	2.2	16.6	0.3	0 0	0.0	0.0	
VMP-63-5	9/16/2020	1400	0.00	0.00	0 0	0	3.0	16.6	0.0	0 0	0.0	0.0	
VMP-63-5	10/27/2020	1305	0.03	0.00	0 0	0	2.8	18.1	0.0	0 0	0.0	0.0	
VMP-63-5	11/24/2020	1325	0.04	0.00	0 0	0	2.7	17.8	0.0	0 0	0.0	0.0	
VMP-63-5	12/17/2020	0924	-0.11	-0.14	0 0	0	0.4	20.7	0.0	0 0	0.0	0.0	
VMP-63-10	1/21/2020	0926	0.48	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-10	2/20/2020	0959	-0.13	-0.11	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-10	3/11/2020	1346	0.00	0.00	0 0	0	0.2	20.7	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-10	4/20/2020	1351	-0.81	-0.72	0 0	0	0.1	20.7	0.0	0 0	0.0	0.0	
VMP-63-10	5/20/2020	1332	-1.11	-1.09	0 0	0	0.3	20.6	0.2	0 0	0.0	0.0	
VMP-63-10	6/17/2020	1351	-0.60	-0.56	0 0	0	0.5	20.3	0.3	0 0	0.0	0.0	
VMP-63-10	7/20/2020	1332	0.00	0.00	0 0	0	0.8	19.6	0.0	0 0	0.0	0.0	
VMP-63-10	8/20/2020	0855	0.00	0.00	0 0	0	1.6	18.2	0.3	0 0	0.0	0.0	
VMP-63-10	9/16/2020	1401	0.00	0.00	0 0	0	2.5	17.1	0.3	0 0	0.0	0.0	
VMP-63-10	10/27/2020	1306	0.07	0.03	0 0	0	3.1	17.3	0.0	0 0	0.0	0.0	
VMP-63-10	11/24/2020	1326	0.29	0.14	0 0	0	2.8	17.5	0.0	0 0	0.0	0.0	
VMP-63-10	12/17/2020	0926	-0.92	-0.08	0 0	0	0.5	20.6	0.0	0 0	0.0	0.0	

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TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-20	1/21/2020	0927	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-20	2/20/2020	1000	-0.45	-0.29	0 0	0	0.3	20.6	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-20	3/11/2020	1347	0.00	0.09	0 0	0	0.2	20.6	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-20	4/20/2020	1352	-1.82	-1.73	0 0	0	0.0	20.9	0.0	0 0	0.0	0.0	
VMP-63-20	5/20/2020	1333	-2.33	-2.29	0 0	0	0.3	20.5	0.2	0 0	0.0	0.0	
VMP-63-20	6/17/2020	1352	-1.71	-1.66	0 0	0	0.7	20.0	0.1	0 0	0.0	0.0	
VMP-63-20	7/20/2020	1333	0.00	0.00	0 0	0	0.8	19.8	0.0	0 0	0.0	0.0	
VMP-63-20	8/20/2020	0856	0.00	0.00	0 0	0	0.9	19.5	0.4	0 0	0.0	0.0	
VMP-63-20	9/16/2020	1402	0.15	0.16	0 0	0	1.1	19.2	0.0	0 0	0.0	0.0	
VMP-63-20	10/27/2020	1307	0.23	0.08	0 0	0	1.4	18.8	0.0	0 0	0.0	0.0	
VMP-63-20	11/24/2020	1327	0.44	0.44	0 0	0	1.5	18.0	0.0	0 0	0.0	0.0	
VMP-63-20	12/17/2020	0928	-0.79	-0.77	0 0	0	0.6	20.7	0.0	0 0	0.0	0.0	
VMP-63-30	1/21/2020	0928	0.00	0.00	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-30	2/20/2020	1001	-0.22	-0.21	0 0	0	0.5	20.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-63-30	3/11/2020	1348	0.00	0.13	0 0	0	0.5	20.3	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-63-30	4/20/2020	1404	-2.06	-2.13	0 0	0	0.5	20.0	0.0	0 0	0.0	0.0	
VMP-63-30	5/20/2020	1334	-2.61	-2.52	0 0	0	0.6	20.2	0.0	0 0	0.0	0.0	
VMP-63-30	6/17/2020	1354	-1.93	-1.88	0 0	0	0.8	19.6	0.0	0 0	0.0	0.0	
VMP-63-30-Dup	6/17/2020	1354	NM	NM	0 0	0	0.8	19.5	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-63-30	7/20/2020	1334	0.00	0.00	0 0	0	1.1	19.6	0.0	0 0	0.0	0.0	
VMP-63-30	8/20/2020	0857	0.00	0.00	0 0	0	1.1	19.5	0.4	0 0	0.0	0.0	
VMP-63-30	9/16/2020	1403	0.19	0.19	0 0	0	0.9	19.3	0.0	0 0	0.0	0.0	
VMP-63-30	10/27/2020	1308	0.25	0.08	0 0	0	1.3	18.9	0.0	0 0	0.0	0.0	
VMP-63-30	11/24/2020	1328	0.29	0.48	0 0	0	1.4	18.0	0.0	0 0	0.0	0.0	
VMP-63-30	12/17/2020	0930	-1.03	-0.91	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	
VMP-64-5	1/21/2020	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen. Would not yield purge.
VMP-64-5	2/20/2020	0931	-0.14	0.00	0 0	0	0.0	20.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-5	3/11/2020	1332	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-5	4/20/2020	1342	0.00	0.00	0 0	0	0.0	20.9	0.1	0 0	0.0	0.0	
VMP-64-5	5/20/2020	1316	0.00	0.00	0 0	0	0.1	20.8	0.0	0 0	0.0	0.0	
VMP-64-5	6/17/2020	1340	0.00	0.00	0 0	0	0.3	20.5	0.0	0 0	0.0	0.0	
VMP-64-5	7/20/2020	1250	0.00	0.00	0 0	0	0.8	16.5	0.0	0 0	0.0	0.0	
VMP-64-5	8/20/2020	0839	0.00	0.00	0 0	0	1.1	16.4	0.3	0 0	0.0	0.0	
VMP-64-5	9/16/2020	1342	0.00	0.00	0 0	0	2.1	17.6	0.0	0 0	0.0	0.0	
VMP-64-5	10/27/2020	1320	0.00	0.00	0 0	0	1.3	18.8	0.0	0 0	0.0	0.0	
VMP-64-5	11/24/2020	1315	-0.20	-0.12	0 0	0	1.3	17.9	0.0	0 0	0.0	0.0	
VMP-64-5	12/17/2020	0910	-0.02	-0.02	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	
VMP-64-5-Dup	12/17/2020	0910	NM	NM	0 0	0	0.4	20.6	0.0	0 0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-10	1/21/2020	0916	0.00	0.00	0 0	0	2.1	19.4	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-10	2/20/2020	0932	-0.10	0.00	0 0	0	1.7	19.5	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-10	3/11/2020	1333	-0.09	0.00	0 0	0	1.7	19.1	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-10-Dup	3/11/2020	1333	NM	NM	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	Duplicate sample. SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-10	4/20/2020	1343	-0.15	0.00	0 0	0	1.4	19.7	0.2	0 0	0.0	0.0	
VMP-64-10	5/20/2020	1317	-0.22	-0.17	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	
VMP-64-10	6/17/2020	1341	0.00	0.00	0 0	0	1.9	18.3	0.0	0 0	0.0	0.0	
VMP-64-10	7/20/2020	1251	0.00	0.00	0 0	0	3.2	16.5	0.0	0 0	0.0	0.0	
VMP-64-10	8/20/2020	0840	0.00	0.00	0 0	0	3.0	16.0	0.4	0 0	0.0	0.0	
VMP-64-10	9/16/2020	1343	0.00	0.00	0 0	0	3.7	15.1	0.0	0 0	0.0	0.0	
VMP-64-10	10/27/2020	1321	0.09	0.30	0 0	0	4.0	15.6	0.0	0 0	0.0	0.0	
VMP-64-10	11/24/2020	1316	0.14	0.18	0 0	0	3.6	16.1	0.0	0 0	0.0	0.0	
VMP-64-10	12/17/2020	0912	-0.58	-0.12	0 0	0	3.1	18.1	0.0	0 0	0.0	0.0	
VMP-64-20	1/21/2020	0917	0.12	0.11	0 0	0	2.8	18.7	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20	2/20/2020	0933	-0.16	-0.13	0 0	0	2.5	18.8	0.0	0 0	0.0	0.0	SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20-Dup	2/20/2020	0933	NM	NM	0 0	0	2.5	18.7	0.0	0 0	0.0	0.0	Duplicate sample. SVE System was shutdown on 1/16/2020 and was not restarted at time of sampling.
VMP-64-20	3/11/2020	1334	-0.11	0.00	0 0	0	2.7	18.2	0.0	0 0	0.0	0.0	SVE System shutdown morning of 3/11/2020 and was not operating at time of sampling.
VMP-64-20	4/20/2020	1344	-0.23	-0.13	0 0	0	1.9	19.4	0.0	0 0	0.0	0.0	
VMP-64-20	5/20/2020	1318	-0.53	-0.48	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	
VMP-64-20-Dup	5/20/2020	1318	NM	NM	0 0	0	1.7	19.2	0.0	0 0	0.0	0.0	Duplicate sample.
VMP-64-20	6/17/2020	1342	-0.14	-0.14	0 0	0	1.7	18.6	0.0	0 0	0.0	0.0	
VMP-64-20	7/20/2020	1252	0.14	0.00	0 0	0	1.7	18.0	0.0	0 0	0.0	0.0	
VMP-64-20	8/20/2020	0841	0.00	0.00	0 0	0	2.3	17.6	0.3	0 0	0.0	0.0	
VMP-64-20	9/16/2020	1402	0.12	0.09	0 0	0	2.4	17.3	0.0	0 0	0.0	0.0	
VMP-64-20	10/27/2020	1322	0.19	0.09	0 0	0	2.8	17.0	0.0	0 0	0.0	0.0	
VMP-64-20	11/24/2020	1317	0.22	0.37	0 0	0	2.9	16.7	0.0	0 0	0.0	0.0	
VMP-64-20	12/17/2020	0914	-0.43	-0.20	0 0	0	3.6	16.5	0.0	0 0	0.0	0.0	
VMP-64-28	1/21/2020	0918	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/20/2020	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/11/2020	1335	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/20/2020	1345	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/20/2020	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/17/2020	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/20/2020	1253	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/20/2020	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/16/2020	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/27/2020	1323	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/24/2020	1318	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/17/2020	0916	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-65-10	11/23/2020	0910	-0.63	-0.36	0 0	0	1.7	17.6	0.0	0 0	0.0	0.0	Re-sampled to confirm initial sample.
VMP-65-10	11/24/2020	1115	0.00	NM	0 0	0	3.0	15.1	0.0	0 0	0.0	0.0	Re-sample.
VMP-65-10	12/16/2020	0935	-0.07	-0.64	0 0	0	3.2	16.0	0.1	0 0	0.0	0.0	
VMP-65-20	11/23/2020	0911	-0.04	-0.77	0 0	0	8.5	6.6	1.3	2 0	1.0	1.0	Re-sampled to confirm initial sample.
VMP-65-20-Dup	11/23/2020	0911	NM	NM	0 0	0	8.3	6.9	1.3	2 0	1.0	1.0	Duplicate sample.
VMP-65-20	11/24/2020	1116	0.77	NM	0 0	0	9.5	5.9	2.3	5 0	2.0	3.0	Re-sample.
VMP-65-20	12/16/2020	0934	-0.62	-0.68	0 0	0	10.1	6.8	1.9	2 0	1.0	1.0	
VMP-65-20-Dup	12/16/2020	0934	NM	NM	0 0	0	9.8	7.3	1.9	2 0	1.0	1.0	Duplicate sample.
VMP-65-30	11/23/2020	0912	-0.04	-0.77	2 6	53	13 5	0.9	323	8090	5370	2720	Re-sampled to confirm initial sample.
VMP-65-30	11/24/2020	1117	0.25	NM	3 9	79	13 8	0.4	394	11020	7230	3790	Re-sample.
VMP-65-30	12/16/2020	0936	-1.64	-0.64	2 3	46	13.7	0.7	238	8050	5440	2610	

Notes:

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

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Benzene			Butane			2-Butanone			Carbon disulfide			Cyclohexane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	5600	U		26			820			7000	U		7300	U		2000	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	3800	U		28			540			4800	U		5000	U		20		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	3000	U		22			430			3800	U		4000	U		15		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	2300	U		16			190			2800	U		3000	U		14		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	1900	U		18			230			2400	U		2500	U		15		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	5500	U		16			890			6800	U		7200	U		21		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	3600	U		8.3			430			4500	U		4800	U		1300	U	
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	5600	U		13			1200			7000	U		7300	U		22		
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	6000	U		15			1800			7400	U		7800	U		23		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	930	U		11			320			1200	U		1200	U		340	U	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	2900	U		14			540			3600	U		3800	U		36		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	3000	U		12			450			3700	U		3900	U		23		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	1100	U		12			380			1400	U		1500	U		22		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	1500	U		12			370			1800	U		1900	U		26		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	5600	U		26			850			7000	U		7300	U		65		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	5600	U		40			1300			7000	U		7300	U		86		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	110	U		0.86			9.1			140	U		150	U		0.83		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	2800	U		31			830			3400	U		3600	U		60		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.06	J		0.11			22			140	U		150	U		41	U	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	18	J		3.2			380			9800	U		6.2	J		17		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	1900	U		3.8			290			2400	U		2500	U		19		
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	1200	U		14			490			1500	U		1600	U		24		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	2.4			0.12			3.6			0.38			110	U		30	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	5.8			0.059			4.2			0.91			150	U		0.14		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	3.6			0.089			5.2			0.58			160	U		0.2		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	9.5	E	J	0.1			4.5			1.6			110	U		0.15		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	4.5	E	J	0.039			2.1			0.74			55	U		0.081		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	6			0.025	J		1.6			1			110	U		0.05		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	3.5			0.03			1.5			0.63			60	U		0.058		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	3	E	J	0.056			1			0.5			34	U		0.054		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	4.4			0.063			1.5			0.81			85	U		0.084		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	4.1			0.069			3.3			0.83			110	U		0.15		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	4.2			0.087			2.7			0.76			64	U		0.18		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	1.1			0.36			2.7			0.12	J		180	U		0.12		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	5.6			0.14			2.7			1			140	U		0.26		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	6.5			0.1			5.2			1.2			180	U		0.22		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	5.4			0.14			3.5			1.1			180	U		0.23		
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	4.2			0.0084	J		63	U		0.83			82	U		23	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	7	E	J	0.023			1.9			1.4			70	U		0.097		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	3.3			0.016			1.1			0.57			44	U		0.056		
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	3.9			0.05	J		3.4			0.79			230	U		0.06	J	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	0.53	J		0.3			12			270	U		280	U		0.18		
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	0.3	J		0.19			7.4			0.031	J		210	U		0.18		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1-Dichloroethene			Dichloromethane (Methylene chloride)			Ethanol			Ethylbenzene			4-Ethyltoluene			Heptane		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-011320	1/13/2020	2300	U		8200	U		4400	U		3			2900	U		21		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	1600	U		5600	U		3000	U		2.7			0.53	J		24		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1300	U		4400	U		2400	U		2			0.47	J		20		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	960	U		3400	U		1800	U		1.5			0.46	J		14		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	790	U		2800	U		1500	U		3			0.7	J		19		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	2300	U		8000	U		4400	U		3.7			1	J		20		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	1500	U		5300	U		2900	U		0.32	J		1900	U		9.9		
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	2300	U		8200	U		4400	U		1.8	J		2900	U		17		
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	2500	U		8800	U		4700	U	UJ	2.2	J		3100	U		18		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	390	U		1400	U		730	U		2.7			0.39	J		17		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	1200	U		4200	U		2300	U		4.6			0.62	J		26		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	1200	U		4400	U		2400	U		3.5			0.64	J		22		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	470	U		1600	U		900	U		1.9			0.39	J		19		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	610	U		2100	U		1200	U		3.3			0.64	J		25		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	2300	U		8200	U		4400	U		8.6			1.5	J		50		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	2300	U		8200	U		4400	U		15			3.4			76		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	46	U		160	U		88	U		0.93			0.38			1.1		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	1200	U		4000	U		2200	U		15			3.2			54		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	47	U		160	U		90	U		0.12			0.055	J		0.21		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	3300	U		9.4	J		65			0.94	J		4100	U		5.4		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	790	U		2800	U		1500	U		870	U		980	U		6.2		
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	0.21	J		1800	U		950	U	UJ	2.3			0.48	J		18		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	34	U		300	U		65	U		0.015	J		42	U		0.21		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	48	U		0.04	J		0.15			0.011	J		59	U		0.16		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	51	U		450	U		0.08	J		0.012	J		63	U		0.2		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	34	U		300	U		0.16			0.013	J		42	U		0.18		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	17	U		150	U		0.087			0.0051	J		22	U		0.085		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	36	U		320	U		0.15			40	U		45	U		0.078		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	19	U		170	U		0.062			21	U		24	U		0.065		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	11	U		94	U		0.051			0.017			0.011	J		0.088		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	27	U		240	U		0.1			0.013	J		33	U		0.11		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	34	U		300	U		0.088			38	U		42	U		0.19		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	20	U		180	U		0.066			0.011	J		25	U		0.19		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	56	U		490	U		0.33	J0	J	0.012	J		69	U		0.16		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	43	U		380	U		0.15			0.01	J		0.0098	J		0.28		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	57	U		500	U		0.15			0.02	J		71	U		0.24		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	56	U		490	U		0.14			0.053	J		0.024	J		0.32		
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	26	U		230	U		0.07			29	U		32	U		27	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	22	U		200	U		0.12			24	U		28	U		0.062		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	14	U		120	U		0.045			15	U		17	U		0.033		
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	72	U		630	U		0.14		J	79	U		89	U		0.11		
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	91	U		800	U		170	U	J	0.024	J		110	U		0.16		
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	67	U		580	U		320	U		0.024	J		83	U		0.17		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			2-Propanol			n-Propylbenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	200			9700	U		2600			1.4	J		5800	U		1.9	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	210			6600	U		2000			1.6	J		4000	U		2		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	190			5200	U		1500			1	J		3100	U		1.7		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	110			4000	U		790			1.1	J		2400	U		1.6		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	130			3300	U		920			1.6			2000	U		2.2		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	150			9500	U		1700			2.3	J		5700	U		3.1		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	120			6200	U		1200			1900	U		3800	U		1900	U	
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	180			9700	U		2200			2900	U		5800	U		2900	U	
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	190			10000	U		2300			3100	U		6200	U		3100	U	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	120			1600	U		560			0.41	J		960	U		0.45	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	200			5000	U		950			0.7	J		3000	U		0.81	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	160			5100	U		750			0.68	J		3100	U		0.84	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	140			1900	U		680			0.5	J		1200	U		0.62		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	150			2500	U		740			0.63	J		1500	U		0.65	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	340			9700	U		1500			1.6	J		5800	U		1.9	J	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	510			9700	U		2300			3.2			5800	U		3.8		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	3.9			190	U		16			0.3			120	U		0.45		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	340			4800	U		1600			3.1			2900	U		3.6		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	1			190	U		39			0.039	J		120	U		0.067		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	46			14000	U		610			4100	U		28			4100	U	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	53			3300	U		470			0.35	J		2000	U		980	U	
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	140			2100	U		740			0.58	J		1200	U		0.52	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	1.3			0.035	J		5.6			42	U		84	U		0.019	J	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.83			0.068	J		8.5			59	U		0.13			0.0074	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	1.2			0.058	J		9.2			63	U		0.078	J		0.0065	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	1.1			0.14			7.5			42	U		0.17			0.0083	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.54			0.066	J	J	3.3			22	U		0.098			0.0031	J	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.41			0.099	J	J	2.5			45	U		0.16			45	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.43			0.063	J	J	2.6			24	U		0.095			24	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.45			0.05			2.5			0.014			0.067			0.026		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.63			0.1	J	J	2.8			0.0034	J		0.09			0.0058	J	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	1.3			0.072	J		5.6			42	U		0.08	J		42	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	1.1			0.058	J		5.1			25	U		0.052			25	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.75			230	U		4.5			69	U		140	U		69	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	1.4			0.11	J		5.7			0.013	J		110	U		0.022	J	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	1.6			0.19	J		8.2			0.01	J		0.063	J		0.016	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	1.4			0.18	J		5.3			0.016	J		140	U		0.035	J	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.055			0.14			0.19			32	U		65	U		32	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.31			0.15			1.9			28	U		0.046	J		0.0035	J	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.22			0.078			2			17	U		0.02	J		17	U	
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	0.97			0.067	J		9			89	U		0.06	J		89	U	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	1.4			380	U		18			110	U		220	U		0.015	J	
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	1.4			280	U		12			83	U		160	U		0.016	J	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Styrene			Tetrachloroethene			Toluene			1,1,1-Trichloroethane (Methyl chloroform)			Trichloroethene			1,2,4-Trimethylbenzene		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	2500	U		4000	U		8.2			3200	U		3200	U		2900	U	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	1700	U		2700	U		8.5			2200	U		2200	U		0.43	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1400	U		2200	U		15			1700	U		1700	U		0.18	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	1000	U		1600	U		4.4			1300	U		1300	U		0.21	J	
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	850	U		1400	U		5.7			1100	U		1100	U		0.48	J	
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	2500	U		3900	U		5.4			3200	U		3100	U		1	J	
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	1600	U		2600	U		9.1			2100	U		2000	U		1900	U	
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	2500	U		4000	U		32			0.98	J		2	J		2900	U	
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	2700	U		4300	U		30			3400	U		3400	U		0.36	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	420	U		660	U		1			530	U		520	U		0.4	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	1300	U		2000	U		1.1			1600	U		1600	U		0.6	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	1300	U		2100	U		1.7			1700	U		1700	U		0.59	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	510	U		810	U		1.2			650	U		640	U		0.36	J	
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	660	U		1000	U		1.7			840	U		830	U		0.6	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	2500	U		4000	U		1.2	J		3200	U		3200	U		1.5	J	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	2500	U		4000	U		1.5	J		3200	U		3200	U		3.8		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	50	U		80	U		0.1			64	U		63	U		0.57		
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	1200	U		2000	U		0.95	J		1600	U		1600	U		4		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	51	U		81	U		0.012	J		65	U		64	U		0.094		
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.71	J		5600	U		25			4500	U		2.4	J		4100	U	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	850	U		1400	U		750	U		1100	U		1100	U		0.15	J	
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	540	U		850	U		0.38	J		690	U		680	U		0.56	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	37	U		58	U		0.021	J		47	U		46	U		42	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	52	U		82	U		0.022	J		66	U		65	U		59	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	55	U		88	U		0.028	J		70	U		69	U		63	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	37	U		58	U		0.031	J		47	U		46	U		0.0052	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	19	U		30	U		0.0089	J		24	U		24	U		22	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	39	U		62	U		0.0048	J		50	U		49	U		45	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	21	U		33	U		0.0037	J		26	U		26	U		24	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	11	U		0.012	J		0.022			15	U		14	U		0.014		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	29	U		46	U		0.018	J		37	U		36	U		33	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	37	U		59	U		0.015	J		47	U		46	U		42	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	22	U		34	U		0.022			28	U		27	U		25	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	60	U		96	U		0.016	J		77	U		76	U		69	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	47	U		74	U		0.037	J		60	U		59	U		54	U	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	62	U		98	U		0.017	J		79	U		78	U		0.02	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	60	U		96	U		0.0068	J		77	U		76	U		0.054	J	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	28	U		45	U		25	U		36	U		35	U		32	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	24	U		38	U		0.012	J		31	U		30	U		28	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	15	U		24	U		0.0051	J		19	U		19	U		17	U	
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	77	U		120	U		0.045	J		99	U		98	U		89	U	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	98	U		160	U		0.29			120	U		120	U		110	U	
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	72	U		110	U		0.12			92	U		90	U		0.027	J	

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			TPH (C2-C10)		
			Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	Result (mg/m^3)	Lab Quals	AECOM Quals	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-011320	1/13/2020	2900	U		270			1500	U		5.8			1	J		12000		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.28	J		290			1000	U		3.5			0.41	J		13000		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1600	U		240			820	U		3.6			0.5	J		10800		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.19	J		250			620	U		3.7			0.59	J		4400		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.4	J		330			510	U		5.8			0.64	J		7100		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.6	J		350			1500	U		5.8			0.85	J		10000		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	1900	U		100			980	U		0.94	J		0.41	J		8200		
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	2900	U		180			1500	U		3.3			0.9	J		15000		
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	3100	U		180			1600	U		4			1.1	J		20000		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.24	J		230			250	U		3.8			0.34	J		5500		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.31	J		410			770	U		6.5			0.39	J		8700		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.43	J		300			800	U		5.6			0.65	J		8700		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.23	J		290			300	U		3			0.4	J		7100		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.29	J		320			390	U		5.1			0.47	J		6500		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.78	J		820			1500	U		12			1.1	J		14000		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	1.8	J		1200			1500	U		20			1.8	J				
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.18			13			30	U		1.4			0.14					
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	1.6			890			740	U		23			1.7					
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.033	J		4.2			30	U		0.19			0.021	J				
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	4100	U		250			2100	U		1.6	J		0.67	J		5500		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	980	U		320			510	U		0.54	J		0.18	J		5300		
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	0.25	J		330			320	U		4.1			0.3	J		9000		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	42	U		2.4			22	U		0.024	J		37	U		87		
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	59	U		1.9			31	U		0.016	J		52	U		97		
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	63	U		3			33	U		0.02	J		56	U		110		
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	42	U		2.5			22	U		0.022	J		0.0045	J		110		
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	22	U		1			11	U		0.0089	J		19	U		41		
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	45	U		0.8			24	U		40	U		40	U		41		
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	24	U		0.91			12	U		0.0041	J		21	U		36		
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0049	J		0.94			6.9	U		0.026			0.0039	J		37		
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	33	U		1.1			17	U		0.017	J		30	U		42		
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	42	U		2.4			22	U		0.01	J		38	U		68		
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	25	U		2.2			13	U		0.012	J		22	U		75		
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	69	U		1.6			36	U		0.018	J		61	U		66		
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	54	U		2.9			0.0065	J		0.03	J		48	U		100		
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	71	U		3.6			37	U		0.029	J		63	U		100		
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.019	J		3.6			36	U		0.098			62	U				
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	32	U		0.059			17	U		0.0061	J		29	U				
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	28	U		1.6			14	U		24	U		24	U		51		
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	17	U		1.5			9	U		15	U		15	U		39		
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	89	U		0.85			46	U		0.0053	J		79	U		71		
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	110	U		1.5			58	U		0.051	J		99	U		130		
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	83	U		2.4			43	U		0.047	J		0.011	J		110		

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TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Butane			Isopentane			C6+			Carbon Dioxide			Ethane			Isobutane		
			Result (%)	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-011320	1/13/2020	0.025			0.054			0.049			3.4			0.0024	U		0.0036		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.023			0.061			0.069			3.9			0.000064	J		0.0027		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.021			0.055			0.065			3.8			0.000059	J		0.0021	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.0079			0.024			0.052			3.9			0.000063	J		0.00095	J	
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.0095			0.024			0.043			4.2			0.0024	U		0.0012	J	
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.036			0.046			0.057			4.5			0.00017	J		0.0071		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	0.023			0.042			0.04			2.2			0.0001	J		0.0035		
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	0.066			0.08			0.069			2.4			0.00013	J		0.011		
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	0.12			0.1			0.094			2.3			0.00013	J		0.016		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.014			0.017			0.037			2			0.000072	J		0.0014	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.024			0.03			0.066			3.1			0.00012	J		0.0026		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.022			0.026			0.056			2.9			0.00014	J		0.0023	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.016			0.02			0.046			2.6			0.0001	J		0.0017	J	
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.015			0.02			0.044			2.7			0.00013	J		0.0016	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.033			0.041			0.094			3.8			0.00021	J		0.0034		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	0.049			0.061			0.14			5			0.00028	J		0.0052		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.00032	J		0.0004	J		0.0036	J		1.3			0.0024	U		0.0024	U	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	0.034			0.042			0.099			4.1			0.00022	J		0.0035		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.00075	J		0.00086	J		0.00048	J		1.9			0.0024	U		0.00013	J	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.015			0.018			0.035			2.7			0.0023	U		0.0016	J	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.015			0.016			0.031			2.8			0.000061	J		0.0015	J	
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	0.031			0.032			0.079			3.4			0.00019	J		0.0031		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.00017	J		0.00024	J		0.00034	J		1.4			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.00023	J		0.00029	J		0.00033	J		1.5			0.0024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.00027	J		0.0003	J		0.00047	J		1.7			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.00022	J		0.00028	J		0.00042	J		1.7			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.000093	J		0.00011	J		0.00015	J		0.98			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.000078	J		0.000092	J		0.00016	J		0.92			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.00007	J		0.000089	J		0.00013	J		0.82			0.0024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0027	U		0.000084	J		0.000091	J		0.82			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.000067	J		0.000095	J		0.00016	J		1.2			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.00013	J		0.00018	J		0.018	J		1.2			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.00016	J		0.00021	J		0.00044	J		1.3			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.00011	J		0.00016	J		0.00074	J		1.2			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.00015	J		0.00022	J		0.00059	J		1.5			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.00019	J		0.00024	J		0.00068	J		1.4			0.0029	U		0.0029	U	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.00014	J		0.00017	J		0.00047	J		1			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.0026	U		0.0026	U		0.000092	J		0.61			0.0026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.000062	J		0.000082	J		0.00015	J		0.74			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.000071	J		0.000081	J		0.0002	J		0.72			0.0028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	0.00017	J		0.00031	J		0.00076	J		0.93			0.0027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	0.00045	J		0.00056	J		0.0004	J		1			0.0027	U		0.000081	J	
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	0.00047	J		0.00043	J		0.0005	J		1.3			0.0025	U		0.000071	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Methane			Neopentane			Nitrogen			Oxygen			Pentane		
			Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	1.1			0.00085	J		79			16			0.042		
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	1.9			0.00015	J		78			16			0.048		
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	1.8			0.0026	U		78			16			0.046		
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	1.5			0.000065	J		78			16			0.018		
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	1.4			0.000091	J		78			16			0.018		
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	1.4			0.00021	J		79			15			0.025		
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	0.43			0.00028	J		78			19			0.019		
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	0.83			0.00057	J		78			18			0.043		
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	0.94			0.00045	J		78			18			0.057		
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.48			0.0023	U		79			18			0.0071		
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	1.2			0.00012	J		80			16			0.013		
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	1.1			0.00011	J		79			17			0.011		
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.78			0.0024	U		78			18			0.0087		
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.71			0.000084	J		78			18			0.0079		
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	1.3			0.00018	J		79			16			0.018		
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	2			0.00023	J		79			14			0.027		
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.0091			0.0024	U		80			19			0.00015	J	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	1.4			0.0023	U		78			16			0.018		
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.012			0.0024	U		79			19			0.00022	J	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.43			0.0023	U		79			18			0.0066		
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.38			0.00007	J		79			18			0.0061		
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	1.2			0.00014	J		78			17			0.014		
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.0063			0.0026	U		80			19			0.00013	J	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0066			0.0024	U		80			18			0.00014	J	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.011			0.0026	U		80			18			0.00012	J	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0089			0.0028	U		80			18			0.00013	J	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0039			0.0026	U		80			19			0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.0037			0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.0036			0.0024	U		80			19			0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0024			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0034			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.0073			0.0026	U		80			19			0.000096	J	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.0079			0.0026	U		80			19			0.0001	J	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.0065			0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.0088			0.0027	U		79			19			0.00011	J	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.008			0.0029	U		80			18			0.0001	J	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.0053			0.0028	U		80			19			0.0028	U	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.00026	U		0.0026	U		79			20			0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.0017			0.0028	U		79			20			0.0028	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.0019			0.0028	U		79			20			0.0028	U	
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	0.0031			0.0027	U		79			20			0.00015	J	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	0.0058			0.0027	U		79			20			0.00029	J	
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	0.0074			0.0025	U		79			20			0.00023	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Propane		
			Result (%)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-011320	1/13/2020	0.000083	J	
SVE Public Works Header	PW-Header-SVE-032420	3/24/2020	0.00012	J	
SVE Public Works Header	PW-Header-SVE-040220	4/2/2020	0.000053	J	
SVE Public Works Header	PW-Header-SVE-050120	5/1/2020	0.000064	J	
SVE Public Works Header	PW-Header-SVE-060220	6/2/2020	0.000091	J	
SVE Public Works Header	PW-Header-SVE-070820	7/8/2020	0.00084	J	
SVE Public Works Header	PW-Header-SVE-100120	10/1/2020	0.00085	J	
SVE Public Works Header	PW-Header-SVE-110320	11/3/2020	0.00097	J	
SVE Public Works Header	PW-Header-SVE-120120	12/1/2020	0.0013	J	
SVE Refinery Header	WFL-Header-SVE-011320	1/13/2020	0.000088	J	
SVE Refinery Header	WFL-Header-SVE-032420	3/24/2020	0.00014	J	
SVE Refinery Header	WFL-Header-SVE-040220	4/2/2020	0.00015	J	
SVE Refinery Header	WFL-Header-SVE-050120	5/1/2020	0.000091	J	
SVE Refinery Header	WFL-Header-SVE-060220	6/2/2020	0.000095	J	
SVE Refinery Header	WFL-Header-SVE-070820	7/8/2020	0.00021	J	
SVE Refinery Header	PurpleLine-Header-SVE-070820	7/8/2020	0.00031	J	
SVE Refinery Header	BlueLine-Header-SVE-070820	7/8/2020	0.0024	U	
SVE Refinery Header	PurpleLine-Header-SVE-071520	7/15/2020	0.00023	J	
SVE Refinery Header	BlueLine-Header-SVE-072120	7/21/2020	0.0024	U	
SVE Refinery Header	WFL-Header-SVE-080620	8/6/2020	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-090220	9/2/2020	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-120120	12/1/2020	0.0002	J	
SVE RTO Exhaust	Exh-SVE-011320	1/13/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-030620	3/6/2020	0.0024	U	
SVE RTO Exhaust	Exh-SVE-030720	3/7/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-030820	3/8/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-031820	3/18/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-031920	3/19/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-032020	3/20/2020	0.0024	U	
SVE RTO Exhaust	Exh-SVE-032420	3/24/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-032620	3/26/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-033120	3/31/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-040220	4/2/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-050120	5/1/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-060220	6/2/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-070820	7/8/2020	0.0029	U	
SVE RTO Exhaust	Exh-SVE-071520	7/15/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-072120	7/21/2020	0.0026	U	
SVE RTO Exhaust	Exh-SVE-080620	8/6/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-090220	9/2/2020	0.0028	U	
SVE RTO Exhaust	Exh-SVE-100120	10/1/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-110320	11/3/2020	0.0027	U	
SVE RTO Exhaust	Exh-SVE-120120	12/1/2020	0.0025	U	

Notes:
Analytes shown were detected in at least 1 sample during the current quarter or previous 3 quarters.
Blank cells in Result column indicate that analyte was not on target analyte list.

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

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

Figures

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

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

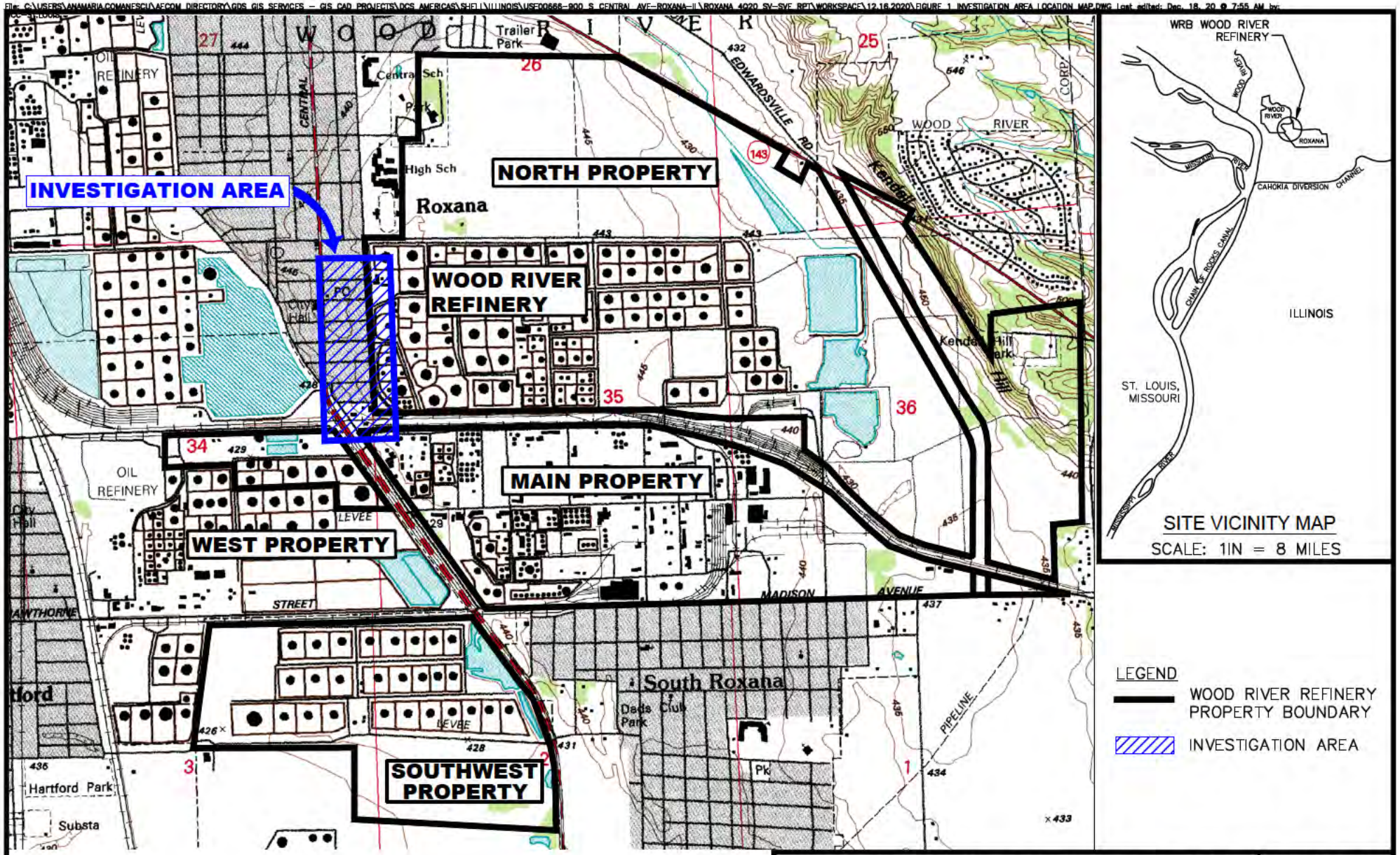
Inward Kriging / Boundary Cut-off – This method of Kriging limits the horizontal extent of data modeling to the extent of the data on the x/y plane in a convex hull. The model is bounded by the VMPs.

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

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

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

File: C:\USERS\ANAMARIA.COMANESCU\AECOM DIRECTORY\GDS_GIS SERVICES - GIS_CAD_PROJECTS\DCS_AMERICAS\SHELL\ILLINOIS\USE00666-900 S CENTRAL AVE-ROXANA-IL\ROXANA 4020 SV-SVE RPT\WORKSPACE\12.16.2020\FIGURE 1 INVESTIGATION AREA LOCATION MAP.DWG Last edited: Dec. 18, 20 @ 7:55 AM by:



CONTOUR INTERVAL = 5 FT

0 2000

SCALE FEET

N

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

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

PROJECT NO. 60643618

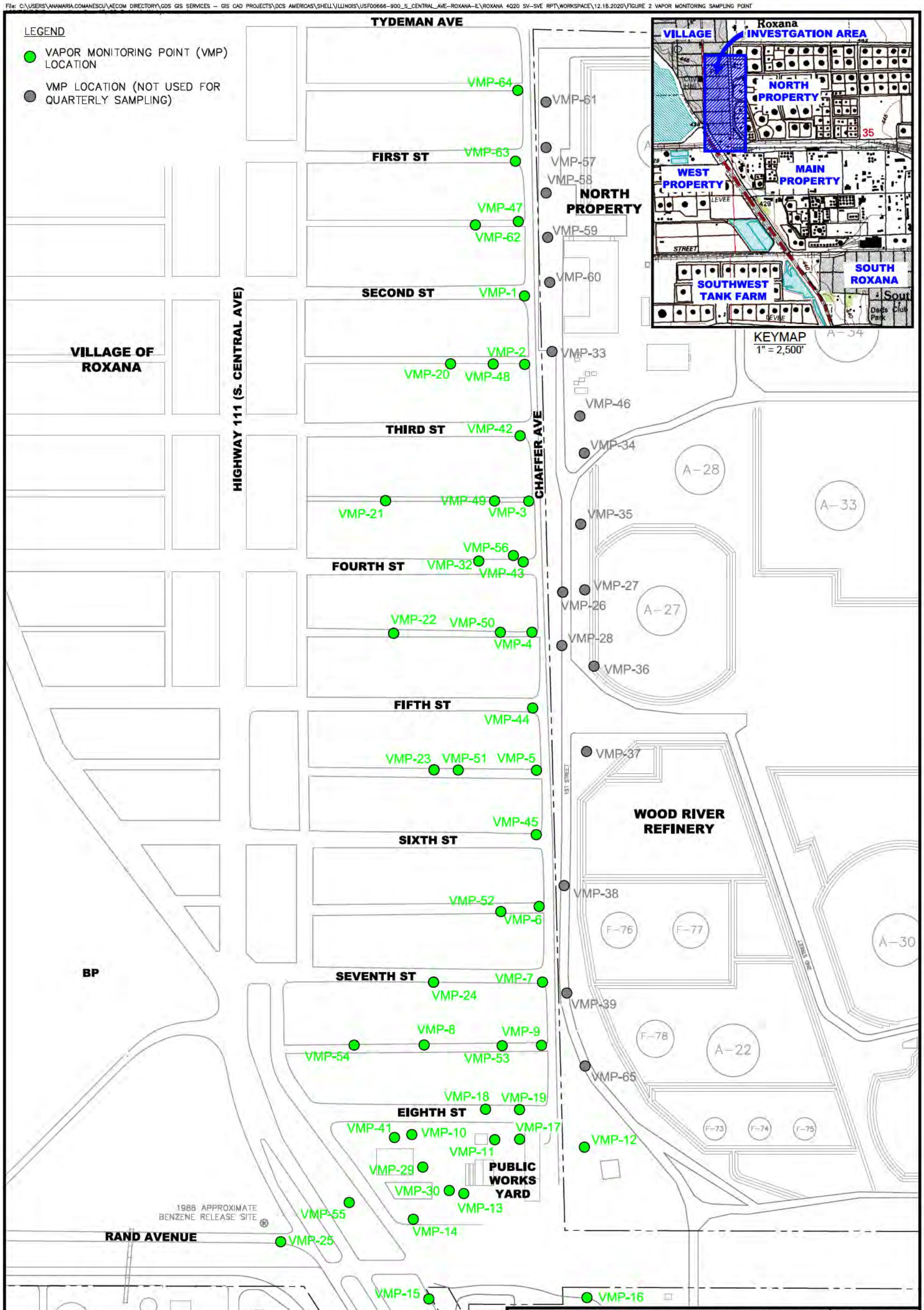
AECOM

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

Investigation Area Location Map

FIG. NO. 1

File: C:\USERS\ANAMARIA.COMANESCU\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 4Q20 SV-SVE RPT\WORKSPACE\12.16.2020\FIGURE 2 VAPOR MONITORING SAMPLING POINT



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ROXANA, ILLINOIS

PROJECT NO. 60643618

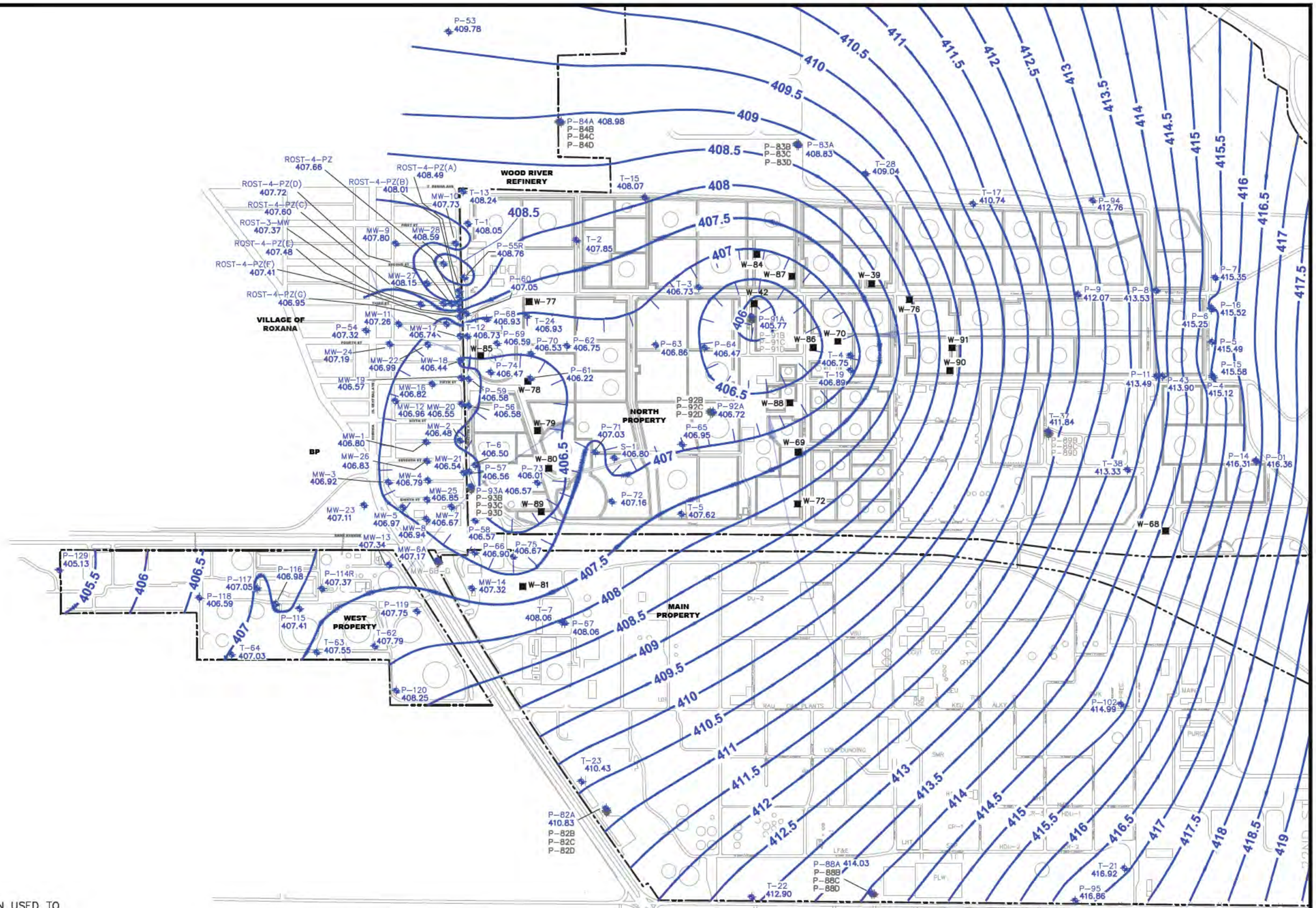
AECOM

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

Vapor Monitoring Point Sampling Locations

FIG. NO. 2

NOTES:
1. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 14 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
2. ELEVATIONS ARE RELATIVE TO NAVD 88.
3. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED OCTOBER 5–7, 2020.



LEGEND

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

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ROXANA, ILLINOIS

PROJECT NO. 60643618

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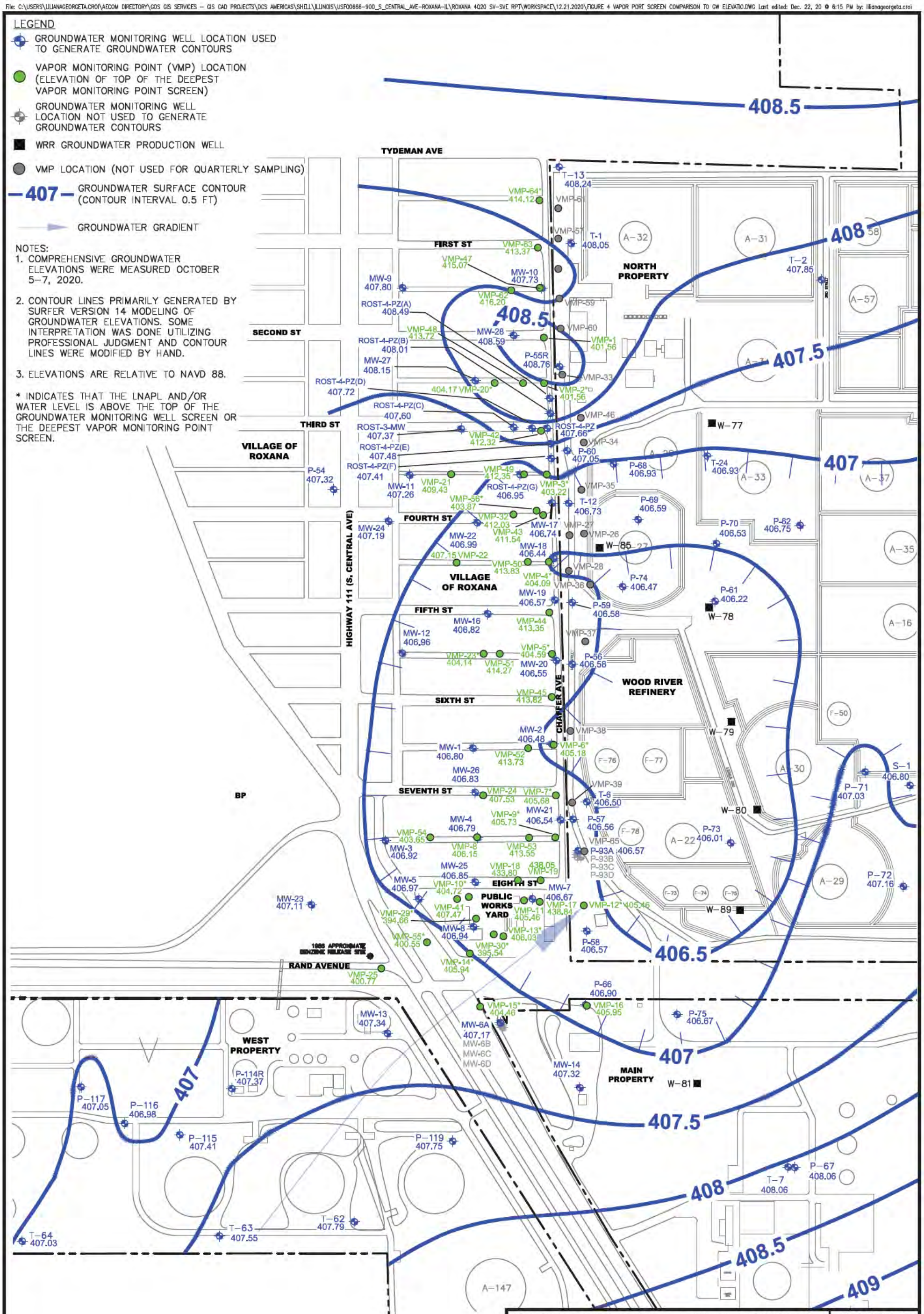
DSGN. BY:gds
CHKD. BY:mr/b3

Groundwater Contours 4Q20

FIG. NO. 3

File: C:\USERS\ANAMARIA.COMANESCU\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q20 SV-SVE RPT\WORK\12.16.2020\FIGURE 3A ROX 4Q20 CONTOUR MAP (800 SCALE).DWG Last edited: Dec. 18, 20 @ 8:12 AM by: anamaria.comanescu

File: C:\USERS\LILIANAGEORGETA.CROI\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 4Q20 SV-SVE RPT\WORKSPACE\12.21.2020\FIGURE 4 VAPOR PORT SCREEN COMPARISON TO GW ELEVATIO.DWG Last edited: Dec. 22, 20 @ 6:15 PM by: lilianageorgeta.croi



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ROXANA, ILLINOIS

PROJECT NO. 60643618

AECOM

DRN. BY: gds January 2021
DSGN. BY: gds
CHKD. BY: smf

4Q20
Vapor Port Screen Comparison to Groundwater Elevation

FIG. NO. 4

File: C:\USERS\LILIANAGEORGETA.CROI\AECOM DIRECTORY\GDBC5B~1\DCSAME~1\SHELL\ILLINOIS\USF006~2\RQA244~1\WORKSP~1\20210104\FIGURE 5 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (VILLAGE).DWG Last edited: Jan. 4, 21 @ 3:33 PM by: liliana.georgeta.croi

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-47	5 ft	**0.0072 J / 0.028 J**	<0.0045	<0.0039	<0.0039
	10 ft	**0.002 J**	<0.0044 / <0.0045	<0.0038 / <0.0038	<0.0037
	20 ft	<0.0042	<0.0043	<0.0038	<0.0042
	30 ft	<0.0045	<0.0043	<0.0039	<0.0037 / <0.0036

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-82	5 ft	<0.0038	**0.0013 J**	<0.0039	<0.0039
	10 ft	<0.0041	<0.0048	<0.0036	<0.0039
	20 ft	<0.0046	<0.0043 / <0.0044	<0.0037	<0.004
	30 ft	<0.0043	<0.0046	<0.0038	<0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-48	5 ft	<0.0048	<0.0047	<0.0036	<0.0037
	10 ft	<0.0047	<0.0043	<0.0042 / <0.0039	<0.0042
	20 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	<0.004
	30 ft	<0.0046	Not Sampled[1]	<0.004	<0.004

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-20	5 ft	<0.0038	<0.0041	<0.0039	**0.00094 J**
	10 ft	<0.004	<0.0041	<0.004	<0.0037
	25 ft	<0.0044	<0.0042	<0.0038	<0.0036
	39.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-49	5 ft	<0.0039	<0.0047	<0.004 / <0.0043	<0.0041
	10 ft	<0.0046	<0.0039	**0.00037 J**	<0.0042
	20 ft	<0.0043	<0.0039 / <0.0041	**0.00044 J**	<0.004
	30 ft	<0.0041	<0.004	**0.00037 J**	<0.32

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-32	5 ft	<0.006	**0.00092 J**	<0.0042	<0.0042
	10 ft	<0.0043	<0.0044	**0.0012 J**	<0.0038
	20 ft	<0.0043	<0.0044	<0.004	<0.0041
	30 ft	<0.0046	Not Sampled[1]	<0.0042	<0.0041 / <0.0045

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-21	5 ft	<0.0044	**0.0026 J**	**0.00038 J**	<0.0039
	10 ft	<0.0045	<0.0039	<0.0037	<0.004
	25 ft	<0.0044	<0.0044	<0.0042	<0.0041
	33 ft	<0.0046	<0.0038	<0.0042	**0.00042 J**

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-22	5 ft	<0.0039	<0.0041	<0.0042	<0.0039
	10 ft	**0.0021 J**	**0.0011 J**	**0.0022 J**	<0.004
	18 ft	<0.0039	<0.0041	<0.0044	**0.00063 J**
	38 ft	<0.0042 / <0.0042	<0.004 / <0.0042	Not Sampled[1]	<0.004

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-23	5 ft	<0.0039	<0.004	**0.033**	<0.004
	10 ft	<0.0038	<0.004	<0.0043	<0.0039 / <0.0039
	25 ft	<0.0035 / <0.0035	<0.0042 / **0.0046**	**0.0015 J**	<0.0039
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-52	5 ft	<0.0047	**0.0009 J**	<0.0037 / <0.004	<0.0041
	10 ft	Not Sampled[1]	<0.0039	Not Sampled[1]	<0.0039
	20 ft	<0.0039	<0.0041	<0.0043	<0.0038
	30 ft	<0.0044	<0.004 / <0.004	<0.0043	<0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-53	5 ft	<0.0045	<0.0041	**0.00067 J**	<0.0041
	10 ft	<0.0038	<0.004	<0.0043	<0.0037
	20 ft	<0.004	**0.0011 J**	**0.00083 J**	<0.004
	30 ft	<0.0041 / <0.0042	<0.0043	<0.0039	<0.0038

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-24	5 ft	<0.0047 / <0.0041	<0.0042	<0.004	**0.0005 J**
	10 ft	<0.0048	<0.004	<0.0039	**0.00035 J**
	22 ft	<0.0044	<0.004 / <0.0042	**0.00037 J**	<0.0038
	34 ft	<0.0045	<0.004	<0.0042	**0.0008 J / 0.00033 J**

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-8	5 ft	<0.0044 / <0.0045	<0.0041	<0.0039	<0.004
	9.5 ft	<0.0044	<0.004	<0.0041 / <0.0038	<0.0041
	23.5 ft	<0.0042	**0.002 J**	<0.0038	<0.0039
	35.5 ft	<0.0043	<0.0041	**0.00084 J**	<0.004 / <0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-54	5 ft	<0.0054	<0.0042 / **0.001 J**	**0.00036 J**	<0.0039
	10 ft	<0.004	<0.0043	<0.0043	<0.004
	20 ft	<0.0041	<0.004	<0.0042	<0.0041
	30 ft	<0.0048	<0.0042	**0.0015 J**	<0.0038

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-18	8.5 ft	<0.0047	<0.0038 / <0.0038	Not Sampled[1]	<0.0036

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-64	5 ft	<0.0043	<0.0041	**0.00091 J**	<0.0037
	10 ft	<0.0043	<0.0036	<0.004	<0.004
	20 ft	<0.0046	<0.004 / <0.0039	<0.004 / <0.004	<0.0037
	28 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-63	5 ft	<0.0043 / <0.0046	<0.0038	<0.004	**0.00089 J**
	10 ft	**0.002 J**	<0.0043	<0.0043	<0.0037
	20 ft	<0.0044	<0.0038	<0.0039	<0.004
	30 ft	<0.0044	<0.004	<0.0039 / <0.0037	**0.00062 J / 0.005 J**

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-1	5 ft	<0.0039	<0.0042	<0.0038	<0.0042
	8.5 ft	<0.0046	<0.0041	<0.004	<0.004
	23.5 ft	<0.004	<0.0038	<0.0042	<0.0041
	38.5 ft	<0.0041	Not Sampled[1]	<0.004	<0.0036

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-2	5 ft	<0.0042	**0.0013 J**	<0.0037	<0.0042
	8.5 ft	<0.0044	**0.0012 J**	<0.0038	<0.0039
	22 ft	<0.0044	<0.0045 / **0.0027 J**	<0.0041	**0.091**
	42 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-42	10 ft	<0.0047	<0.0047	<0.004	<0.0039
	20 ft	<0.0045	<0.0044 / <0.0041	<0.0039	<0.0039
	30 ft	<0.0046	<0.005	<0.0039	<0.004 / <0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-3	5 ft	<0.0054 / <0.0044	<0.0043	<0.0042	<0.0039
	10 ft	<0.0037	Not Sampled[1]	<0.004	<0.0043
	22 ft	<0.0041	<0.0046	<0.0042	<0.0043
	31.5 ft	<0.038	**0.48 J**	**0.0089 J**	<4
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-56	10 ft	<0.0045	<0.0042	**0.0016 J / 0.0021 J**	<0.0039
	25 ft	<0.0041	<0.0044	<0.004	**0.00094 J / 0.0023 J**
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-43	10 ft	<0.0038	<0.0043	<0.0042	<0.0042
	20 ft	<0.0044	<0.0044	<0.0044	<0.004
	30 ft	<0.0042	<0.0041	<0.0042	<0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-50	5 ft	<0.0044	<0.0042	<0.0041	<0.0036
	10 ft	<0.0045	<0.0044	<0.0037	<0.0039
	20 ft	<0.0044	<0.0041	<0.0039	<0.0039 / <0.0042
	30 ft	<0.086	<0.054	<0.04	<0.0079

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-4	5 ft	<0.0041	<0.0041	<0.0039 / <0.0041	**0.0012 J**
	12 ft	<0.004	<0.0043	**0.0046**	<0.0039
	23.5 ft	<0.0043	**0.0014 J**	<0.0041	<0.0038 / <0.0039
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-44	10 ft	<0.0047	**0.00069 J**	<0.0038	Not Sampled[2]
	20 ft	<0.0046	<0.0039	<0.004	Not Sampled[2]
	30 ft	<0.0038 / <0.0039	<0.004	Not Sampled[1]	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-5	5 ft	<0.0036	<0.0038	<0.0041	<0.0038
	12.5 ft	<0.0042	<0.0039	<0.004	<0.0039
	31 ft	<0.004	<0.004	<0.0039 / <0.004	<0.0044 / <0.0041
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-51	5 ft	<0.0045 / <0.0044	<0.0038	<0.0038	<0.0041
	10 ft	<0.0044	<0.0041	**0.00098 J**	<0.0041
	20 ft	<0.0038	<0.0042	<0.0042	<0.0042
	30 ft	**0.0019 J**	<0.0037	<0.0039	<0.0043

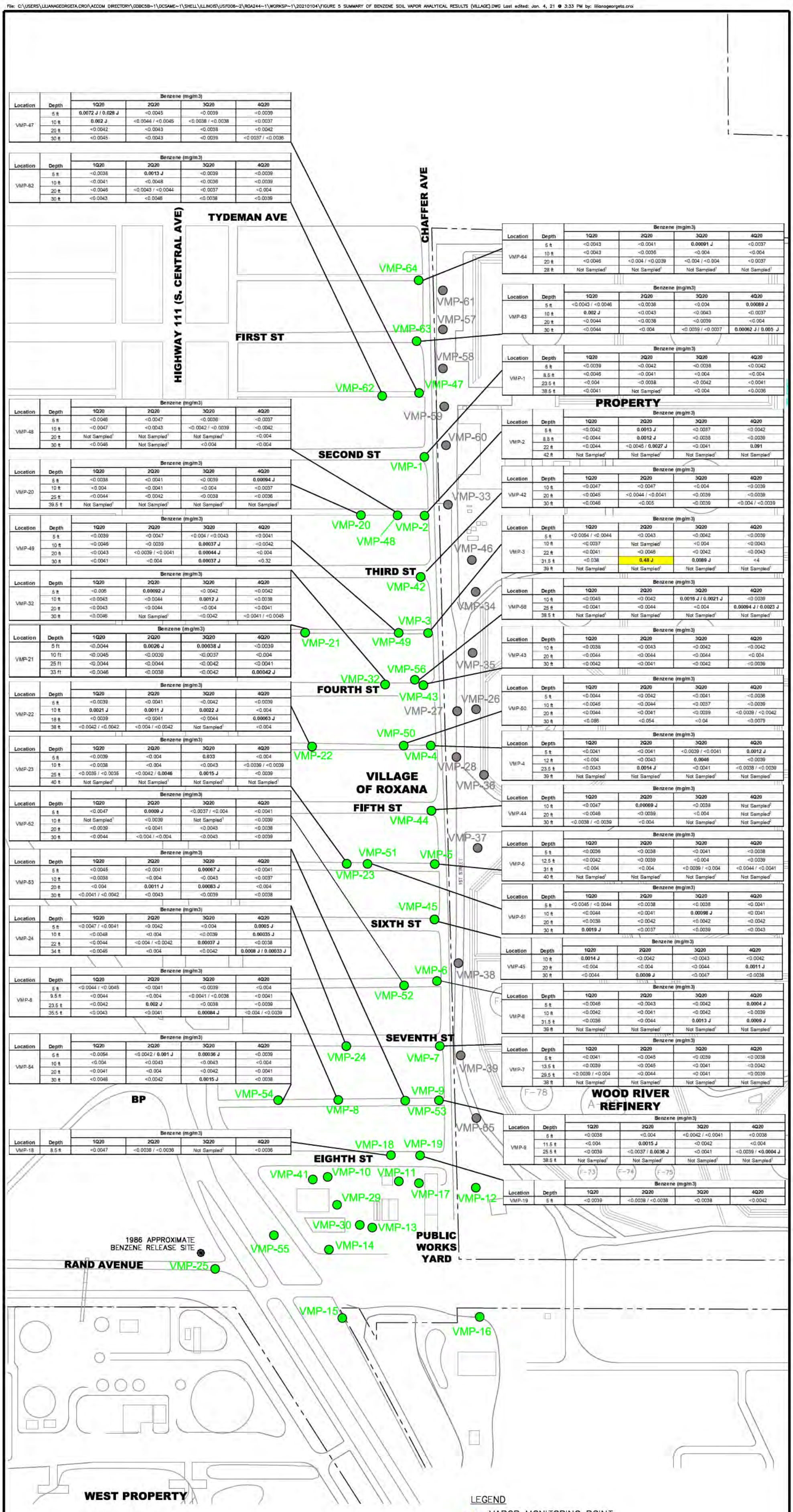
Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-45	10 ft	**0.0014 J**	<0.0042	<0.0043	<0.0042
	20 ft	<0.004	<0.004	<0.0044	**0.0011 J**
	30 ft	<0.0044	**0.0009 J**	<0.0047	<0.0038

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-6	5 ft	<0.0046	<0.0043	<0.0042	**0.0004 J**
	10 ft	<0.0042	<0.0041	<0.0042	<0.0039
	31.5 ft	<0.0036	<0.0044	**0.0013 J**	**0.0009 J**
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-7	5 ft	<0.0041	<0.0045	<0.0039	<0.0038
	13.5 ft	<0.0039	<0.0045	<0.0041	<0.0042
	29.5 ft	<0.0039 / <0.004	<0.0044	<0.0041	<0.0039
	38 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-9	5 ft	<0.0038	<0.004	<0.0042 / <0.0041	<0.0038
	11.5 ft	<0.004	**0.0015 J**	<0.0042	<0.004
	25.5 ft	<0.0039	<0.0037 / **0.0036 J**	<0.0041	<0.0039 / **<0.0004 J**
	38.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-19	5 ft	<0.0039	<0.0038 / <0.0038	<0.0038	<0.0042



NOTES:

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

LEGEND

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

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SCALE FEET

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

PROJECT NO. 60643618

AECOM

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

4Q20 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana

FIG. NO. 5

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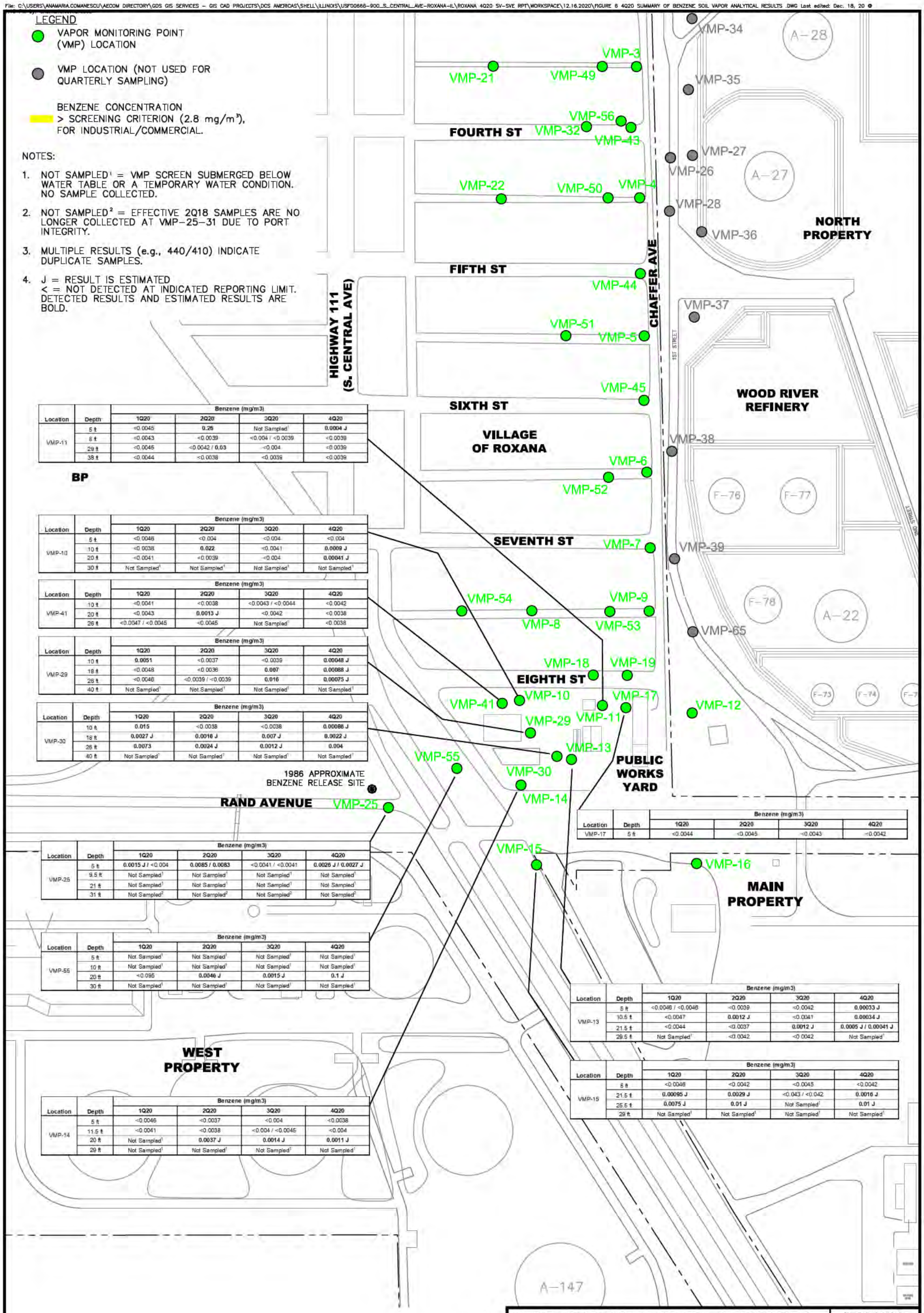
LEGEND

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

NOTES:

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



BP

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-11	5 ft	<0.0045	**0.26**	Not Sampled[1]	**0.0004 J**
	8 ft	<0.0043	<0.0039	<0.004 / <0.0039	<0.0039
	29 ft	<0.0045	<0.0042 / **0.03**	<0.004	<0.0039
	38 ft	<0.0044	<0.0038	<0.0039	<0.0039

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-10	5 ft	<0.0046	<0.004	<0.004	<0.004
	10 ft	<0.0038	**0.022**	<0.0041	**0.0009 J**
	20 ft	<0.0041	<0.0039	<0.004	**0.00041 J**
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-41	10 ft	<0.0041	<0.0038	<0.0043 / <0.0044	<0.0042
	20 ft	<0.0043	**0.0013 J**	<0.0042	<0.0038
	26 ft	<0.0047 / <0.0045	<0.0045	Not Sampled[1]	<0.0038

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-29	10 ft	**0.0051**	<0.0037	<0.0039	**0.00048 J**
	18 ft	<0.0048	<0.0036	**0.007**	**0.00088 J**
	26 ft	<0.0046	<0.0039 / <0.0039	**0.016**	**0.00075 J**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-30	10 ft	**0.015**	<0.0038	<0.0038	**0.00086 J**
	18 ft	**0.0027 J**	**0.0016 J**	**0.007 J**	**0.0022 J**
	26 ft	**0.0073**	**0.0024 J**	**0.0012 J**	**0.004**
	40 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-17	5 ft	<0.0044	<0.0045	<0.0043	<0.0042

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-25	5 ft	**0.0015 J** / <0.004	**0.0085** / **0.0083**	<0.0041 / <0.0041	**0.0026 J** / **0.0027 J**
	9.5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	21 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	31 ft	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]	Not Sampled[2]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-55	5 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	10 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]
	20 ft	<0.095	**0.0046 J**	**0.0015 J**	**0.1 J**
	30 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-13	5 ft	<0.0046 / <0.0046	<0.0039	<0.0042	**0.00033 J**
	10.5 ft	<0.0047	**0.0012 J**	<0.0041	**0.00034 J**
	21.5 ft	<0.0044	<0.0037	**0.0012 J**	**0.0005 J** / **0.00041 J**
	29.5 ft	Not Sampled[1]	<0.0042	<0.0042	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-15	5 ft	<0.0046	<0.0042	<0.0045	<0.0042
	21.5 ft	**0.00095 J**	**0.0029 J**	<0.043 / <0.042	**0.0016 J**
	25.5 ft	**0.0075 J**	**0.01 J**	Not Sampled[1]	**0.01 J**
	29 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-14	5 ft	<0.0046	<0.0037	<0.004	<0.0038
	11.5 ft	<0.0041	<0.0038	<0.004 / <0.0045	<0.004
	20 ft	Not Sampled[1]	**0.0037 J**	**0.0014 J**	**0.0011 J**
	29 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

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

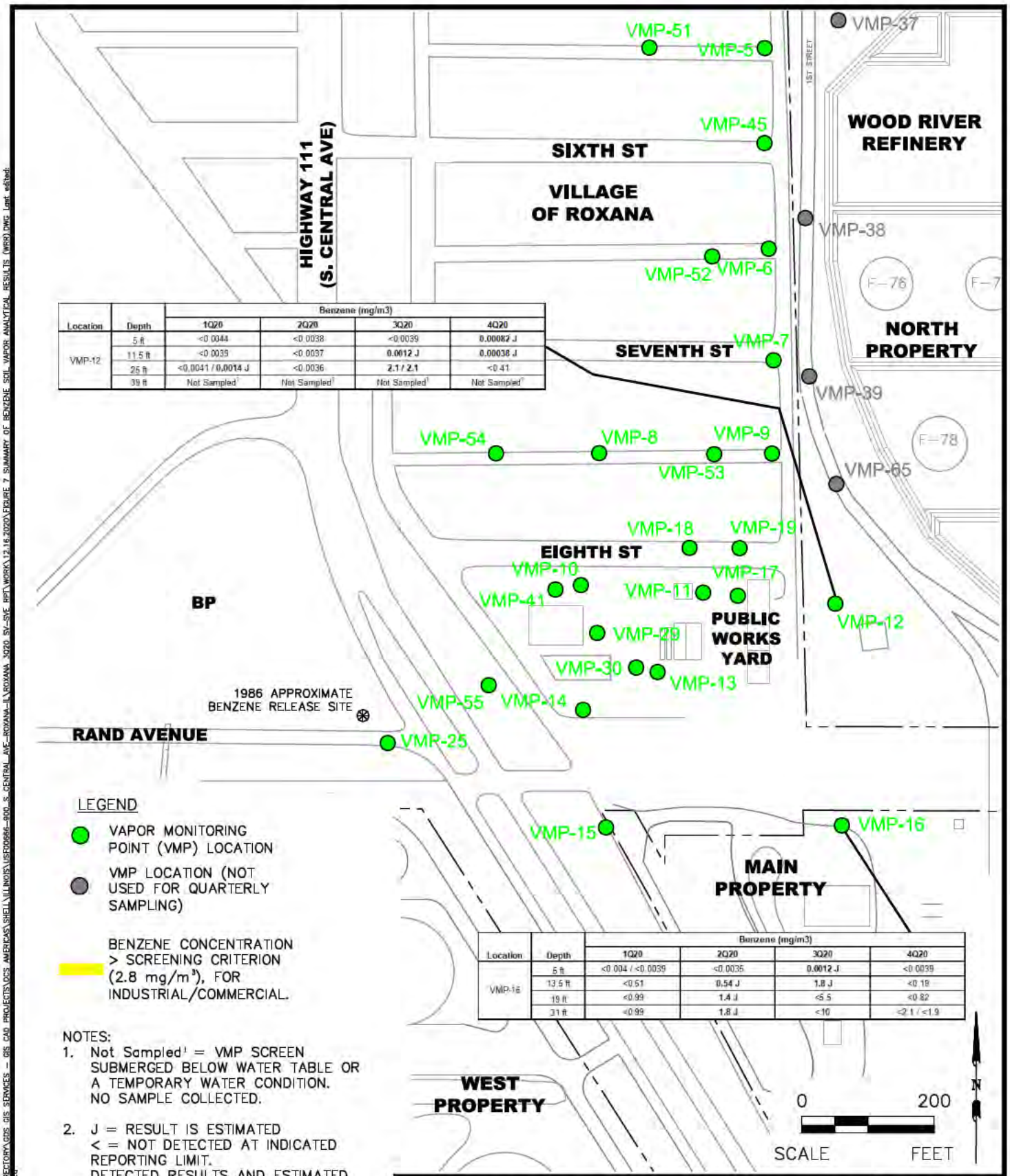
PROJECT NO. 60643618

AECOM

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

4Q20 Summary of Benzene Soil Vapor Analytical Results– Roxana Public Works Yard Area

FIG. NO. 6



Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-12	5 ft	<0.0044	<0.0038	<0.0039	**0.00082 J**
	11.5 ft	<0.0039	<0.0037	**0.0012 J**	**0.00038 J**
	25 ft	<0.0041 / **0.0014 J**	<0.0036	**2.1 / 2.1**	<0.41
	39 ft	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]	Not Sampled[1]

Location	Depth	Benzene (mg/m3) 1Q20	2Q20	3Q20	4Q20
VMP-16	5 ft	<0.004 / <0.0039	<0.0035	**0.0012 J**	<0.0039
	13.5 ft	<0.51	**0.54 J**	**1.8 J**	<0.18
	19 ft	<0.99	**1.4 J**	<5.5	<0.82
	31 ft	<0.99	**1.8 J**	<10	<2.1 / <1.9

LEGEND

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

NOTES:

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

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
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ROXANA, ILLINOIS

PROJECT NO. 60643618

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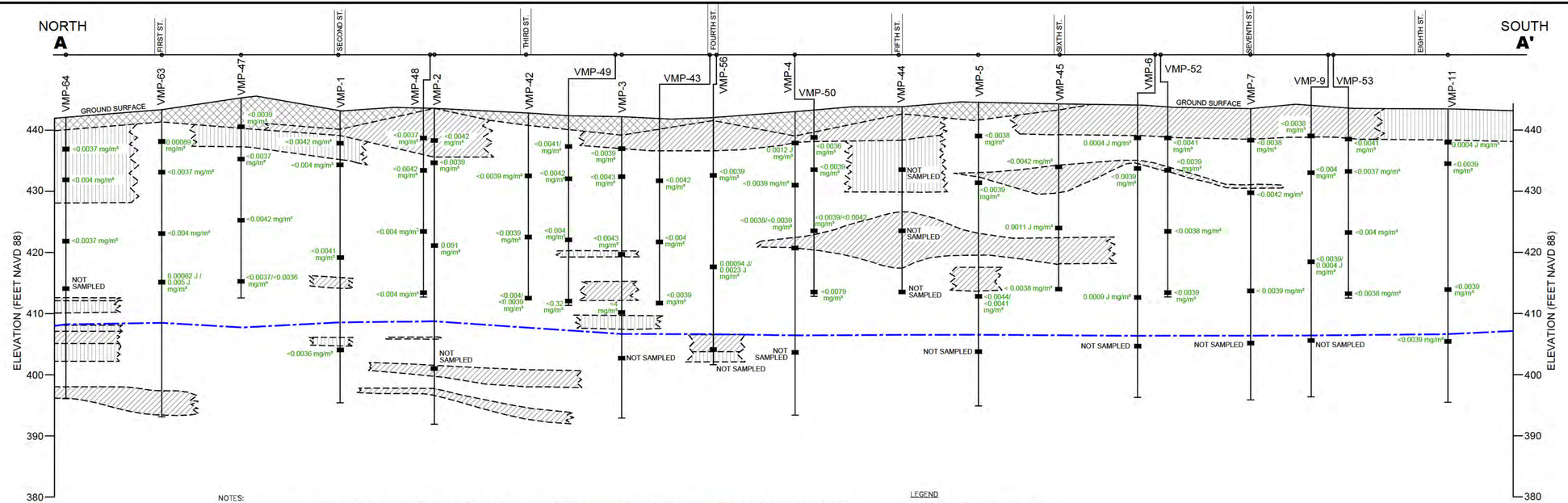
DRN. BY: gds January 2021
DSGN. BY: djd
CHKD. BY: smf

4Q20 Summary of Benzene Soil Vapor Analytical Results – WRR

FIG. NO. 7

File: C:\USERS\ANAMARIA.COMANESCU\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q20 SV-SVE RPT\WORK\12.16.2020\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG Last edited:



KEYMAP
NOT TO SCALE

NOTES:

1. SOIL VAPOR BENZENE CONCENTRATIONS FROM THE 4Q20 SAMPLING EVENT ARE DEPICTED IN GREEN. VALUES DEPICTED IN ORANGE EXCEED BENZENE SCREENING CRITERION (0.37 mg/m³ FOR VMP 1–9, 32, AND 42–45, 47–50, 52, 53, 56, 63, AND 64 [RESIDENTIAL] AND 2.8 mg/m³ FOR VMP–11 [COMMERCIAL/INDUSTRIAL]).
2. GROUNDWATER ELEVATIONS SHOWN ON THIS CROSS–SECTION ARE BASED ON GROUNDWATER GAUGING DATA COLLECTED OCTOBER 5–7, 2020.
3. THIS GEOLOGIC CROSS–SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
4. CROSS–SECTION TRACE LINE SHOWS DISTANCE AND DIRECTION EACH POINT WAS PROJECTED TO CONSTRUCT THIS CROSS–SECTION.
5. VMPs OFFSET FROM CROSS–SECTIONAL LINE (VMP–43, VMP–48, VMP–49, VMP–50, VMP–52, AND VMP–53) ARE INCLUDED TO DISPLAY BENZENE CONCENTRATION DATA ONLY.

LEGEND

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

0 10 VERTICAL SCALE FEET

0 100 APPROXIMATE HORIZONTAL SCALE FEET

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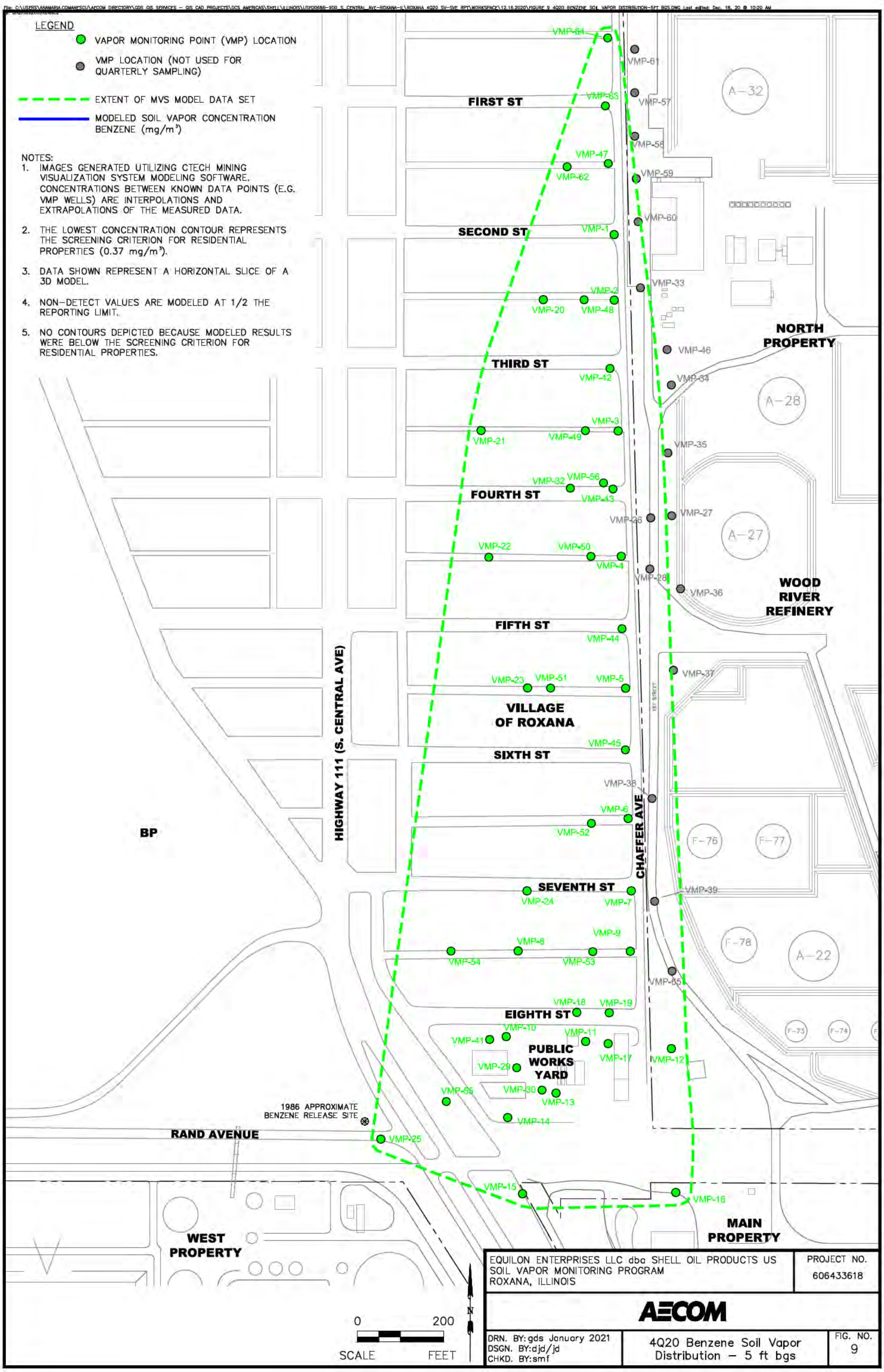
AECOM	
DRN. BY: gds January 2021 DSGN. BY: cjz CHKD. BY: smf	4Q20 Cross–Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue
	FIG. NO. 8



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PROJECT NO. 606433618

AECOM

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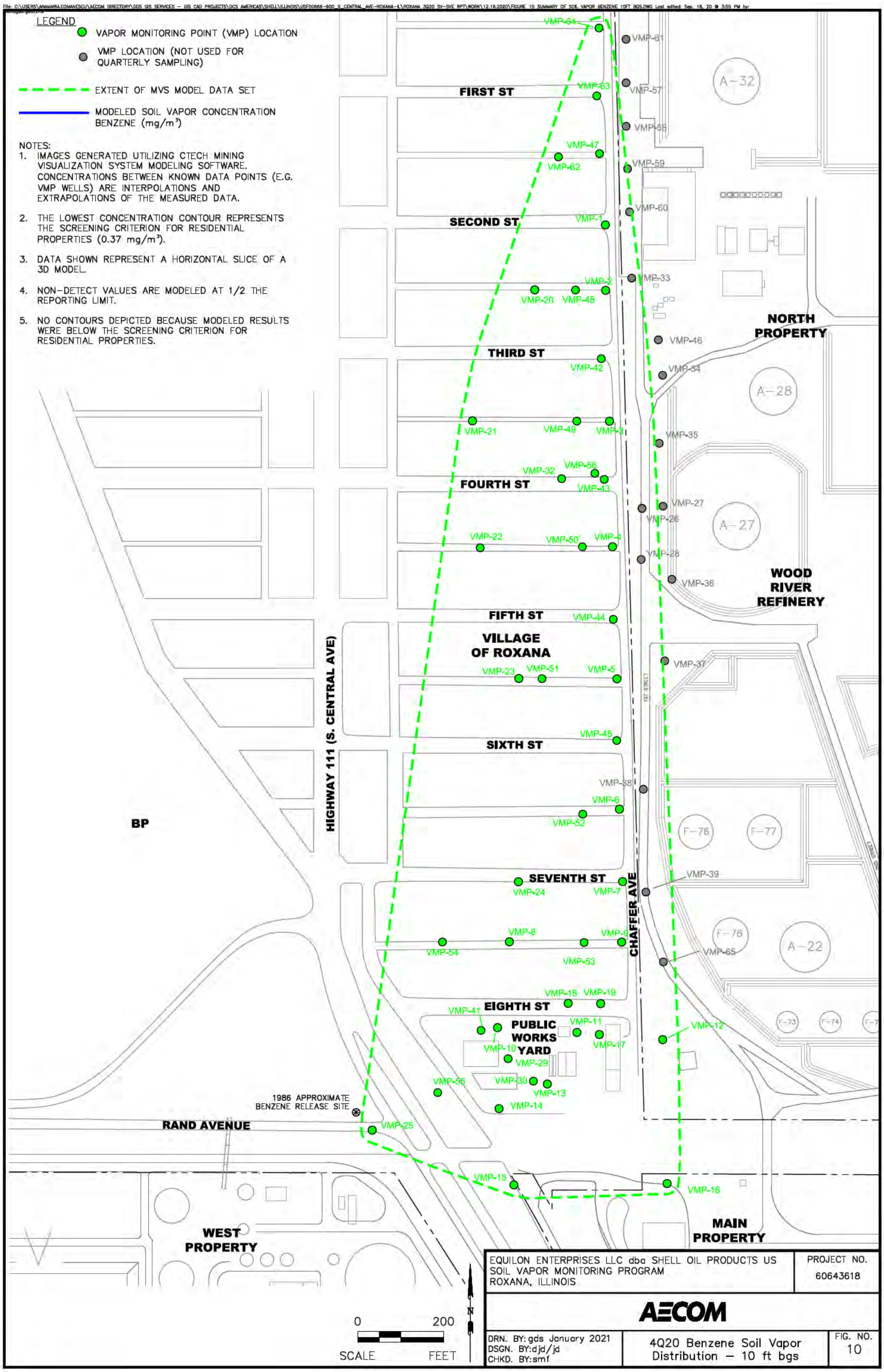
DSGN. BY: djd/jd
CHKD. BY: smf

4Q20 Benzene Soil Vapor Distribution – 5 ft bgs

FIG. NO. 9



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AECOM

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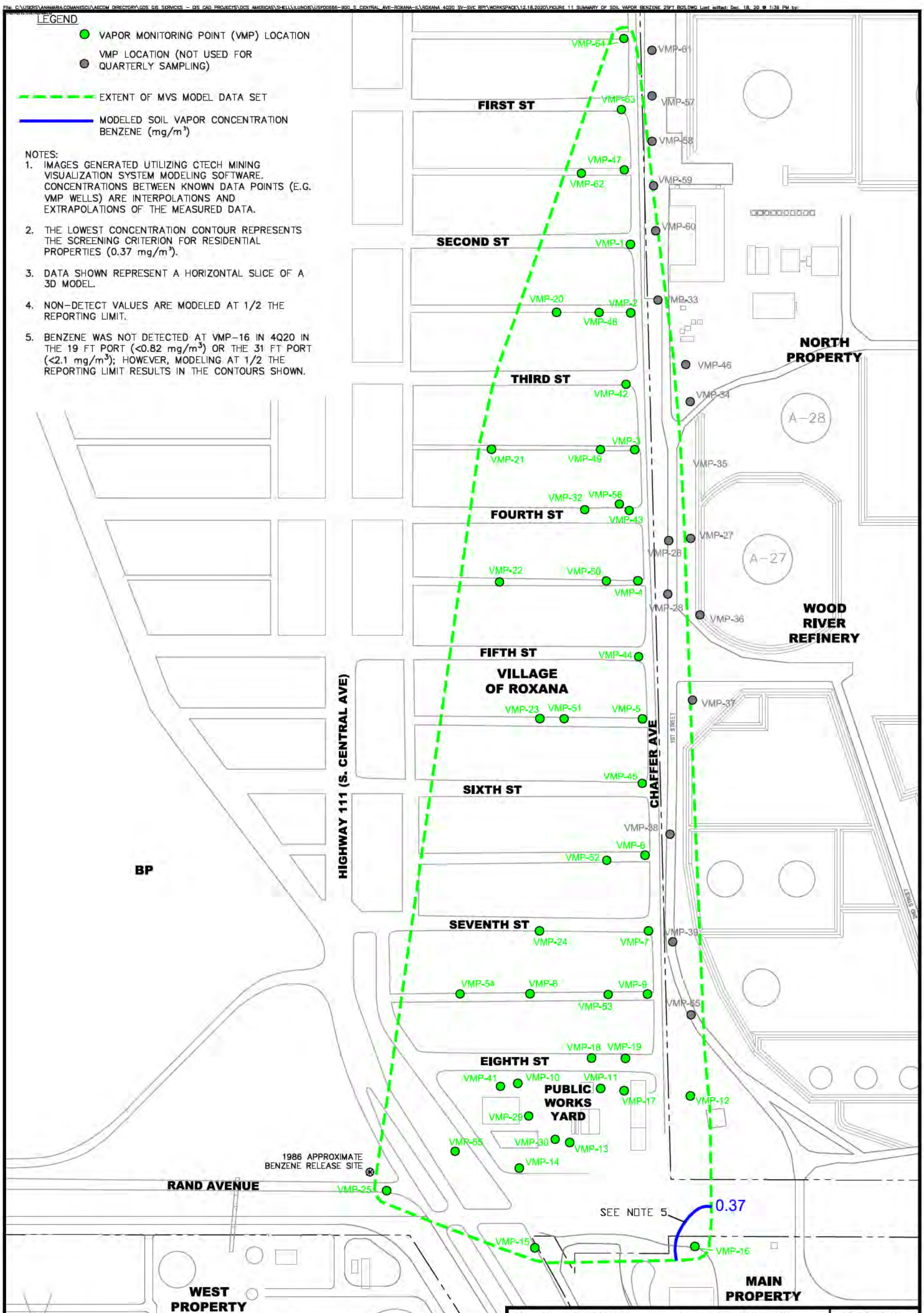
DSGN. BY: djd/jd
CHKD. BY: smf

4Q20 Benzene Soil Vapor Distribution – 10 ft bgs

FIG. NO. 10



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
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PROJECT NO. 60643618

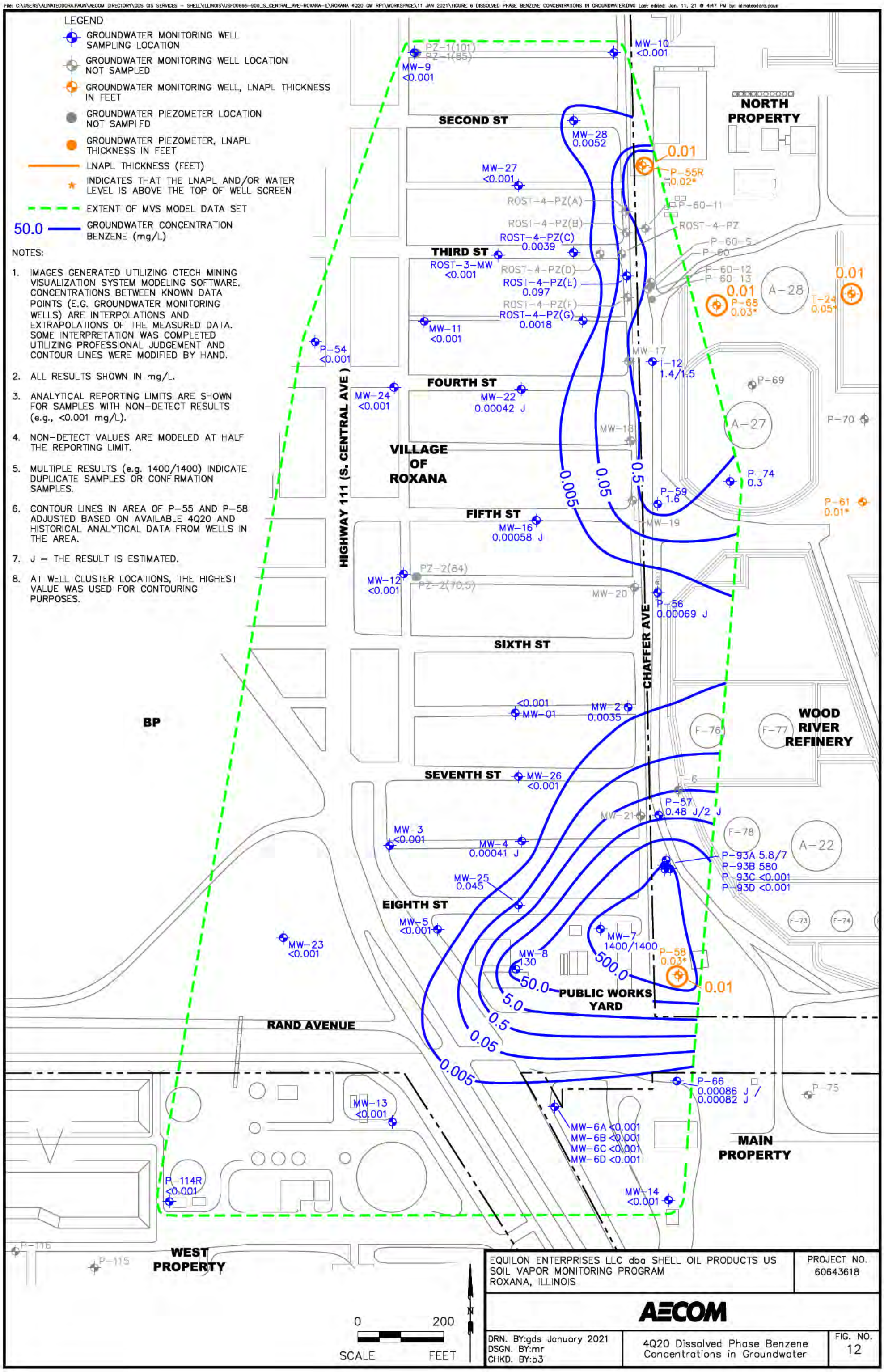
AECOM

DRN. BY: gds January 2021
DSGN. BY: djd/jd
CHKD. BY: smf

4Q20 Benzene Soil Vapor Distribution – 25 ft bgs

FIG. NO. 11

File: C:\USERS\ALINATEODORA.PAUN\AECOM DIRECTORY\GDS GIS SERVICES – SHELL\ILLINOIS\USF00666–900_S_CENTRAL_AVE–ROXANA–IL\ROXANA 4Q20 GW RPT\WORKSPACE\11 JAN 2021\FIGURE 6 DISSOLVED PHASE BENZENE CONCENTRATIONS IN GROUNDWATER.DWG Last edited: Jan. 11, 21 @ 4:47 PM by: alinateodora.paun



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SOIL VAPOR MONITORING PROGRAM
ROXANA, ILLINOIS

PROJECT NO. 60643618

AECOM

DRN. BY:gds January 2021
DSGN. BY:mr
CHKD. BY:b3

4Q20 Dissolved Phase Benzene Concentrations in Groundwater

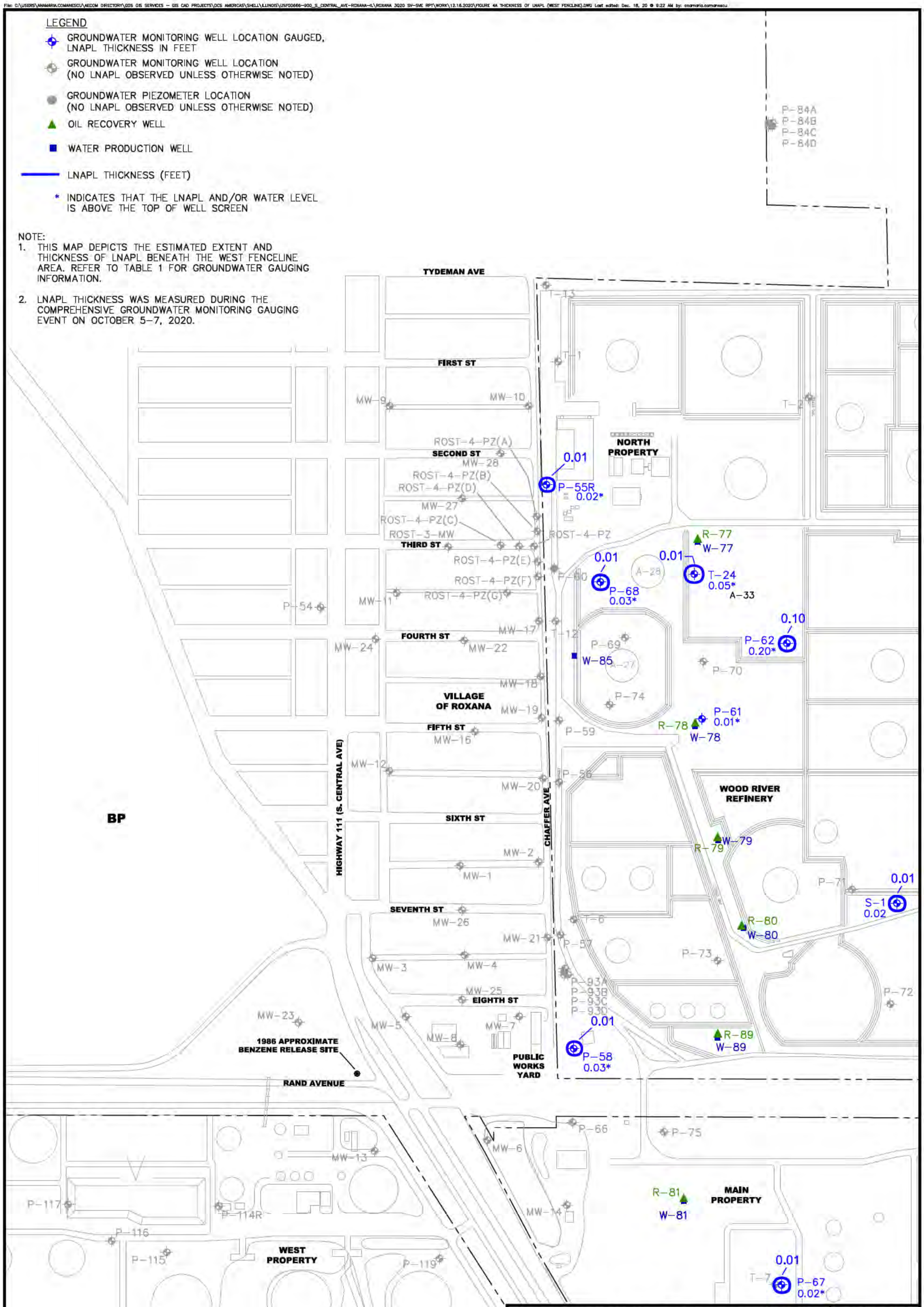
FIG. NO. 12

File: C:\USERS\ANAMARIA.COMANESCU\AECOM DIRECTORY\GDS GIS SERVICES – GIS CAD PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\USFD0666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 3Q20 SV-SVE RPT\WORK\12.16.2020\FIGURE 4A THICKNESS OF LNAPL (WEST FENCELINE).DWG Last edited: Dec. 18, 20 @ 9:22 AM by: anamaria.comanescu

LEGEND

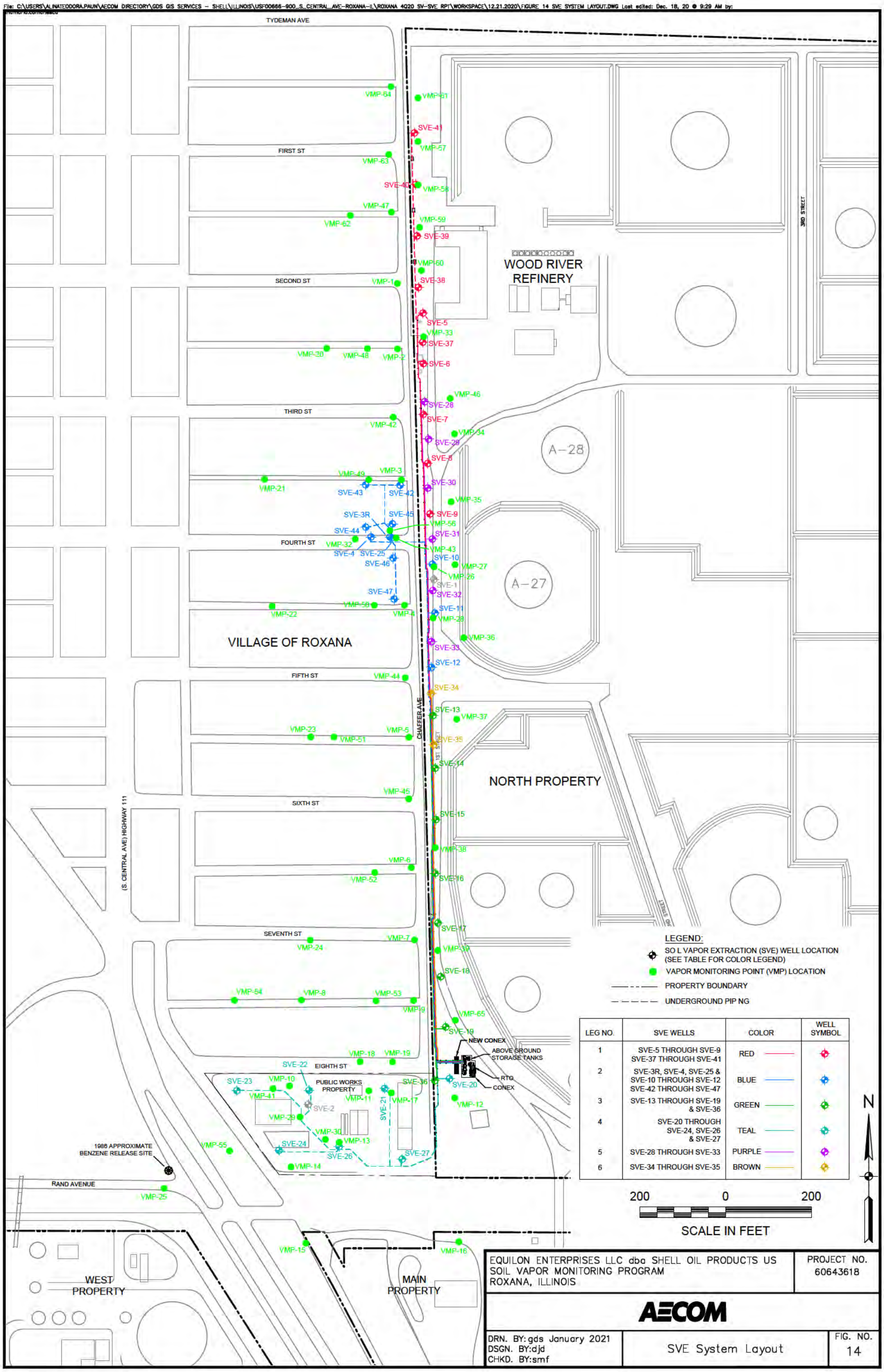
- GROUNDWATER MONITORING WELL LOCATION GAUGED, LNAPL THICKNESS IN FEET
- GROUNDWATER MONITORING WELL LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- GROUNDWATER PIEZOMETER LOCATION (NO LNAPL OBSERVED UNLESS OTHERWISE NOTED)
- OIL RECOVERY WELL
- WATER PRODUCTION WELL
- LNAPL THICKNESS (FEET)
-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

NOTE:
1. THIS MAP DEPICTS THE ESTIMATED EXTENT AND THICKNESS OF LNAPL BENEATH THE WEST FENCELINE AREA. REFER TO TABLE 1 FOR GROUNDWATER GAUGING INFORMATION.
2. LNAPL THICKNESS WAS MEASURED DURING THE COMPREHENSIVE GROUNDWATER MONITORING GAUGING EVENT ON OCTOBER 5-7, 2020.



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60643618
AECOM	
DRN. BY:gds January 2021 DSGN. BY:mr CHKD. BY:wmp\b3	4Q20 Thickness of LNAPL – West Fenceline
	FIG. NO. 13

File: C:\USERS\ALINATEODORA.PAUN\AECOM DIRECTORY\GDS GIS SERVICES - SHELL\ILLINOIS\USF00666-900_S_CENTRAL_AVE-ROXANA-IL\ROXANA 4Q20 SV-SVE RPT\WORKSPACE\12.21.2020\FIGURE 14 SVE SYSTEM LAYOUT.DWG Last edited: Dec. 18, 20 @ 9:29 AM by: mdmorris.contractor



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

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ROXANA, ILLINOIS

PROJECT NO. 60643618

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

SVE System Layout

FIG. NO. 14

Appendix A
Site Background and Regulatory History

APPENDIX A
SITE BACKGROUND AND REGULATORY HISTORY

Soil Vapor Sampling

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

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

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

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

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

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

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

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

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

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

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

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

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

SVE System

As presented in the June 2011 Conceptual/Final Design Report (URS, 2011b), the May 2012 SVE System Construction Completion Report (URS, 2012), and the February 2013 SVE System Construction Completion Report Addendum (URS, 2013), URS designed and constructed a SVE system along the WFL and within the Roxana Public Works Yard.

The SVE system consists of 45 SVE wells, 30 of which are located along the WFL, nine are located in the Village along East 4th Street west of Chaffer Avenue, and six are located in the Roxana Public Works Yard. The SVE wells are connected via 4-inch piping to vapor/liquid separators (VLS) and a rotary lobe positive displacement blower housed within a customized intermodal freight container ("conex"). Piping from the SVE wells feeds into the conex, where vapor moves through the VLS, before traveling through the blower and a baffle connected to a Regenerative Thermal Oxidizer (RTO). A system fan located on the RTO side of the baffle pushes the vapor into the RTO and adds fresh air to dilute the vapor stream as necessary.

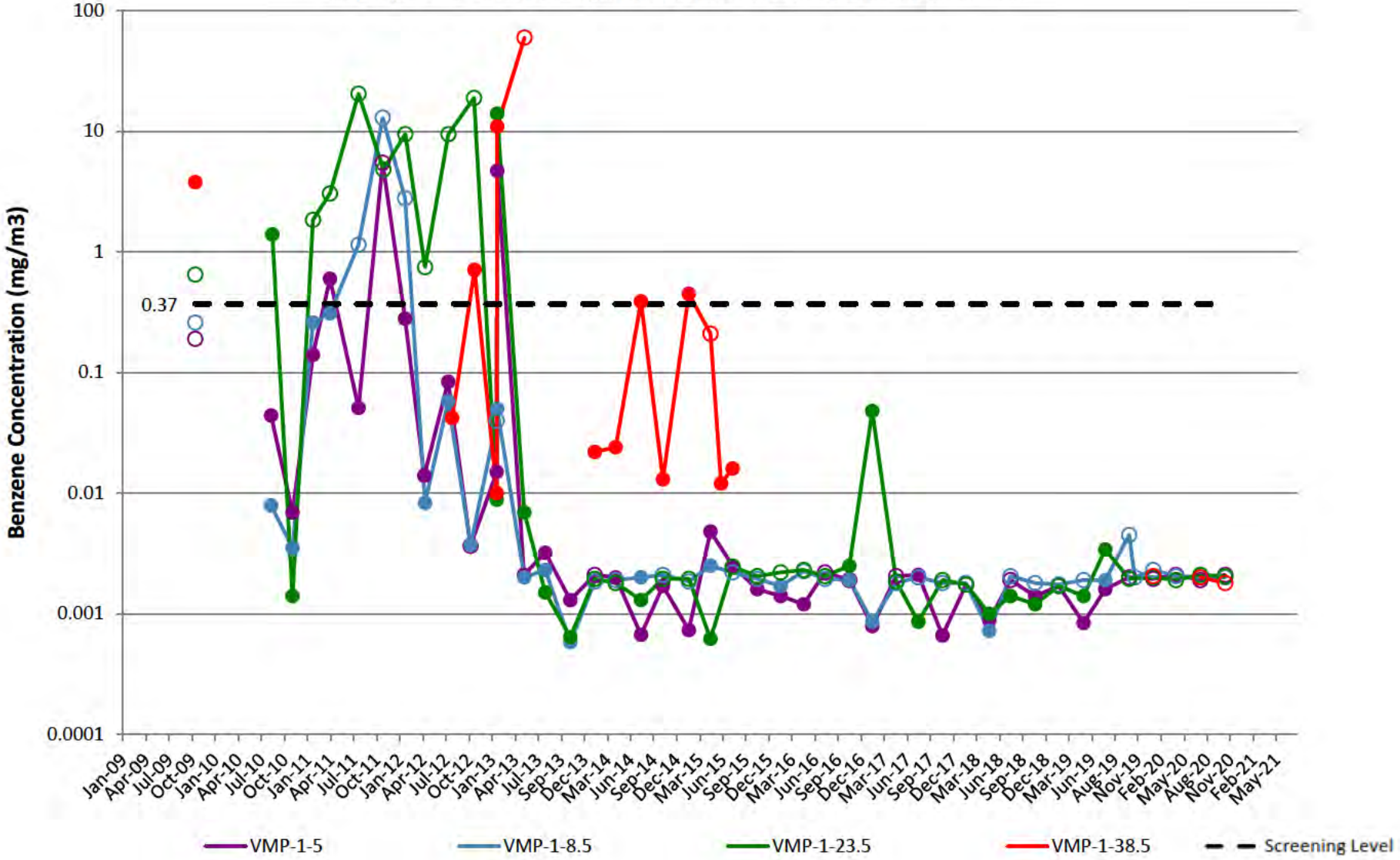
During 3Q13, URS designed an extension to the northernmost extent of the WFL portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013. All newly installed SVE wells were open and on-line by November 2013. Details associated with this system extension were documented in the SVE System Construction Completion Report Addendum No. 2, dated January 2014 (URS, 2014). During 3Q14 and 4Q14, AECOM designed and constructed an extension to the WFL portion of the SVE system on Shell-owned properties adjacent to 4th Street and Chaffer Avenue in Roxana, IL. Six additional SVE wells (SVE wells 42 through 47) were brought on-line in November 2014.

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

Appendix B
Benzene and Methane Charts

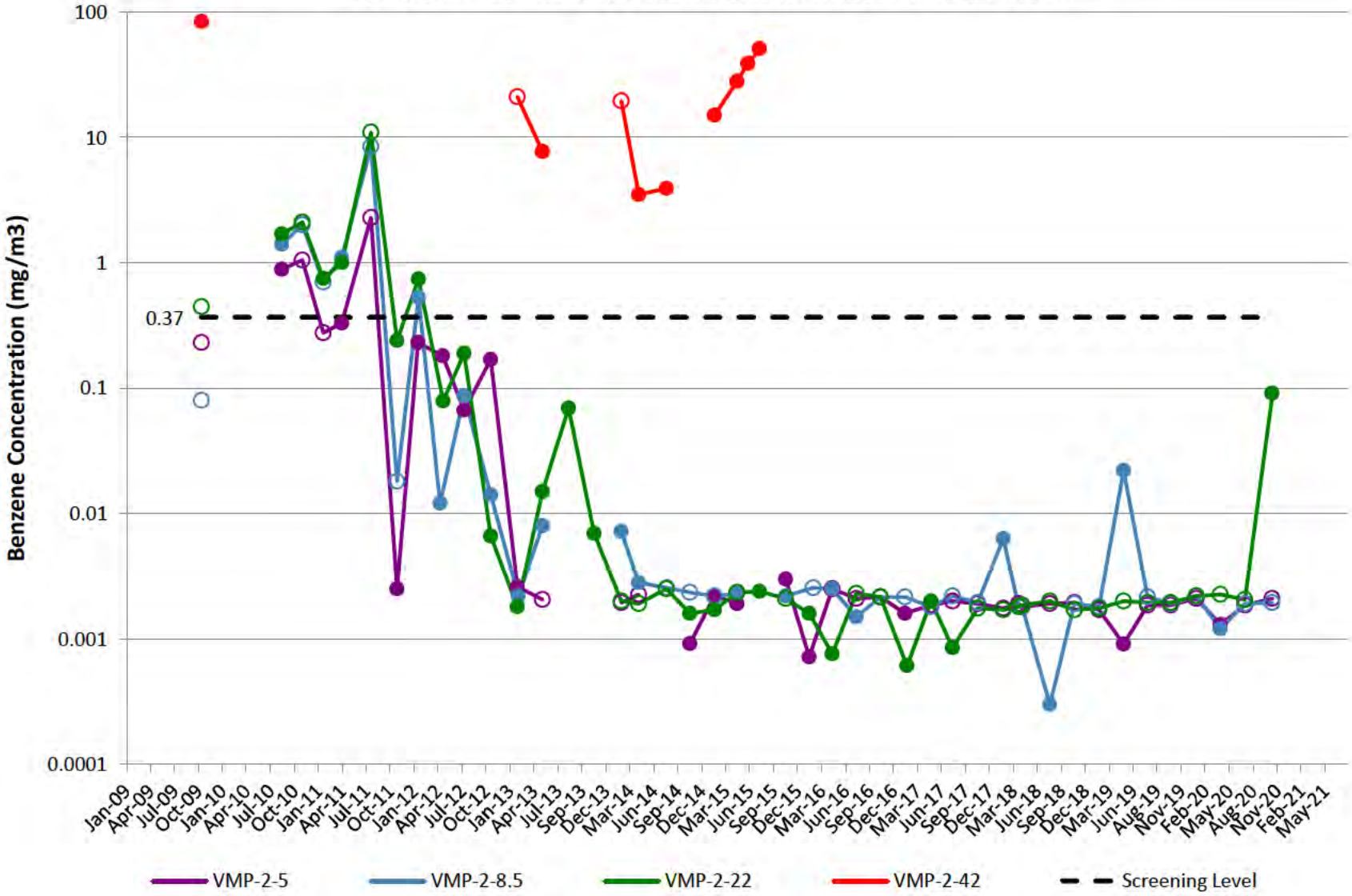
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



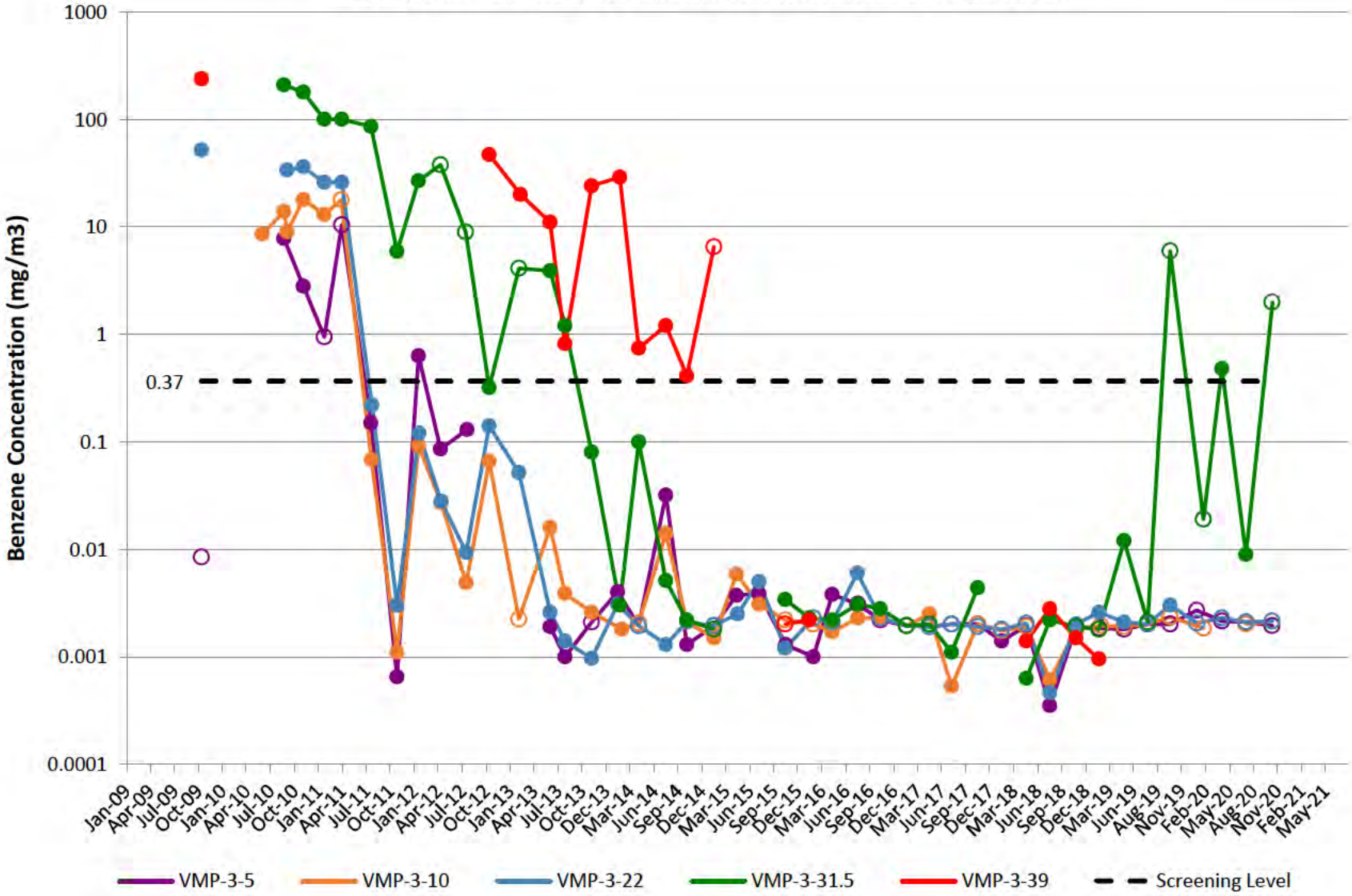
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



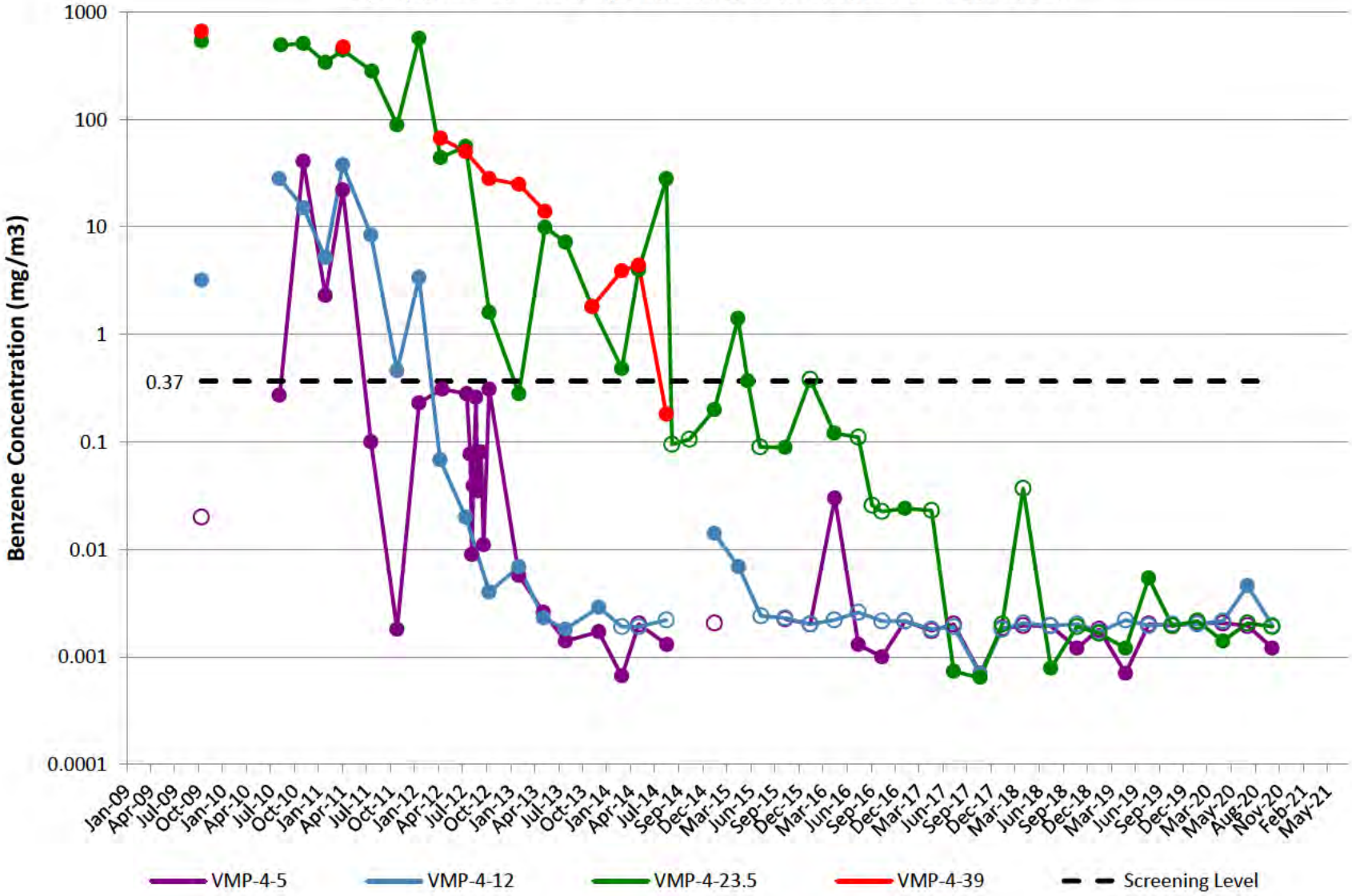
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



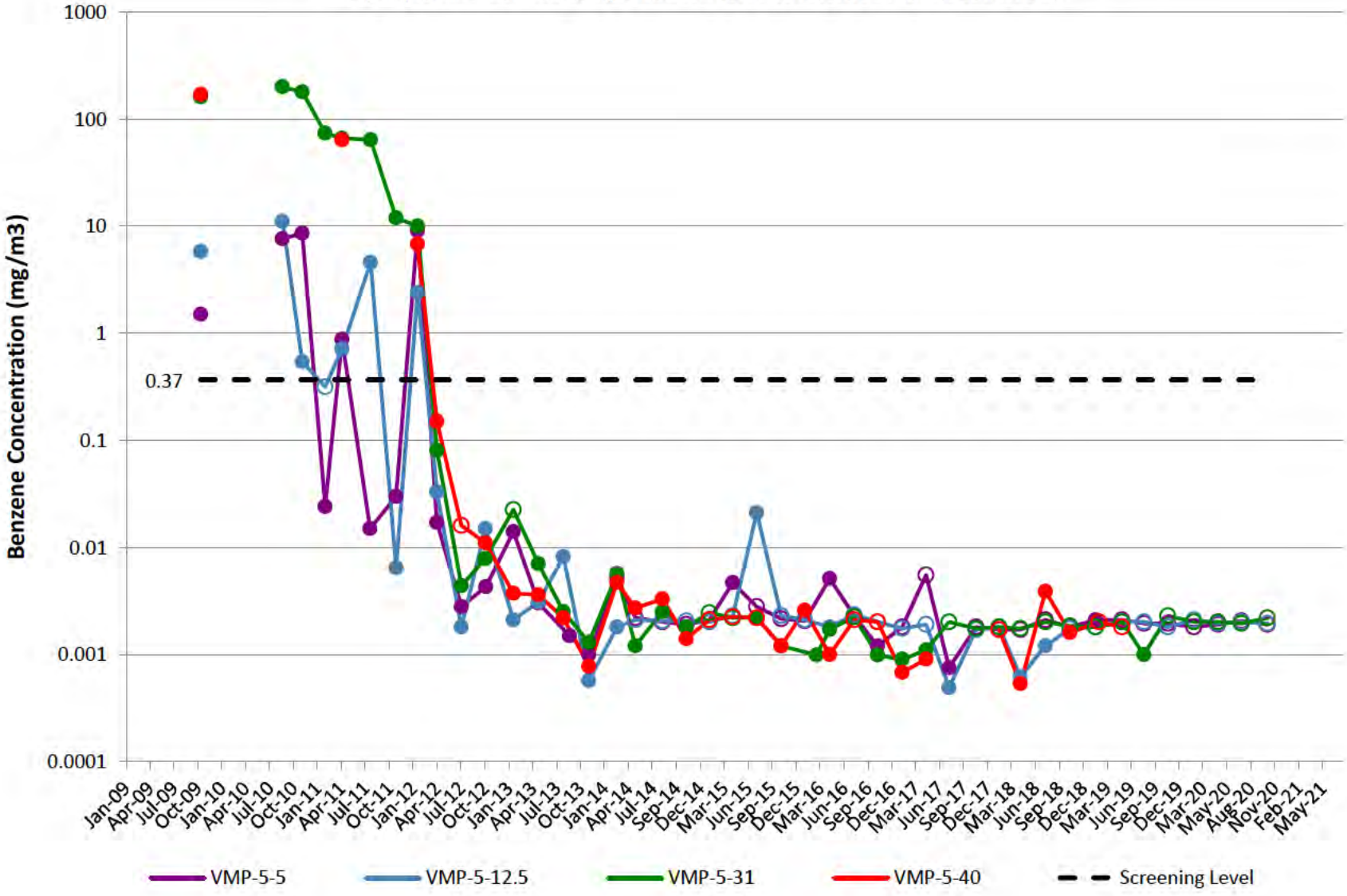
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



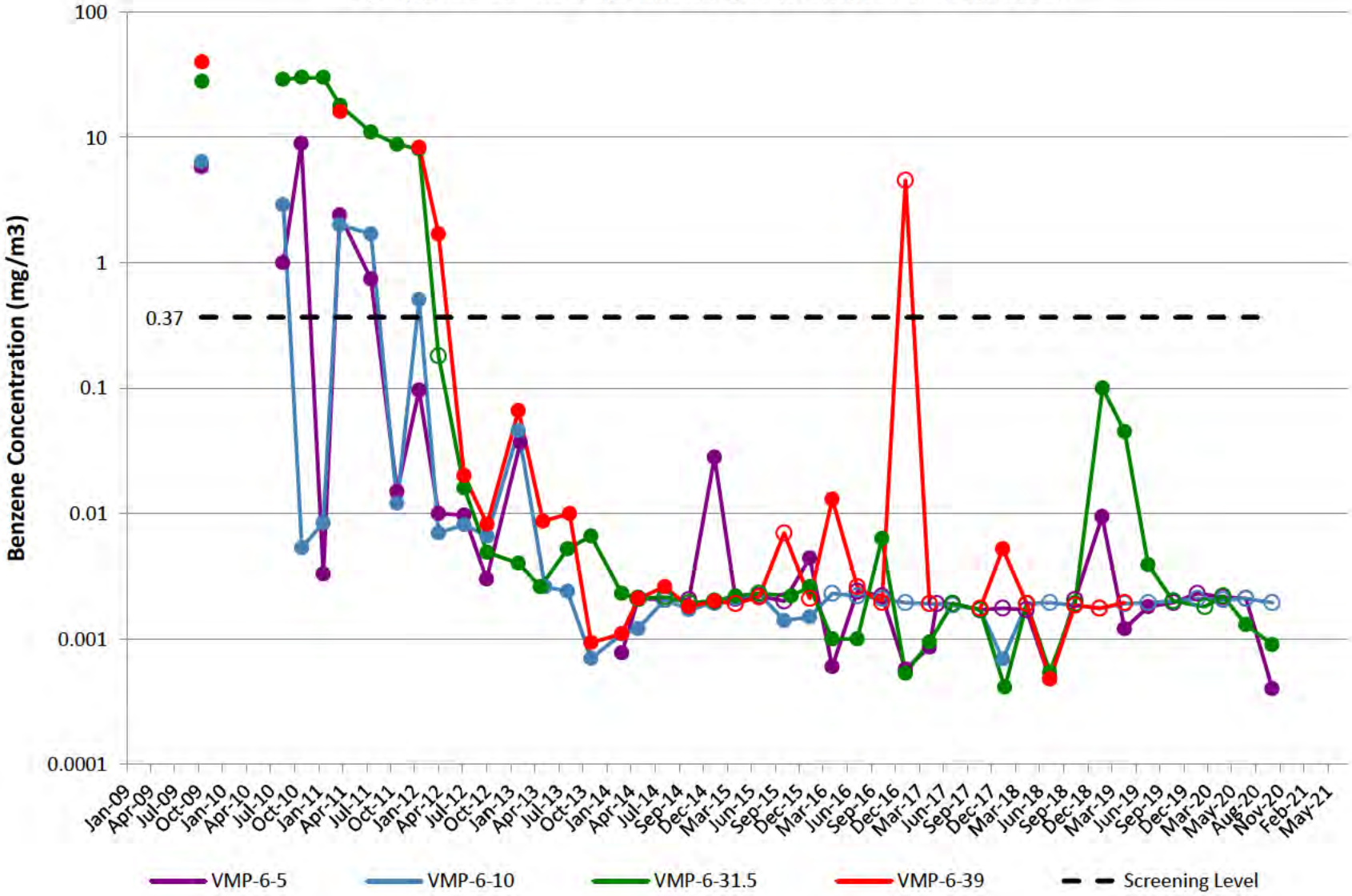
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



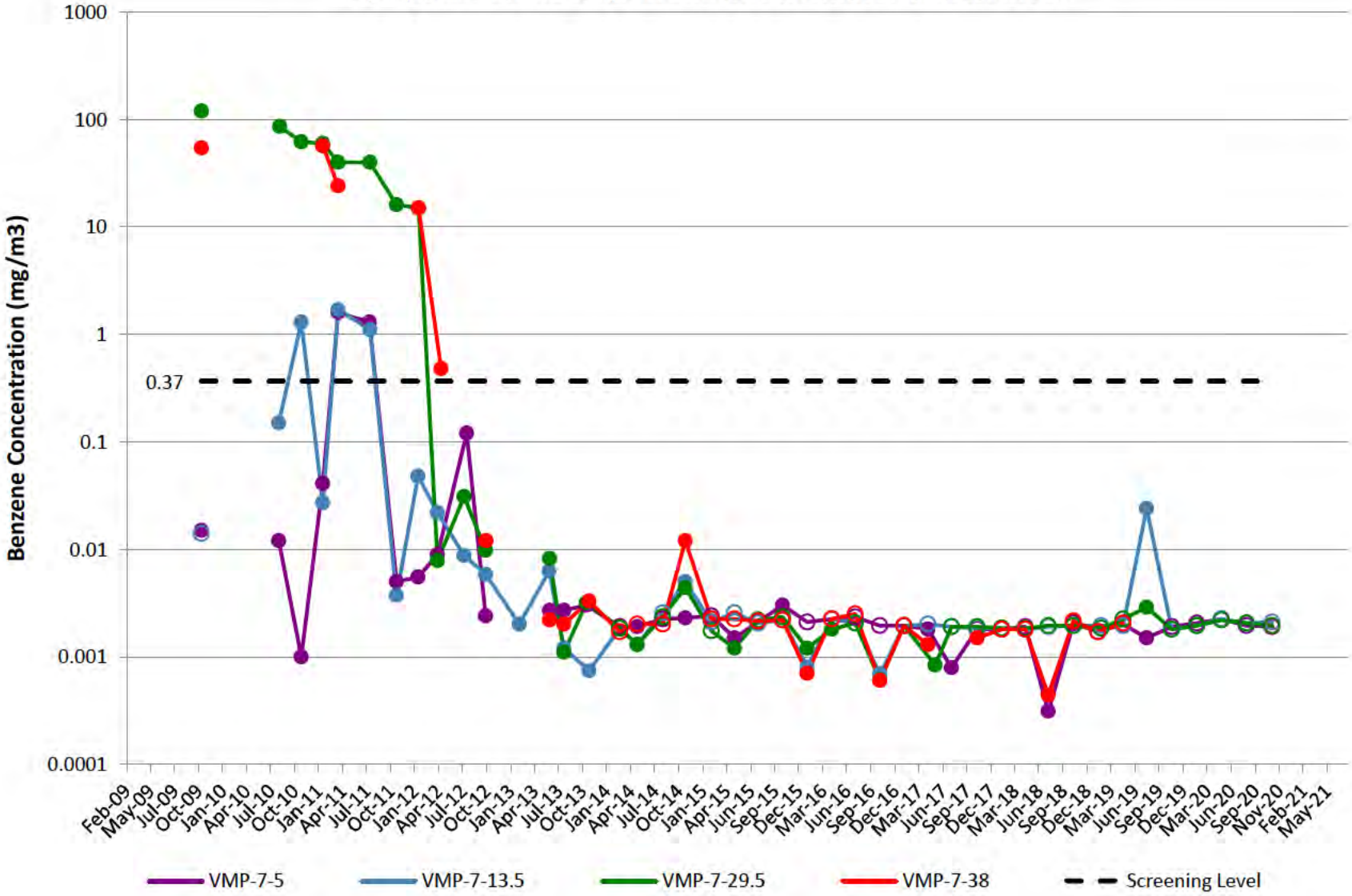
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



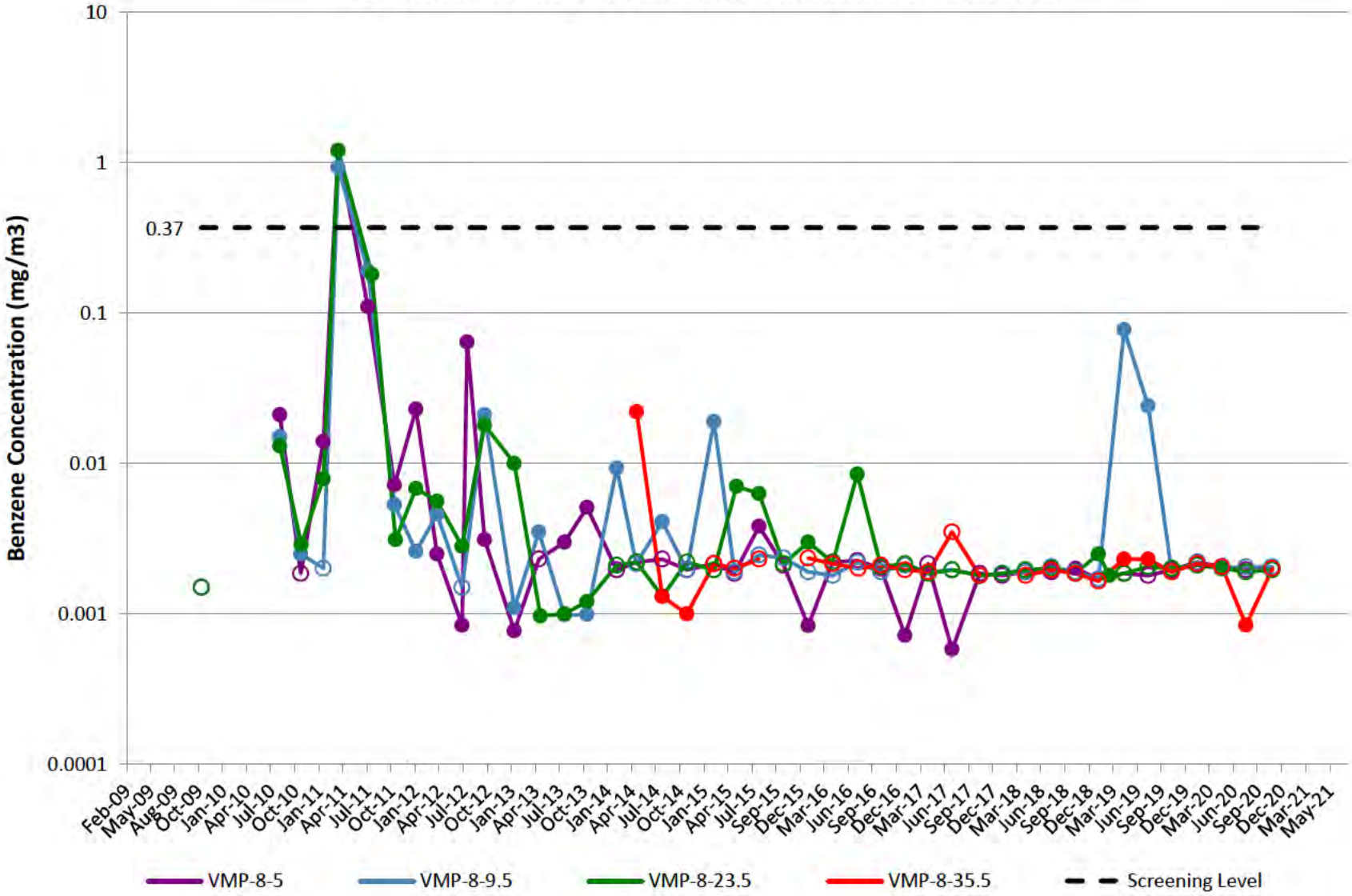
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



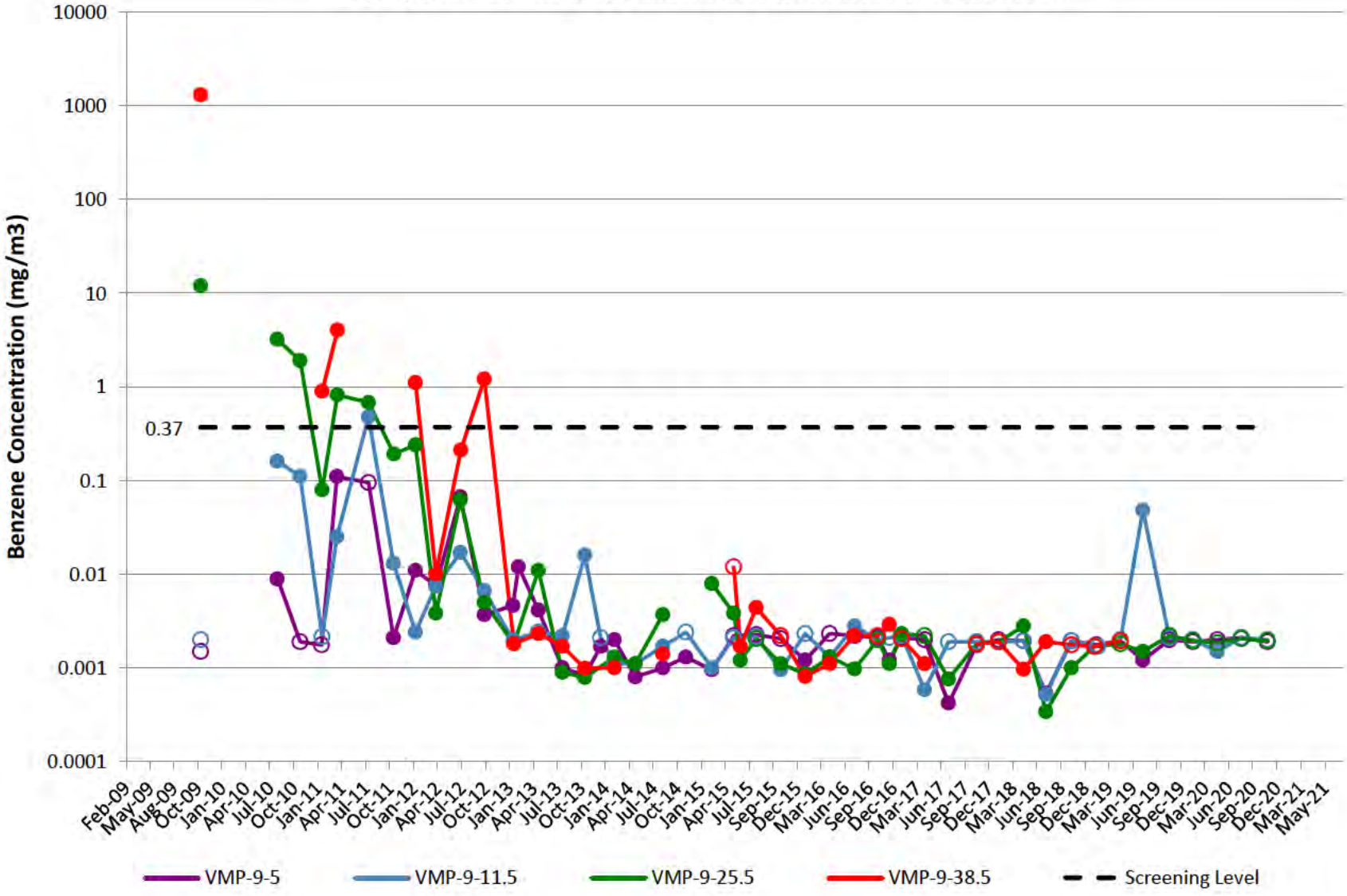
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



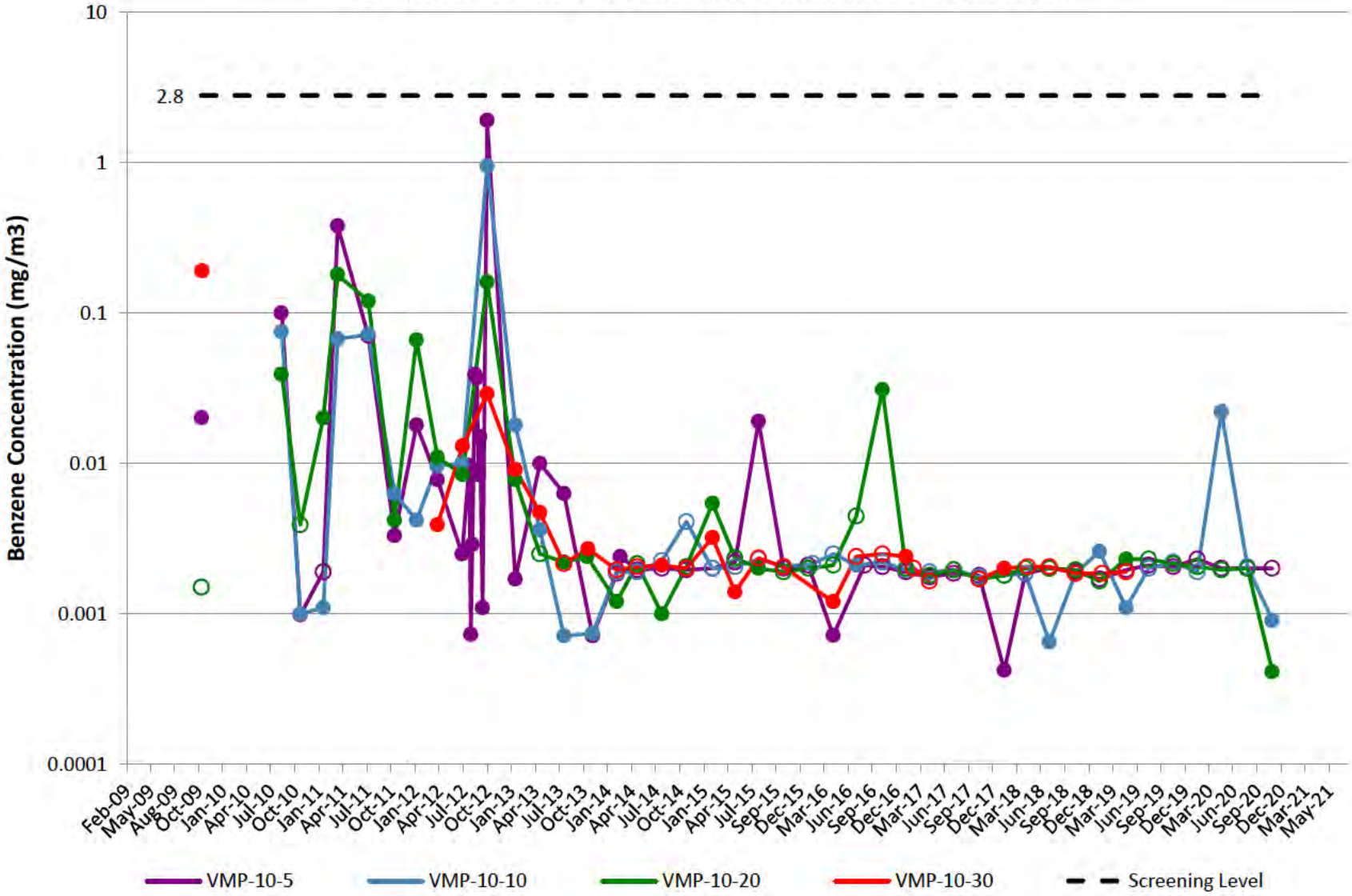
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



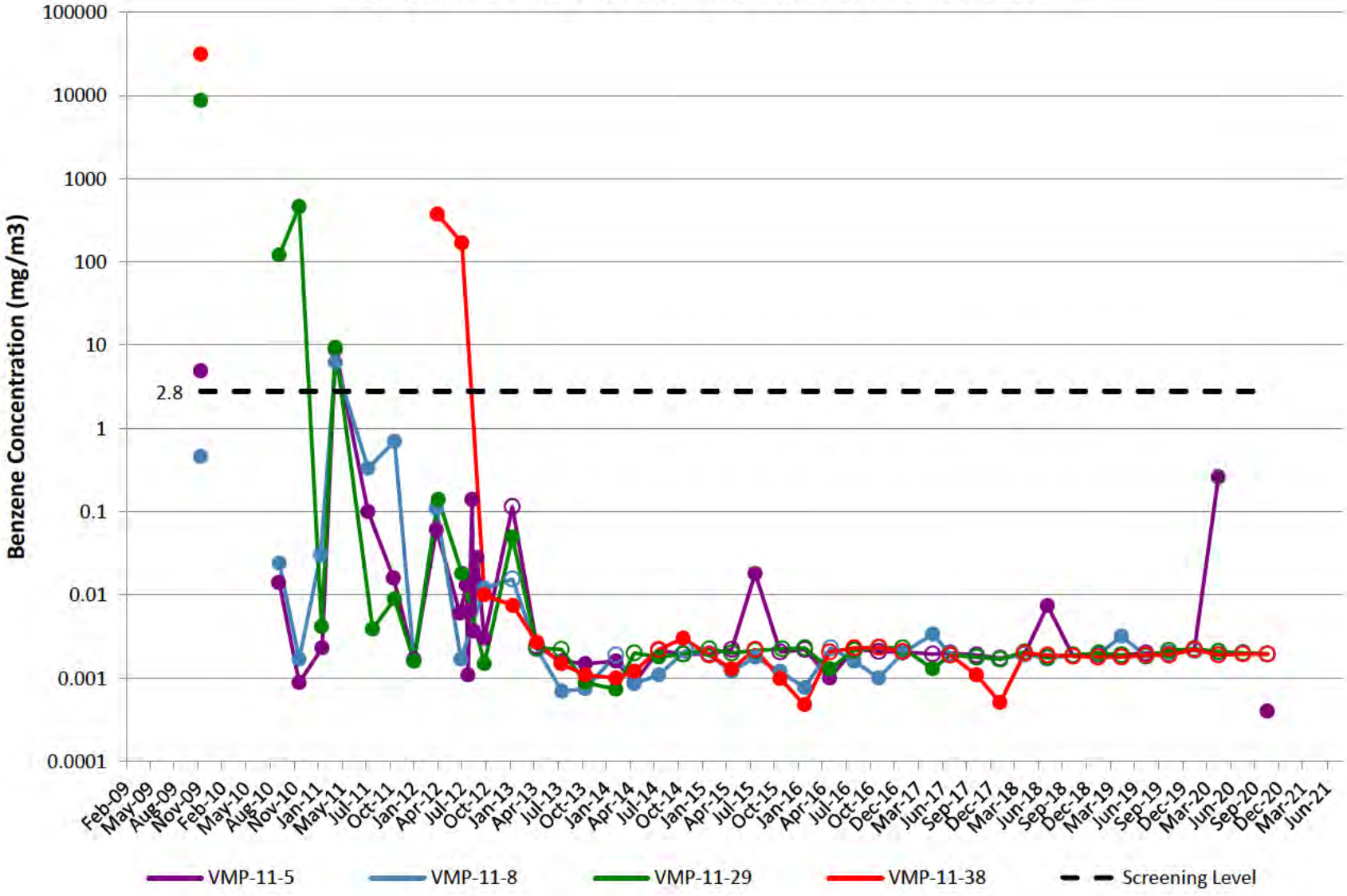
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



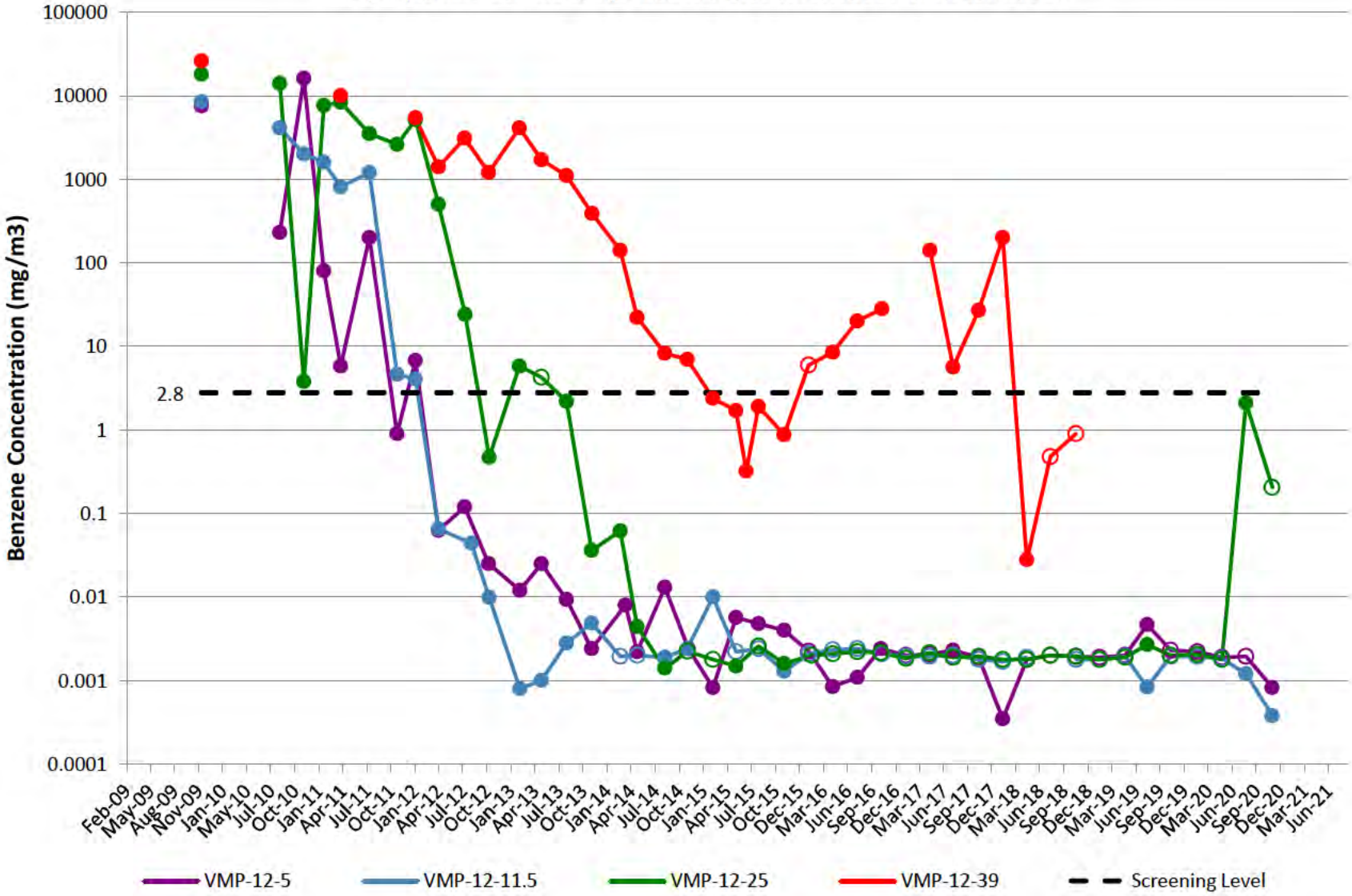
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



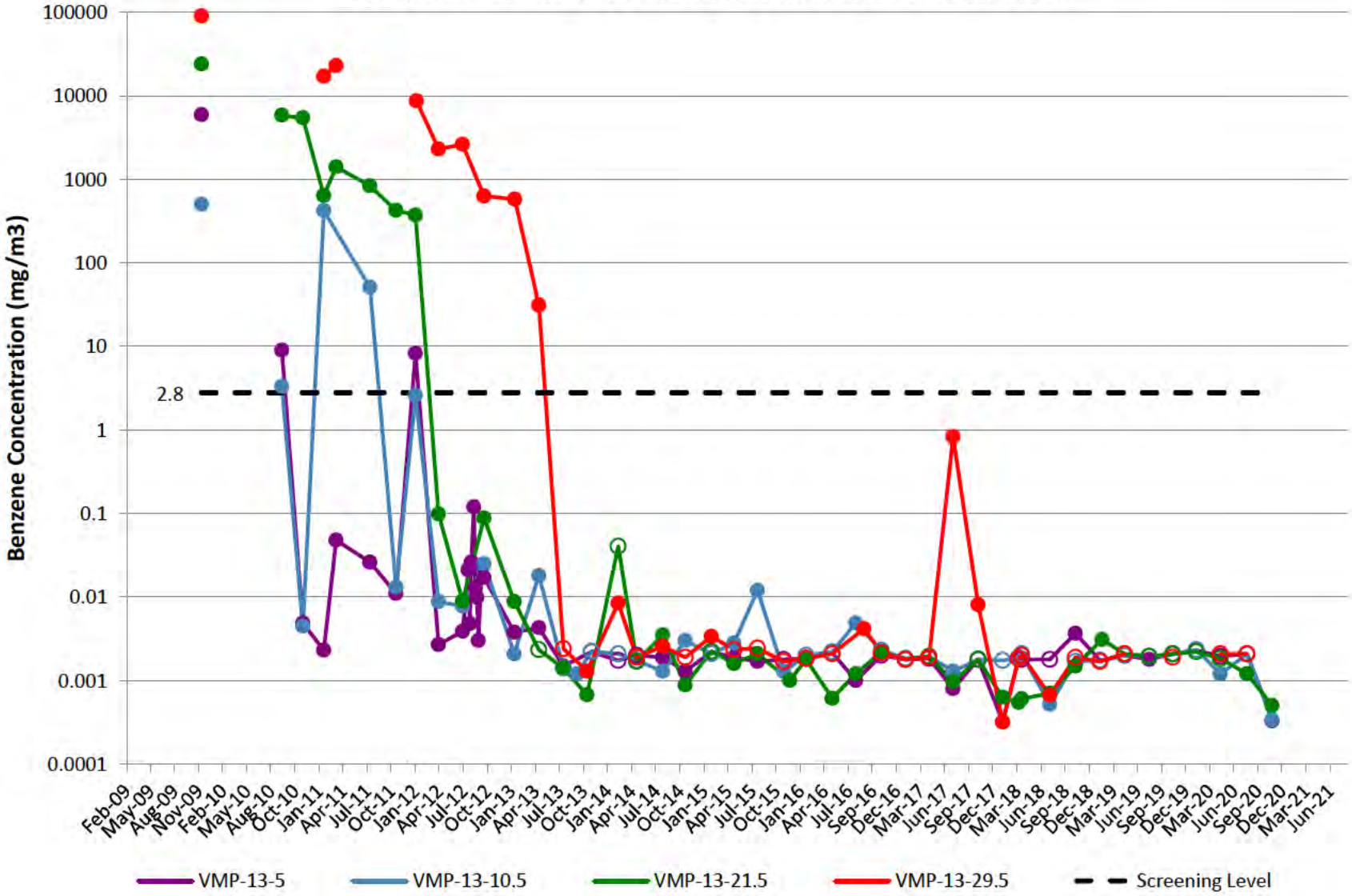
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



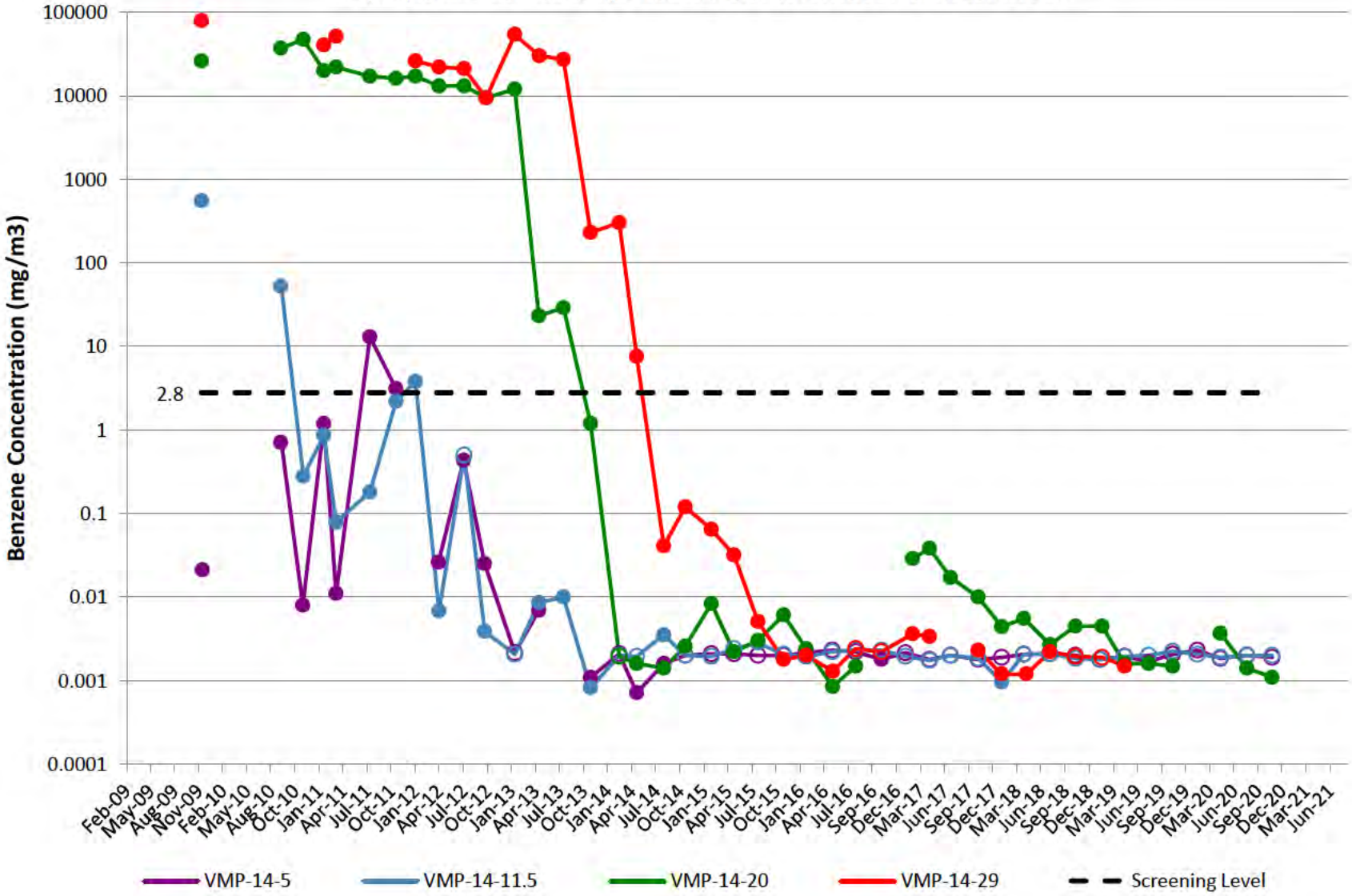
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



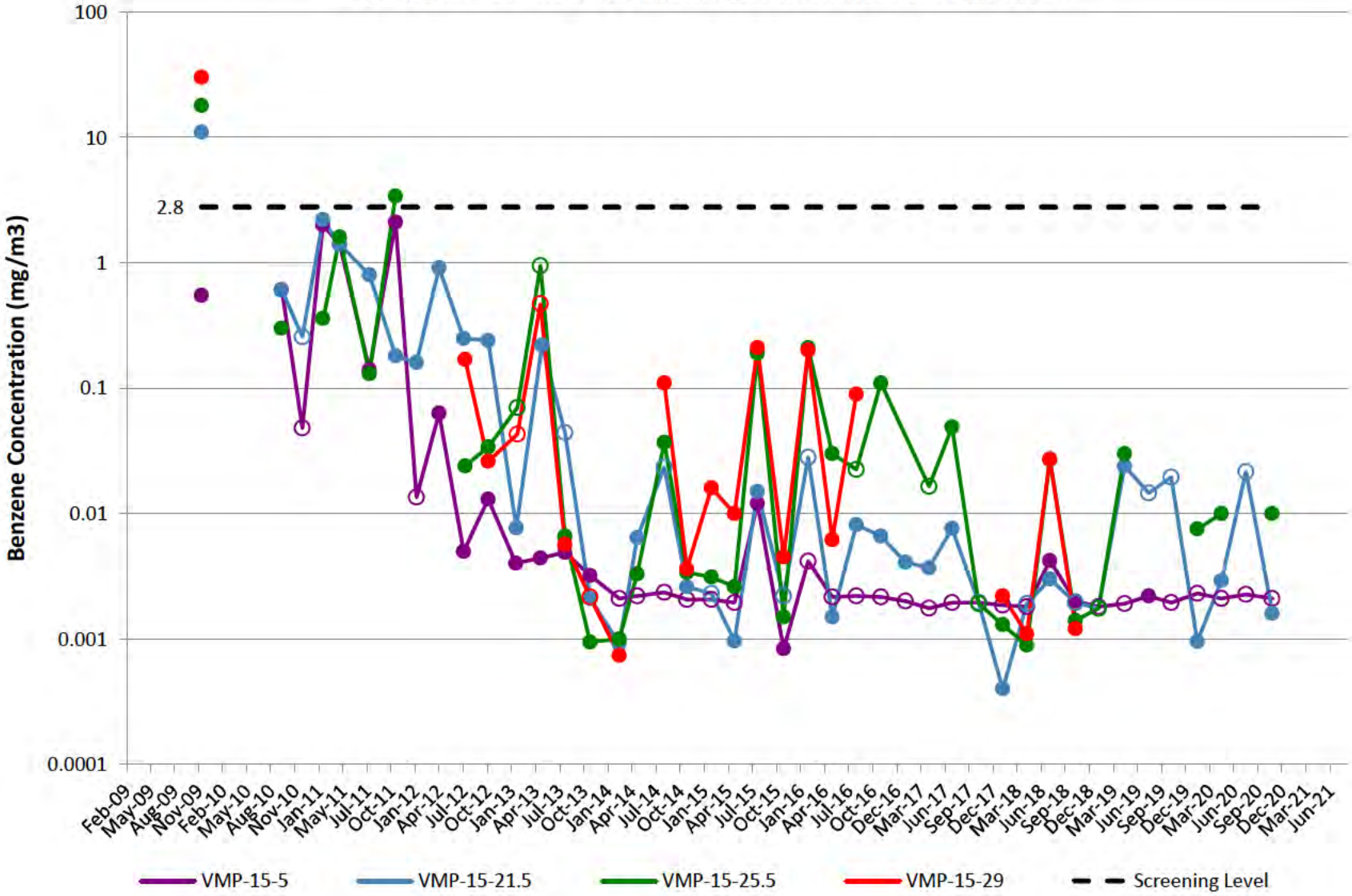
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



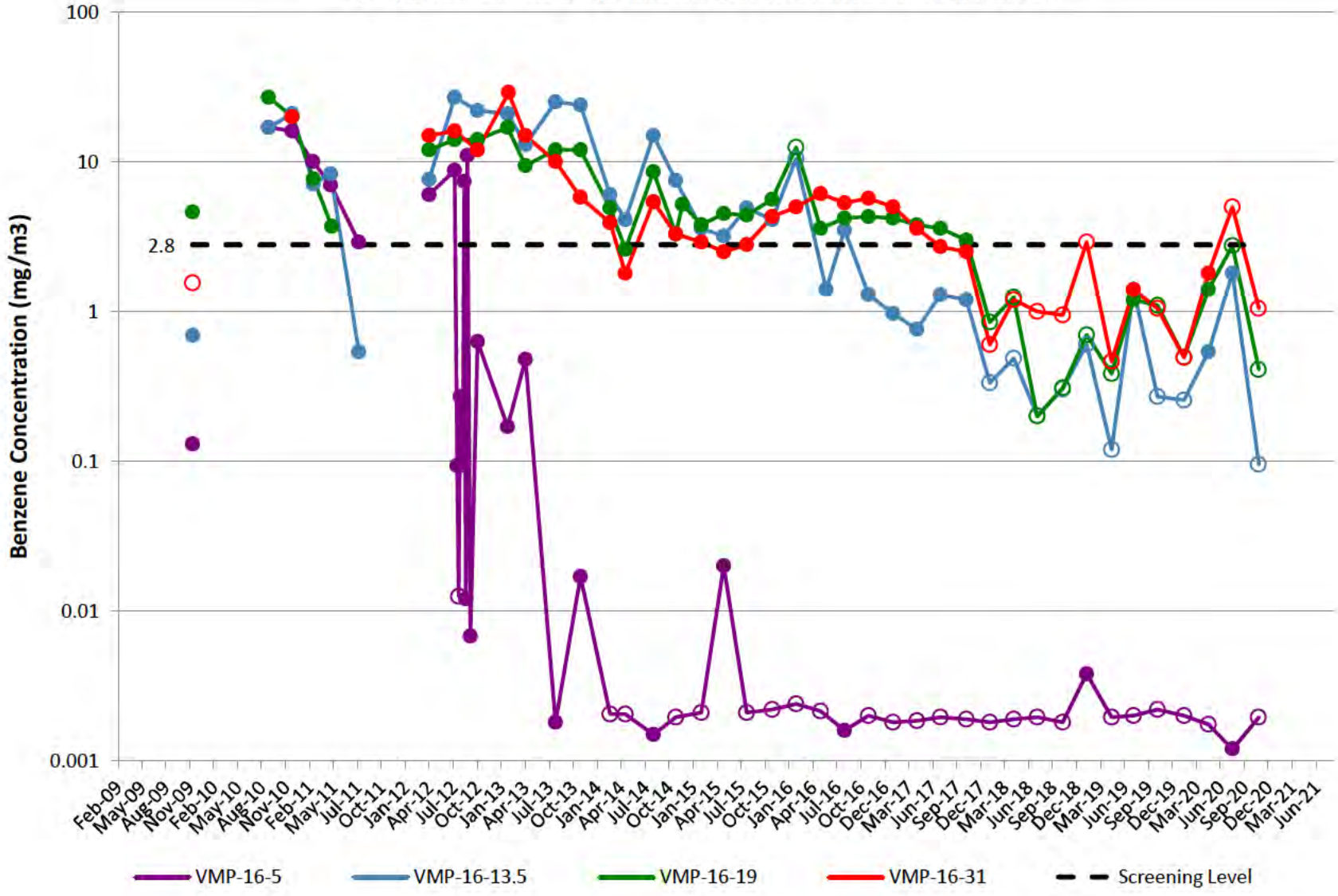
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



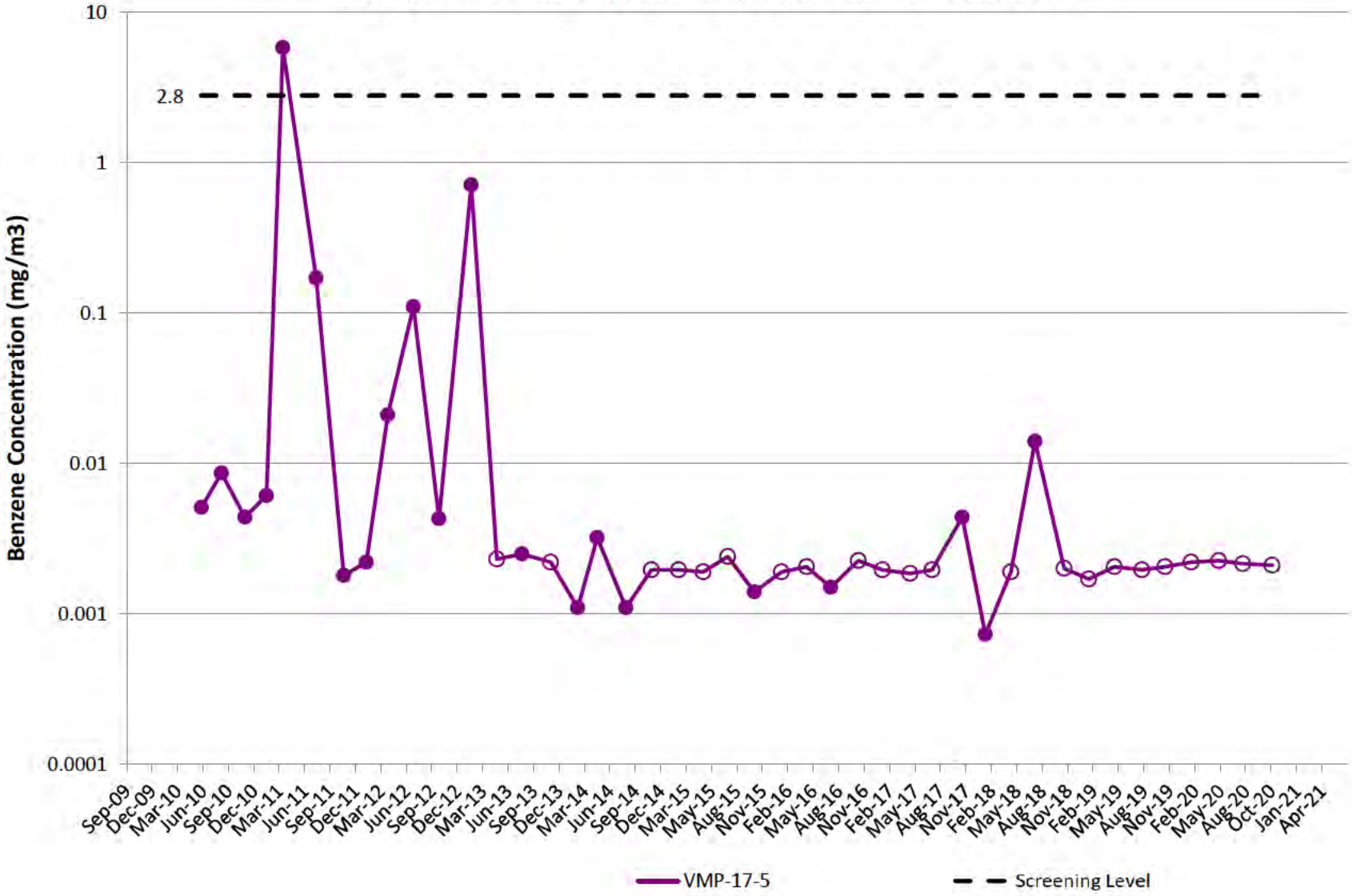
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



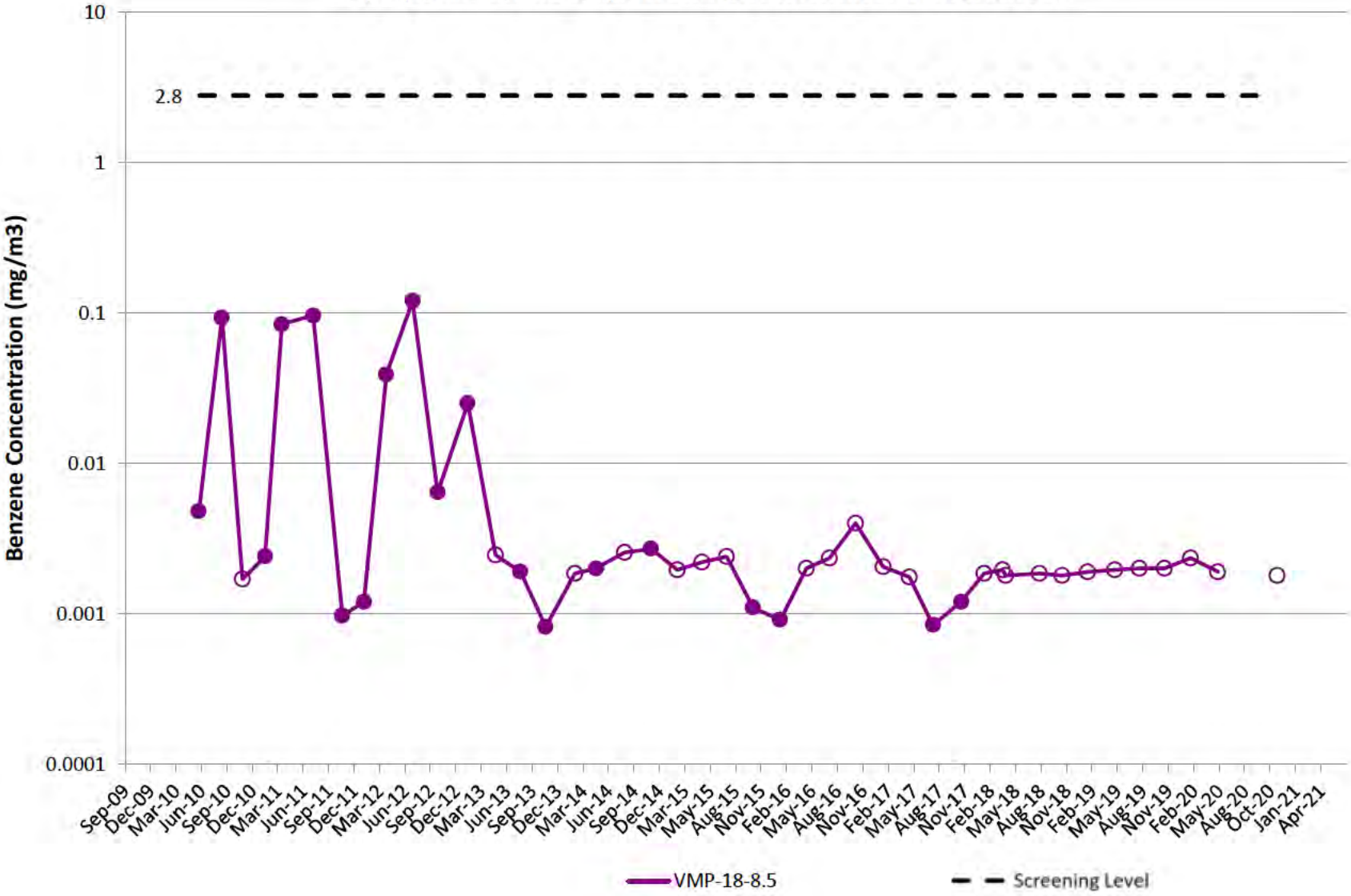
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



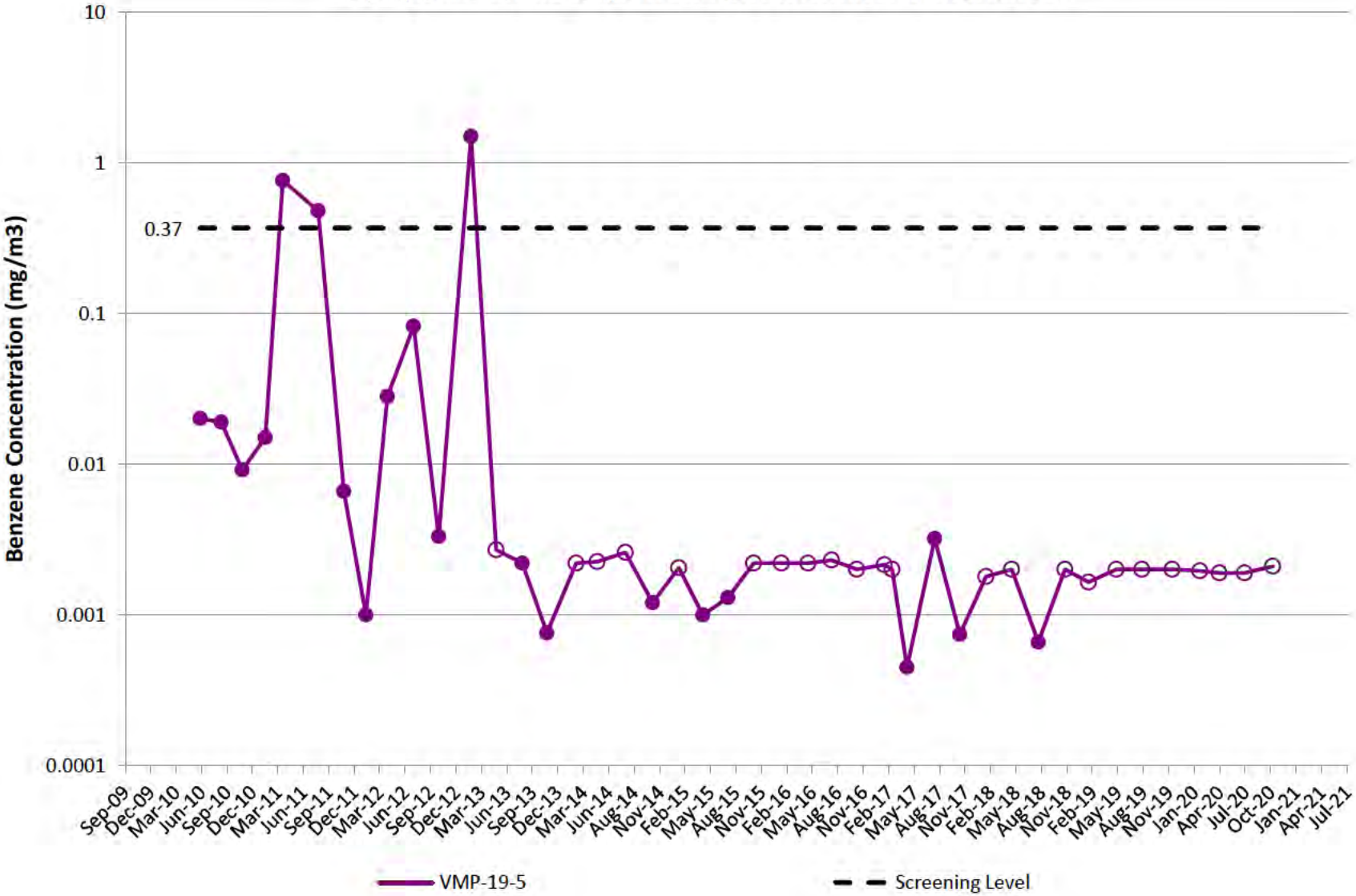
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



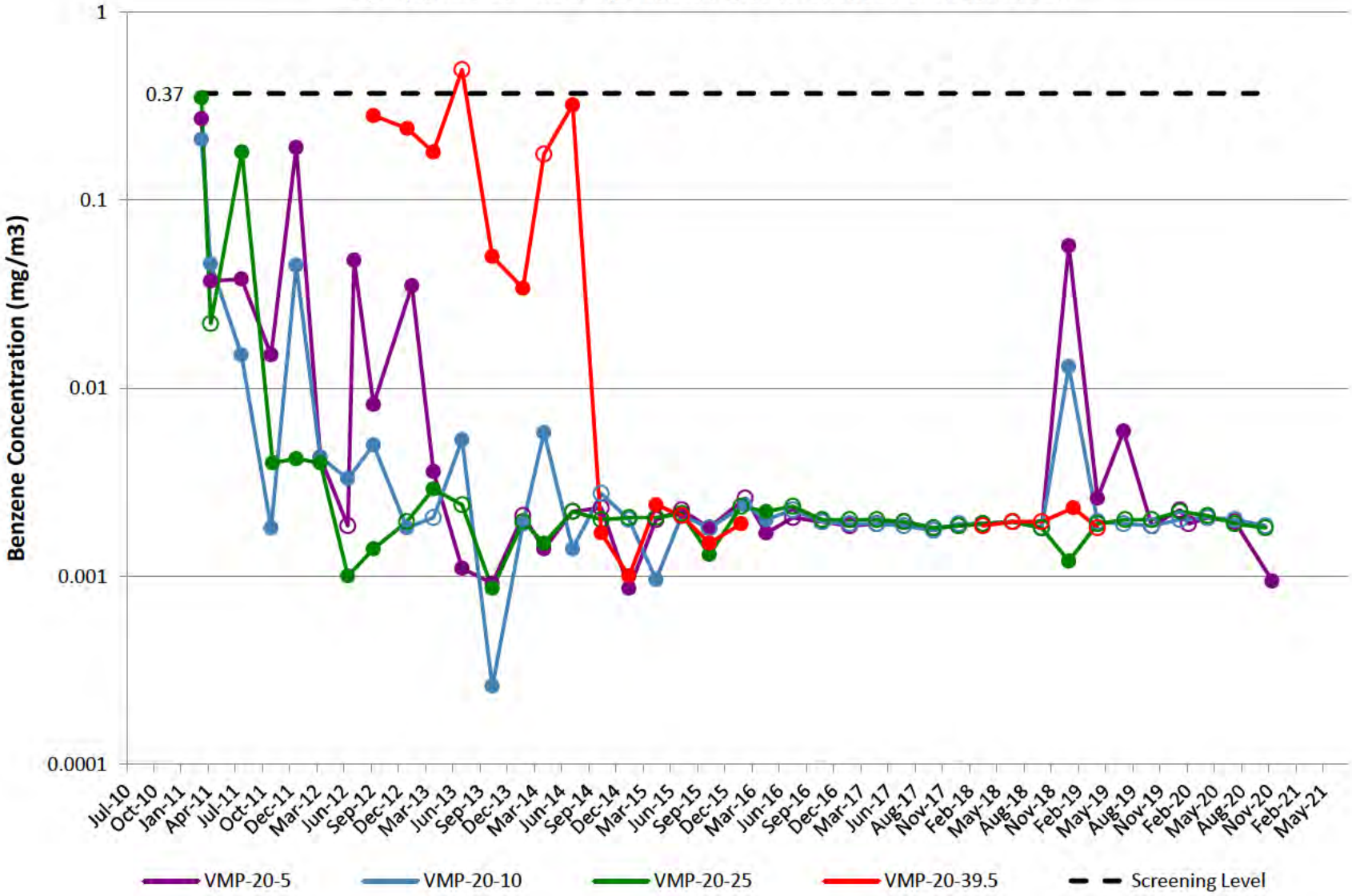
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



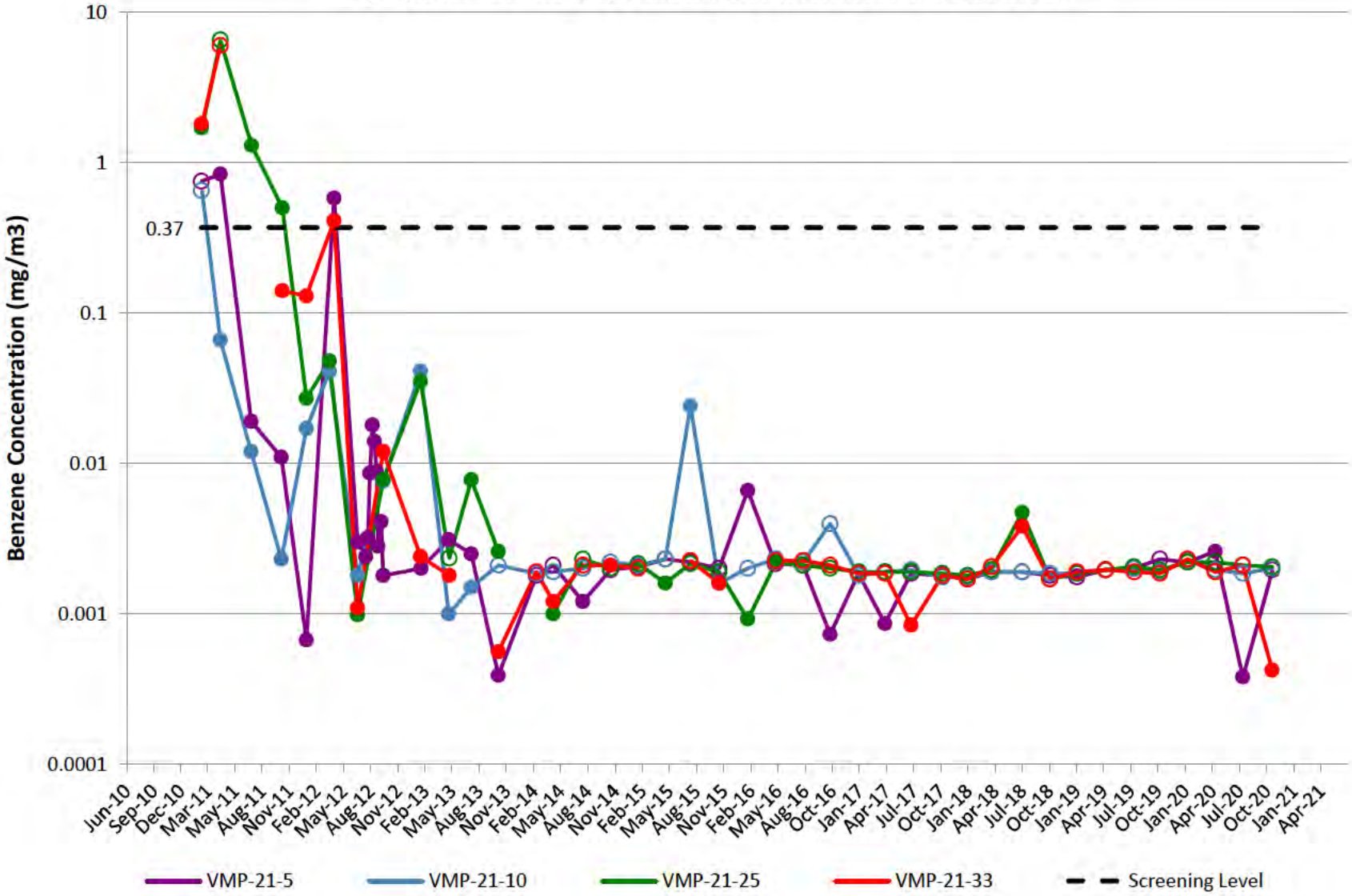
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



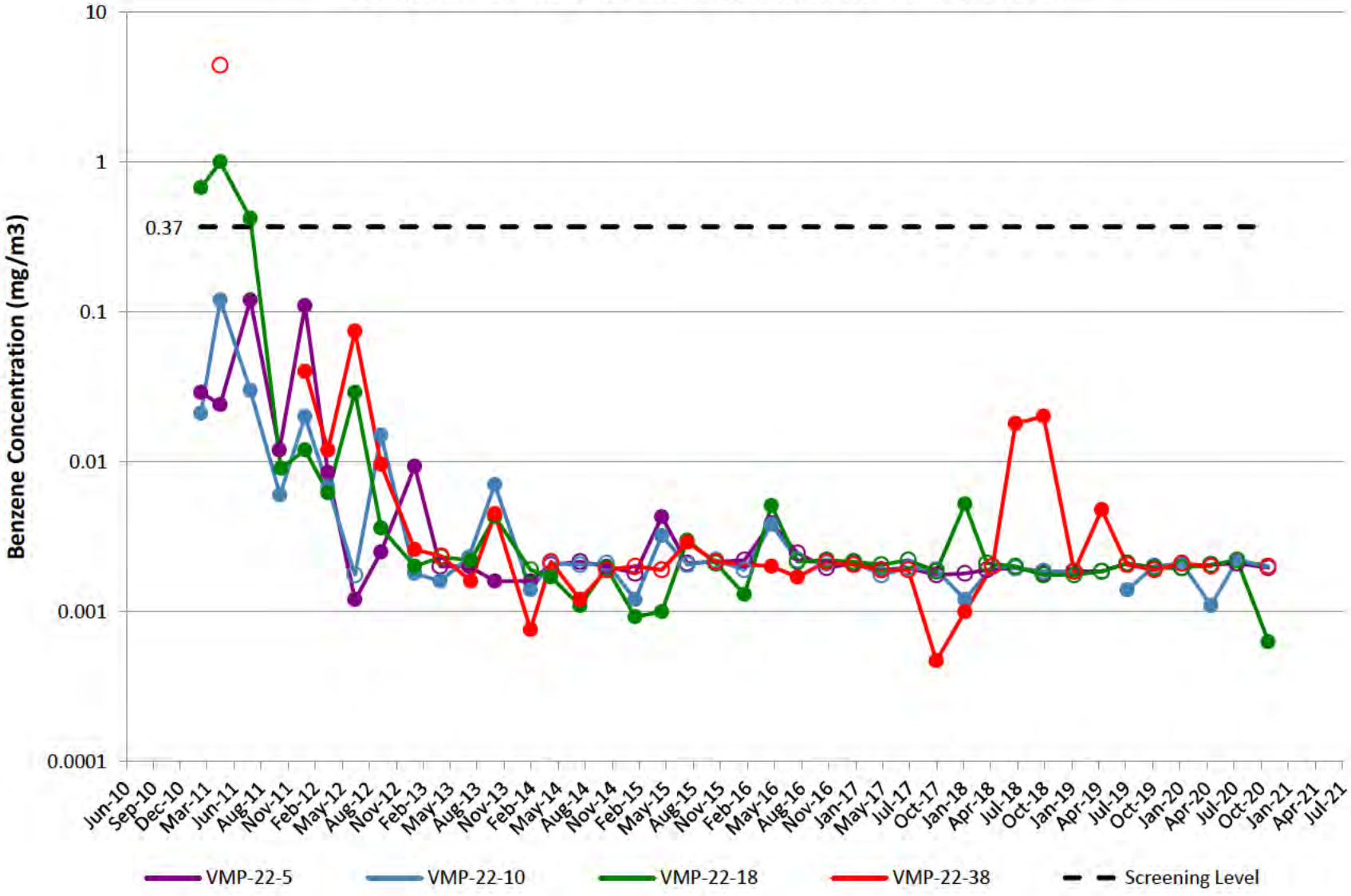
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



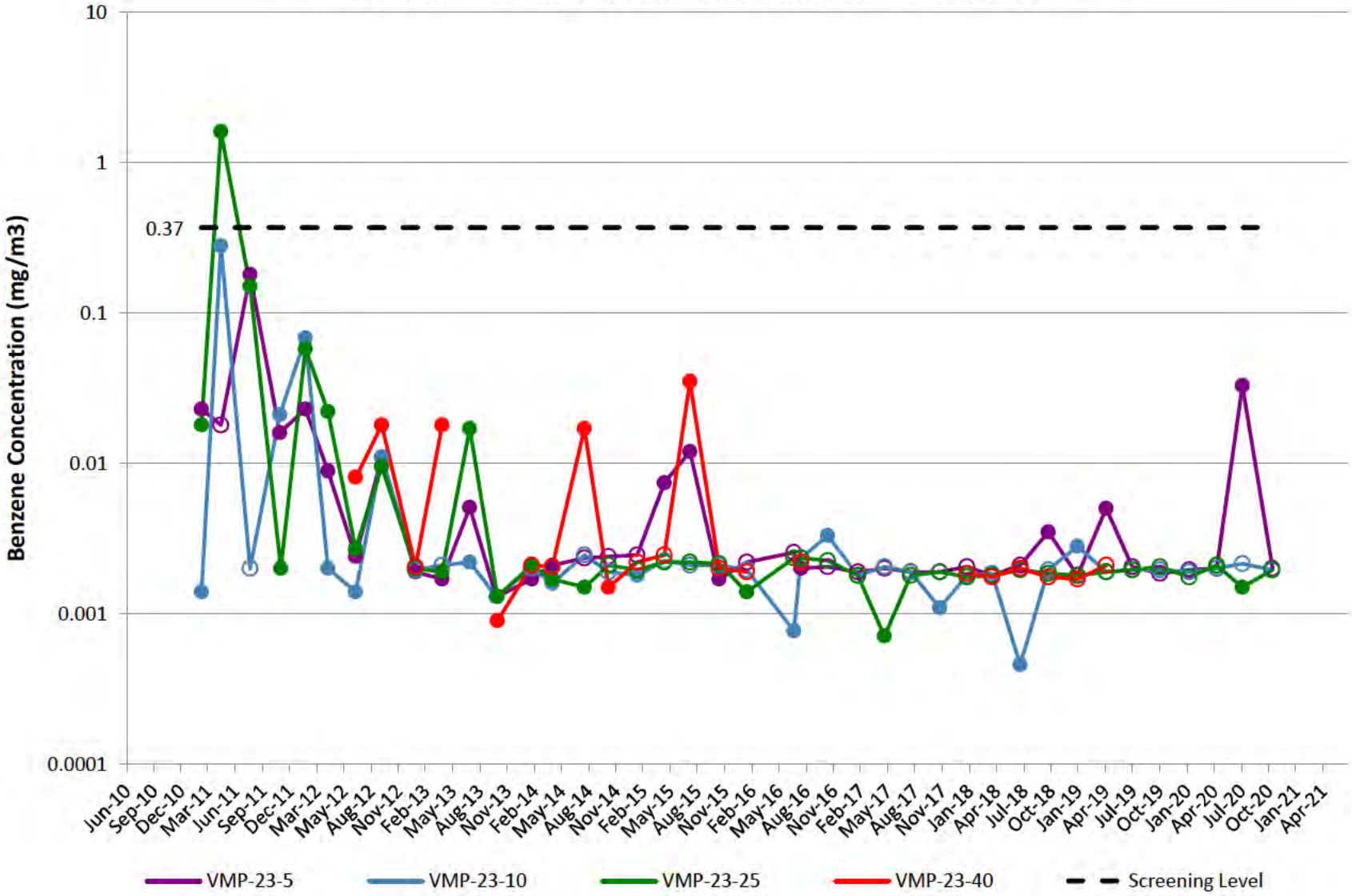
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



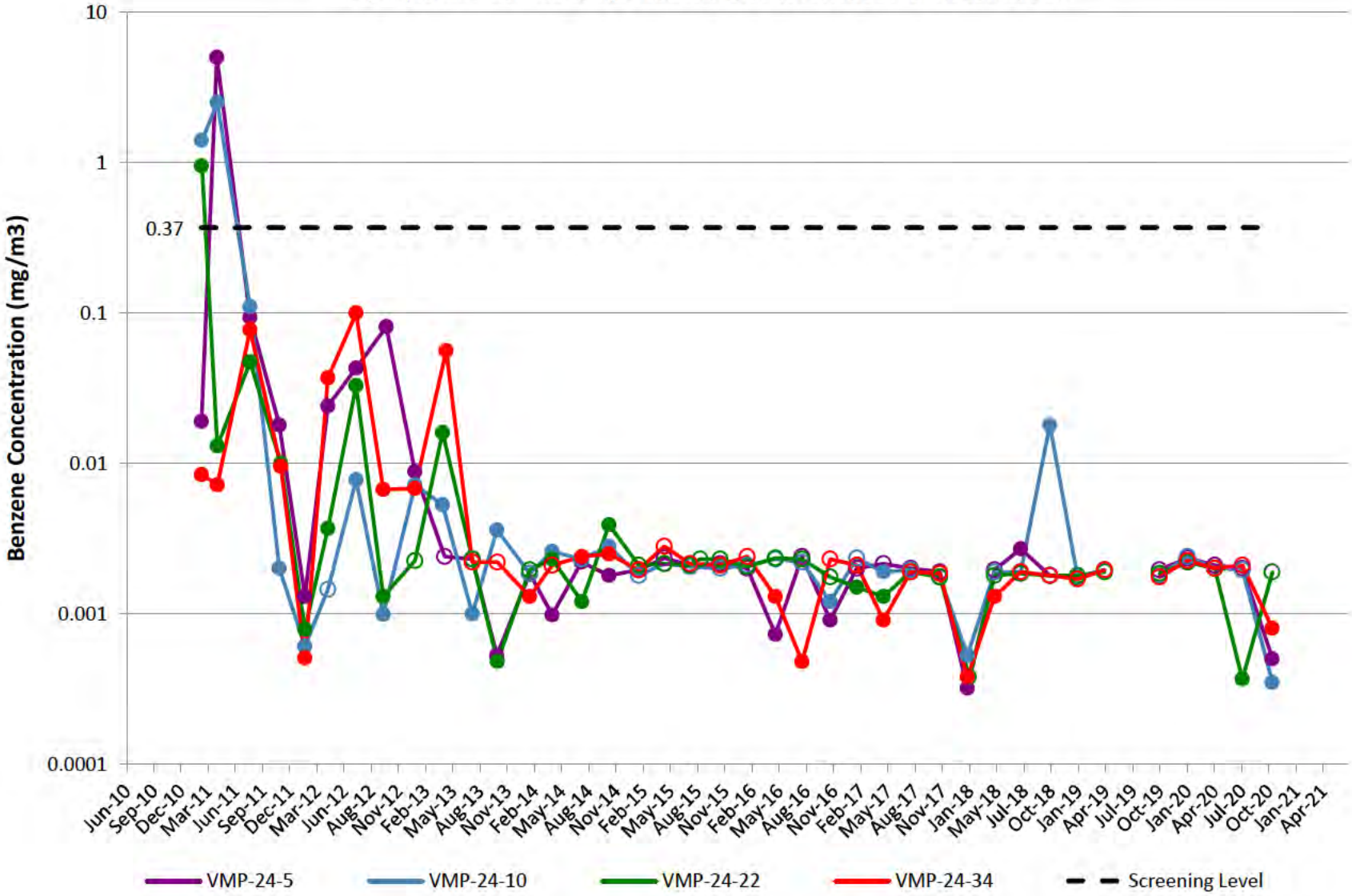
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



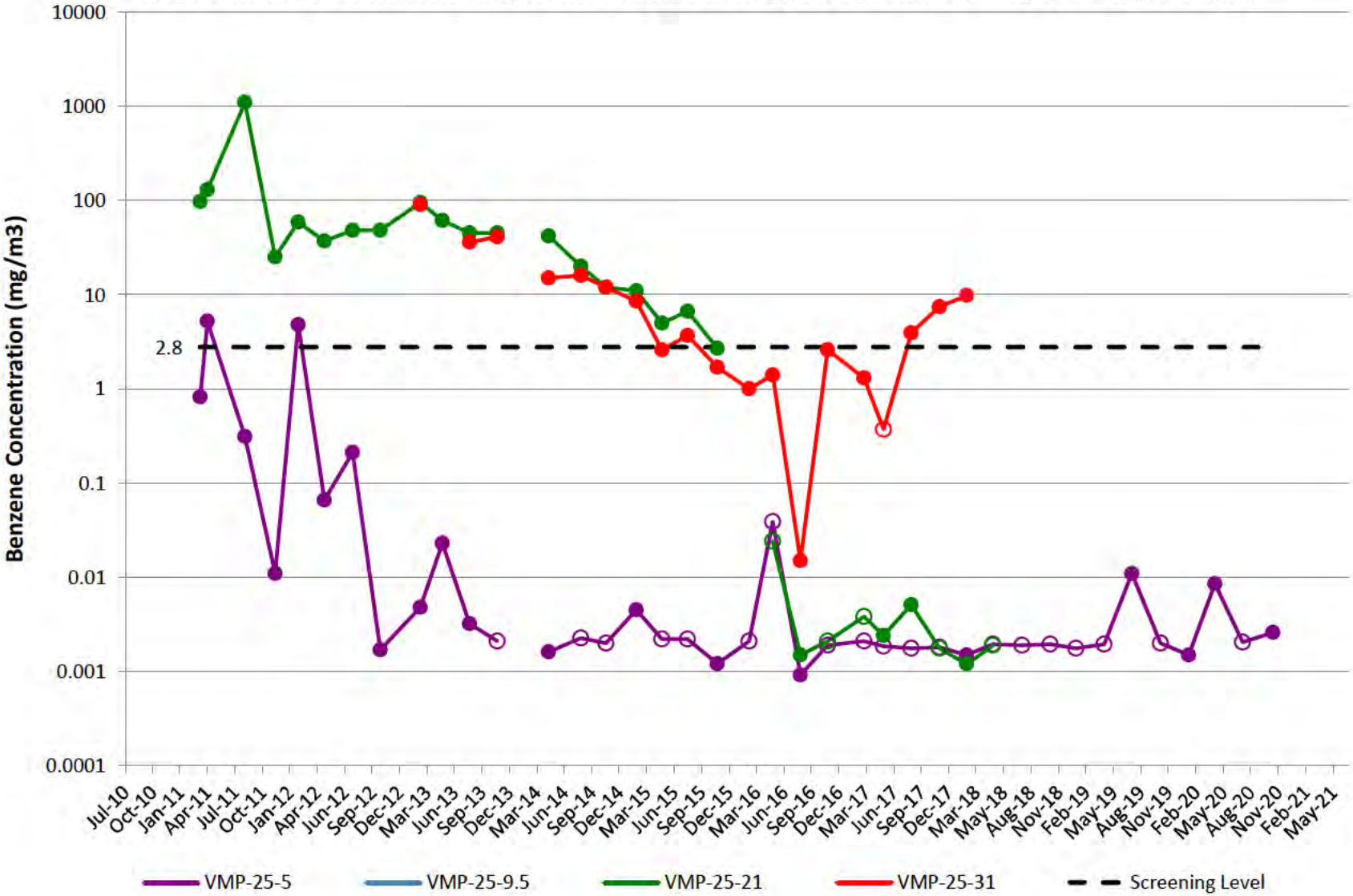
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



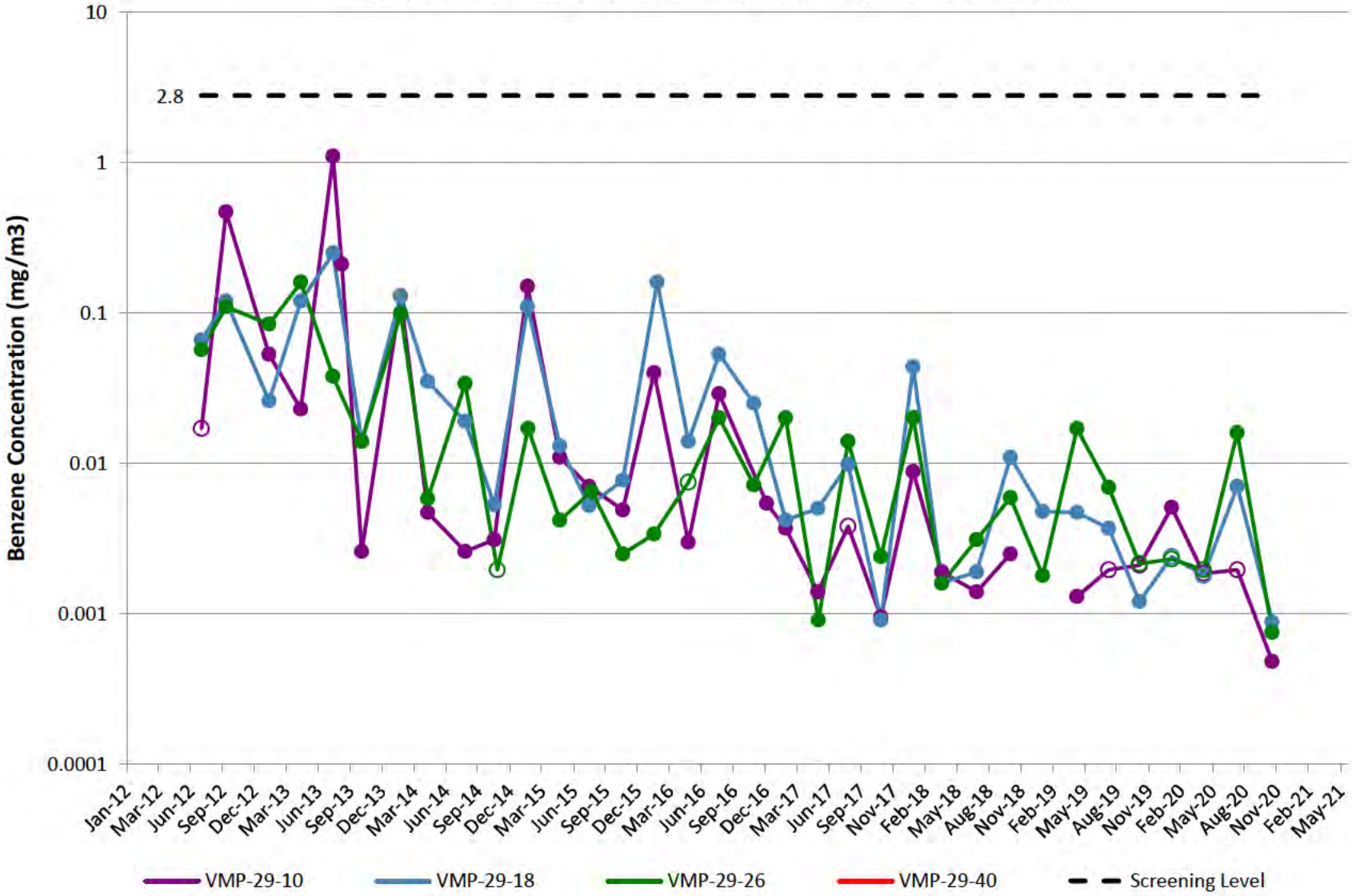
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



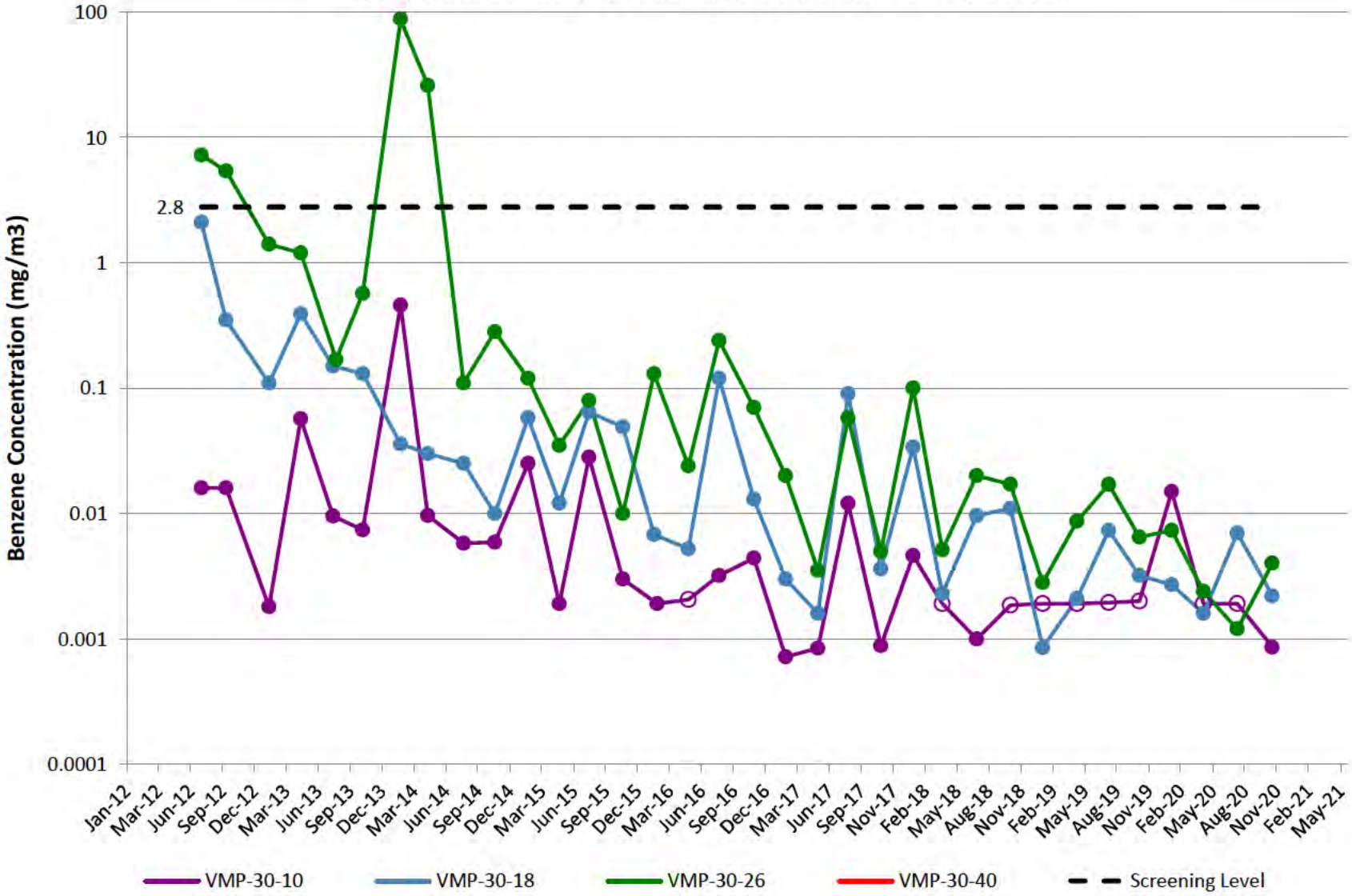
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



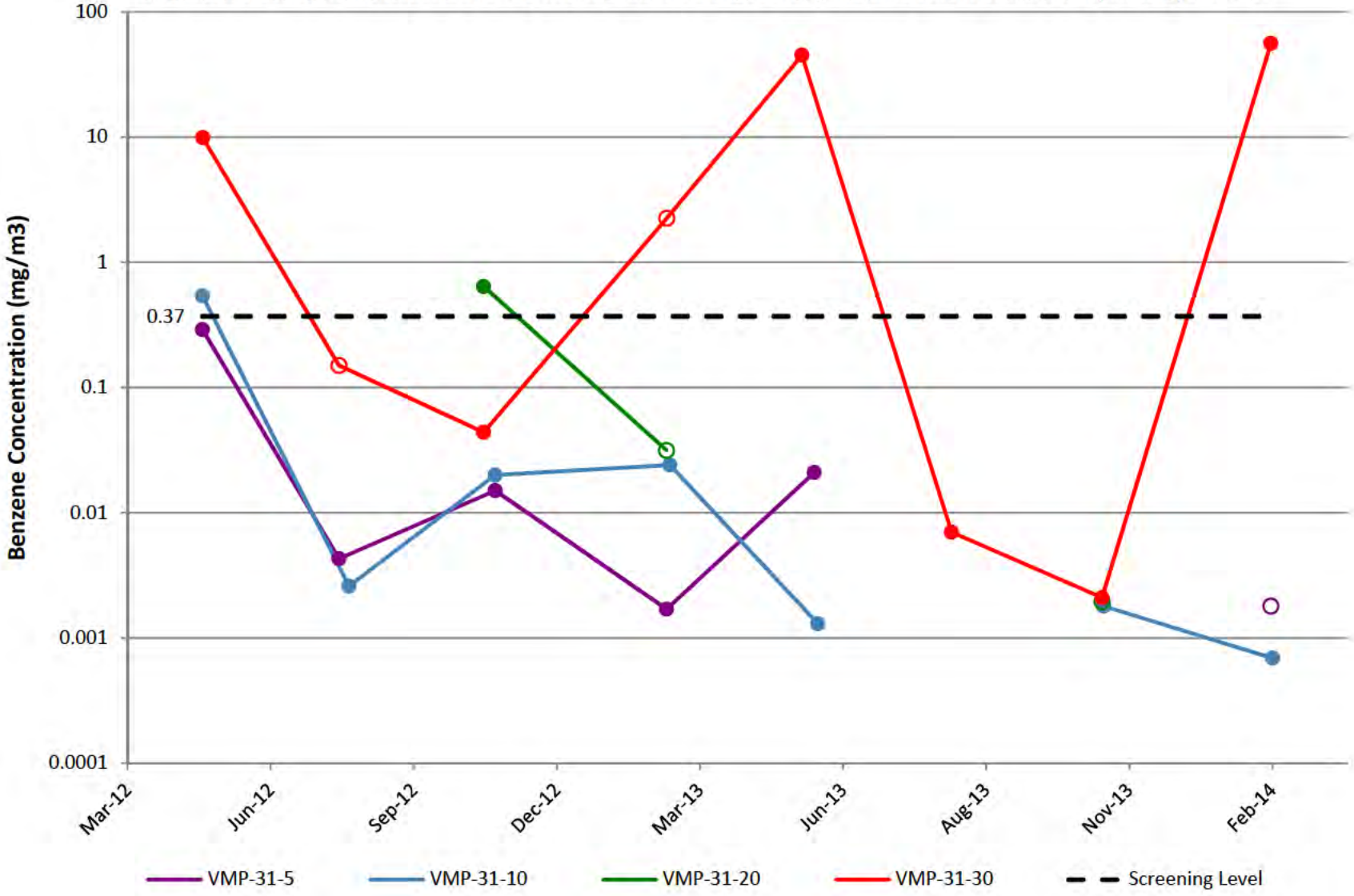
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



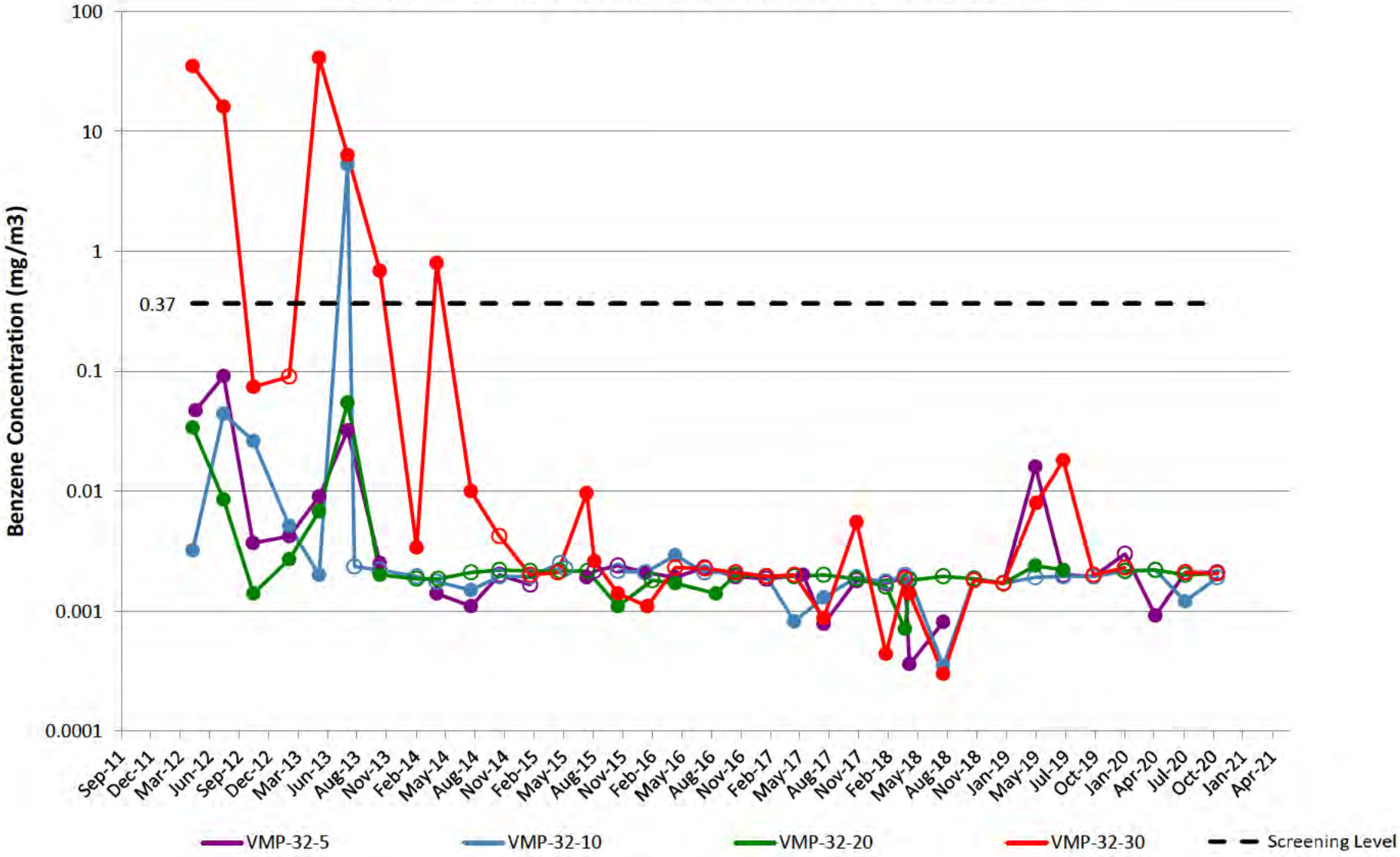
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



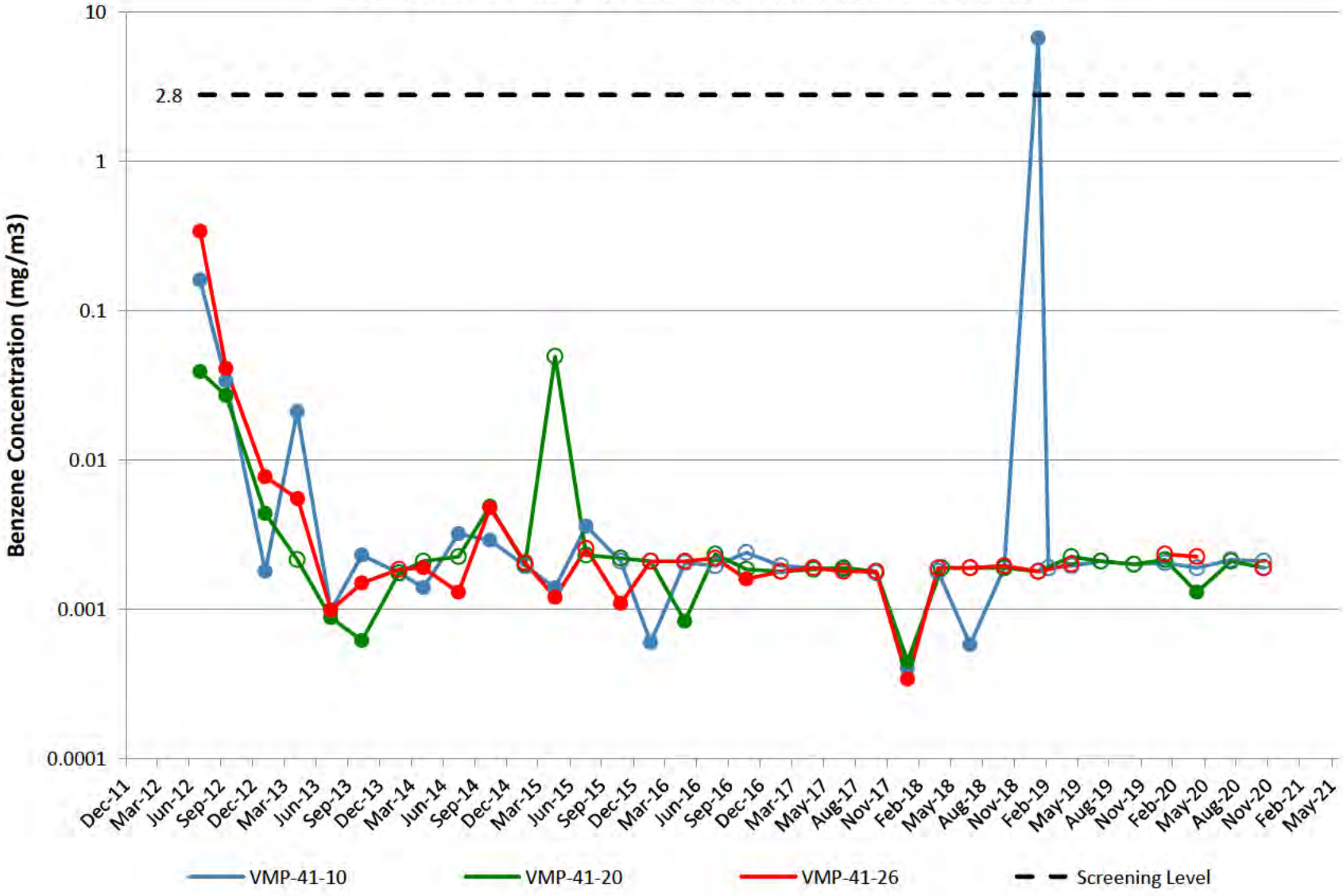
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



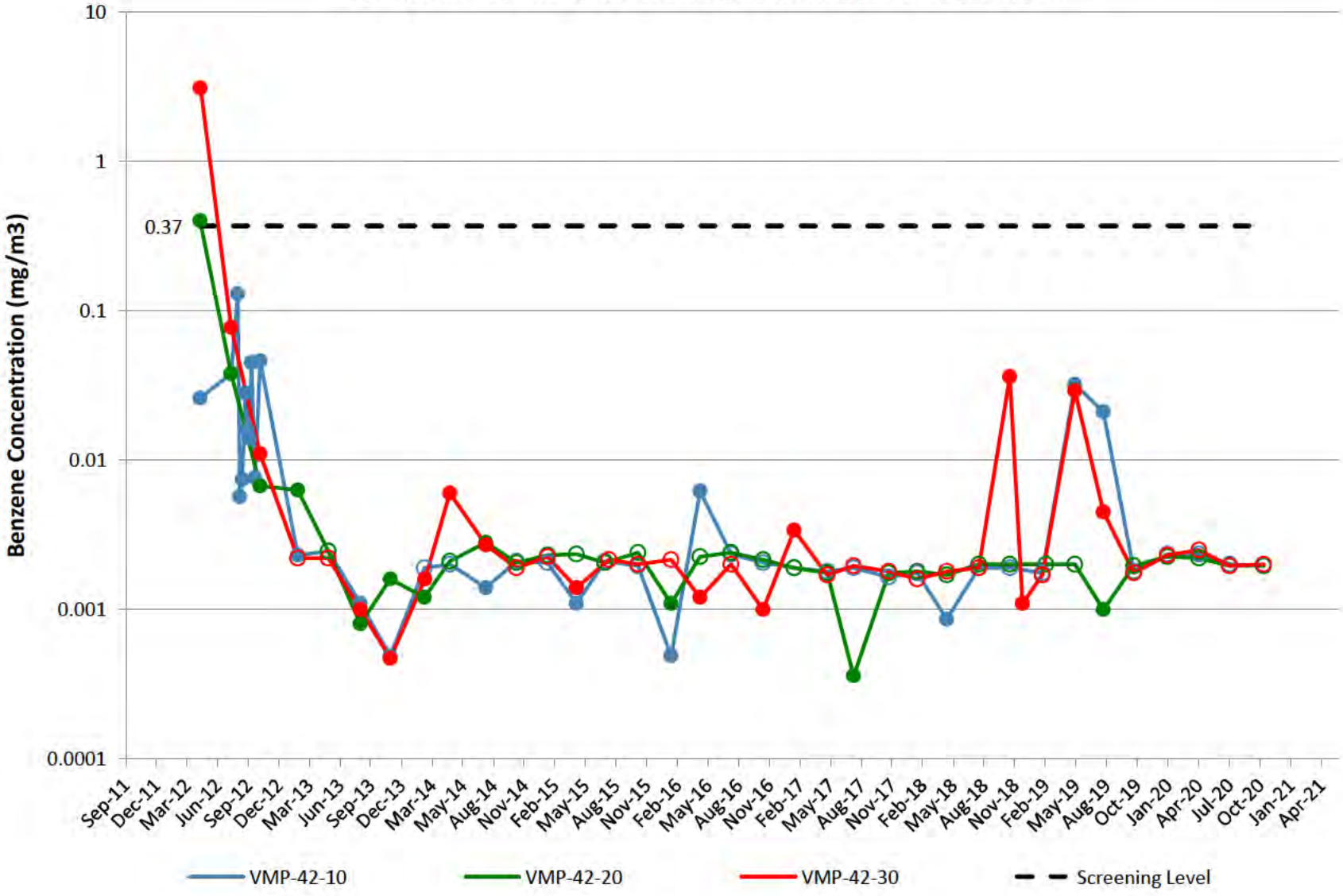
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



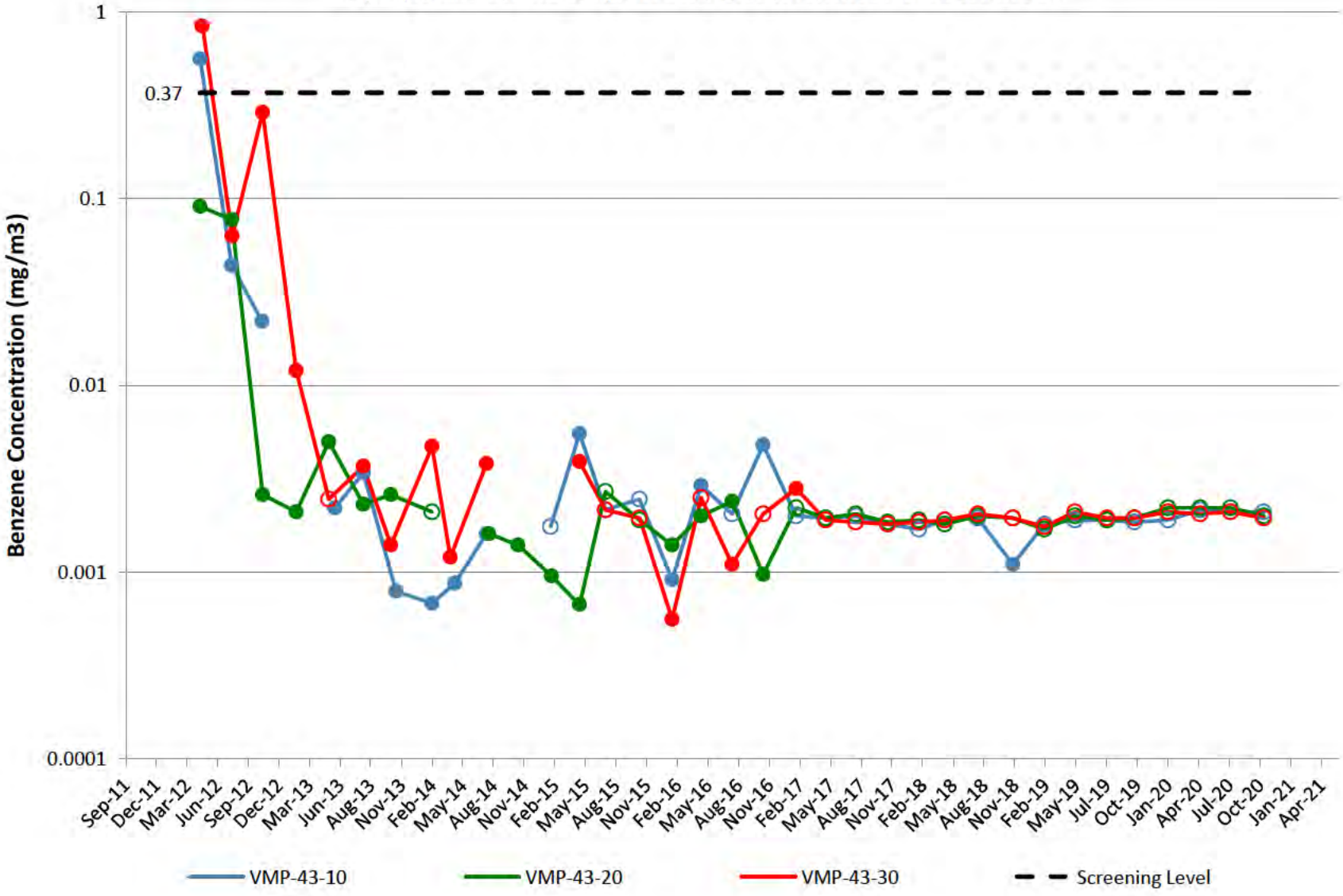
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



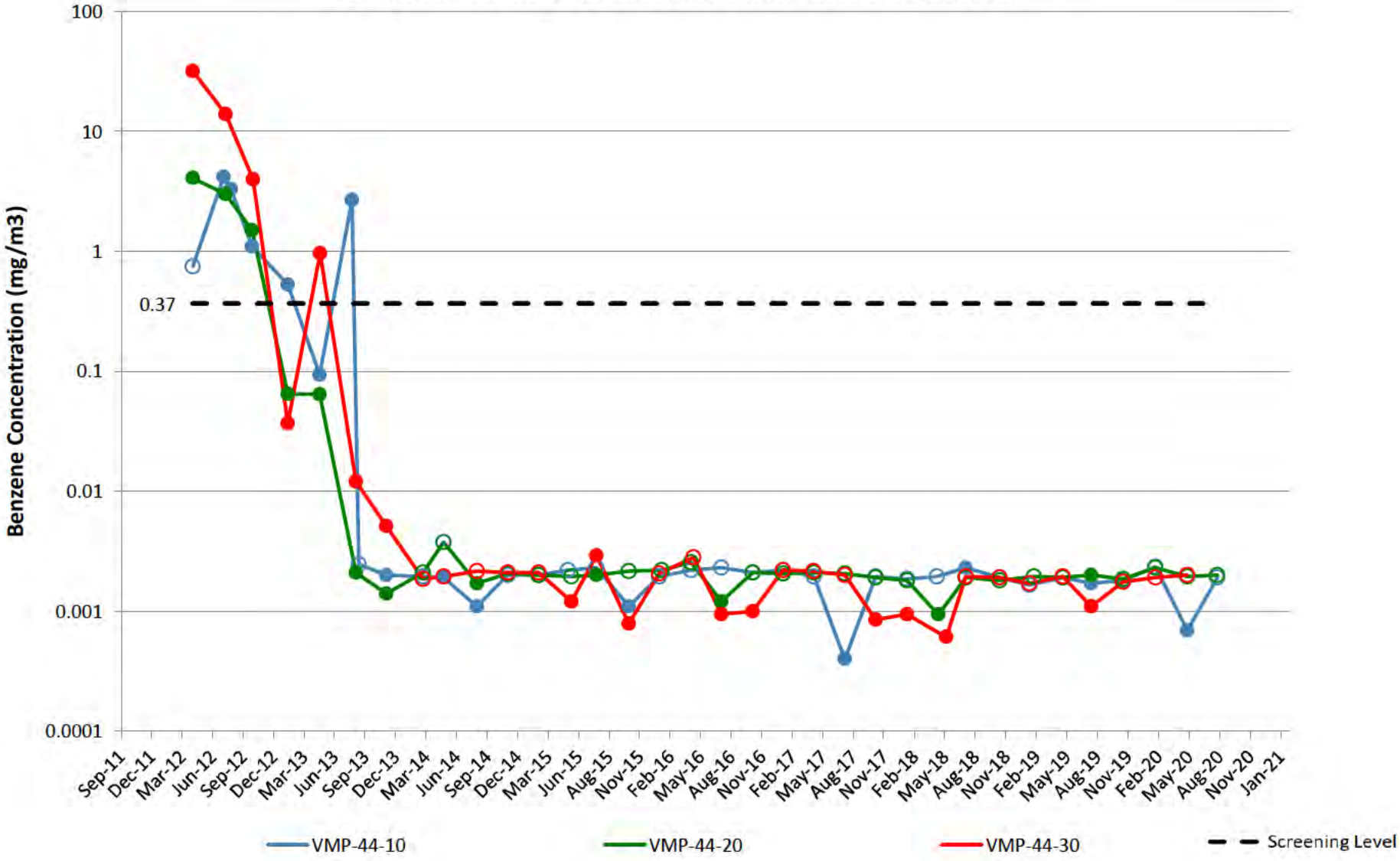
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



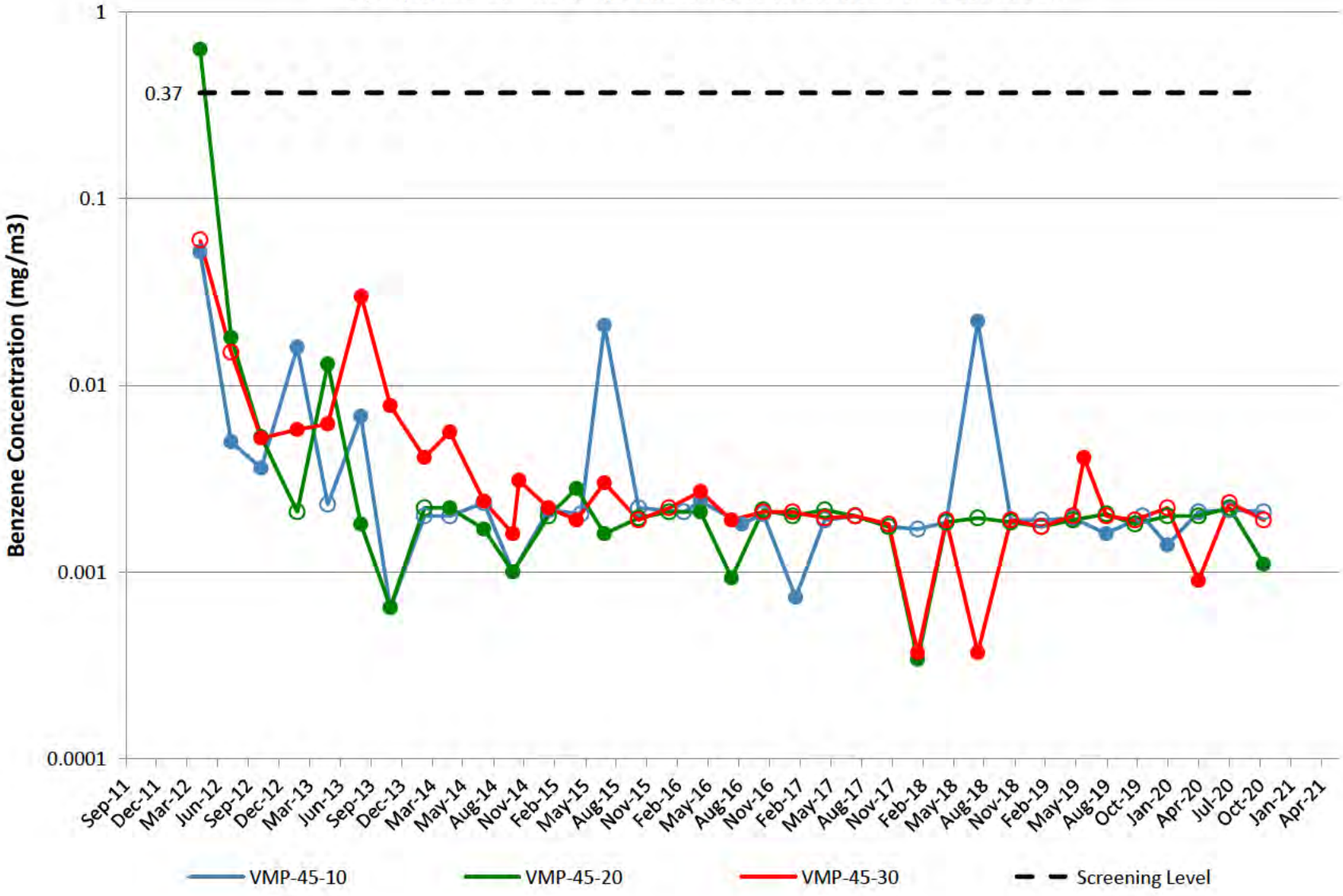
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



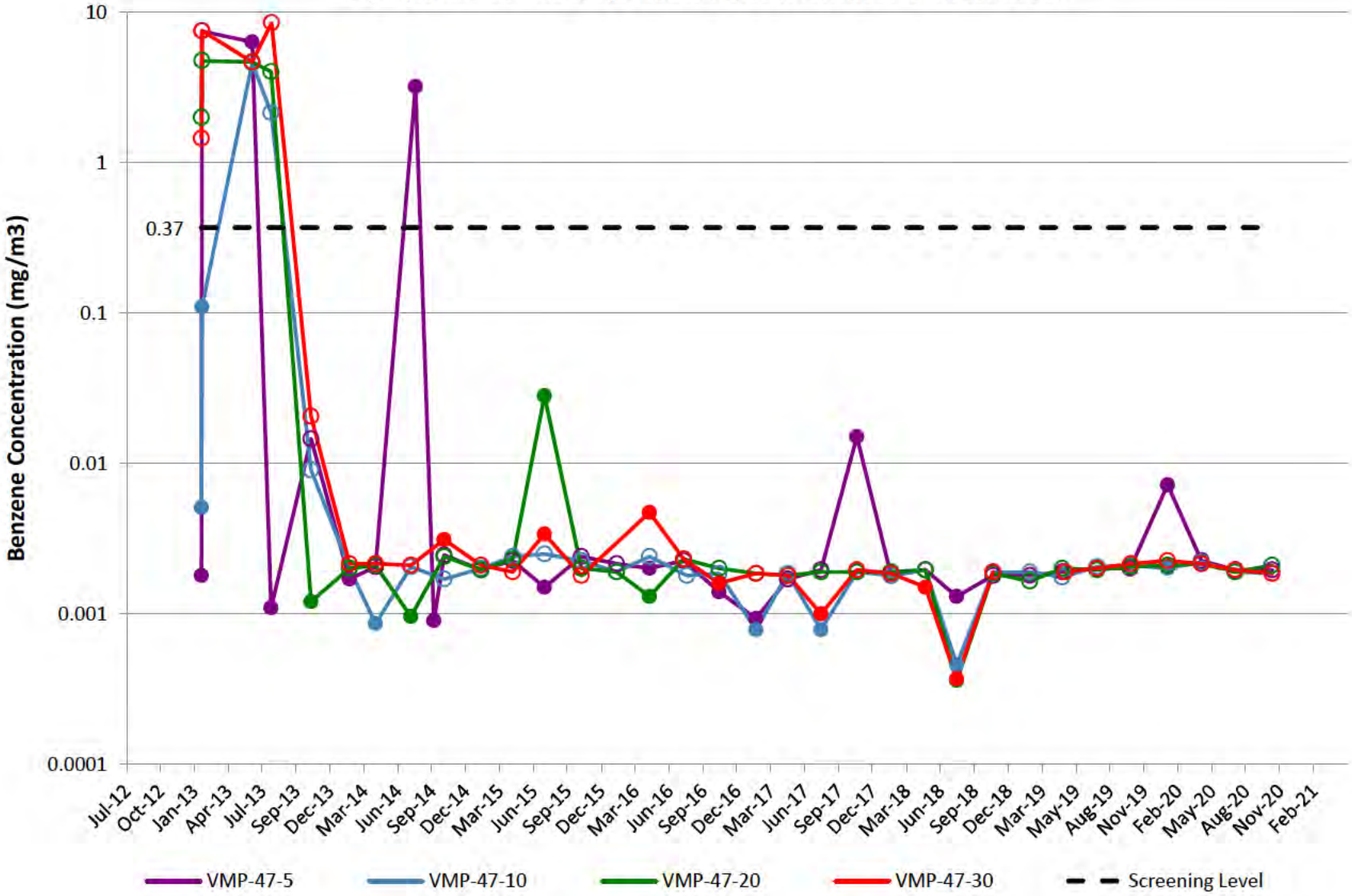
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



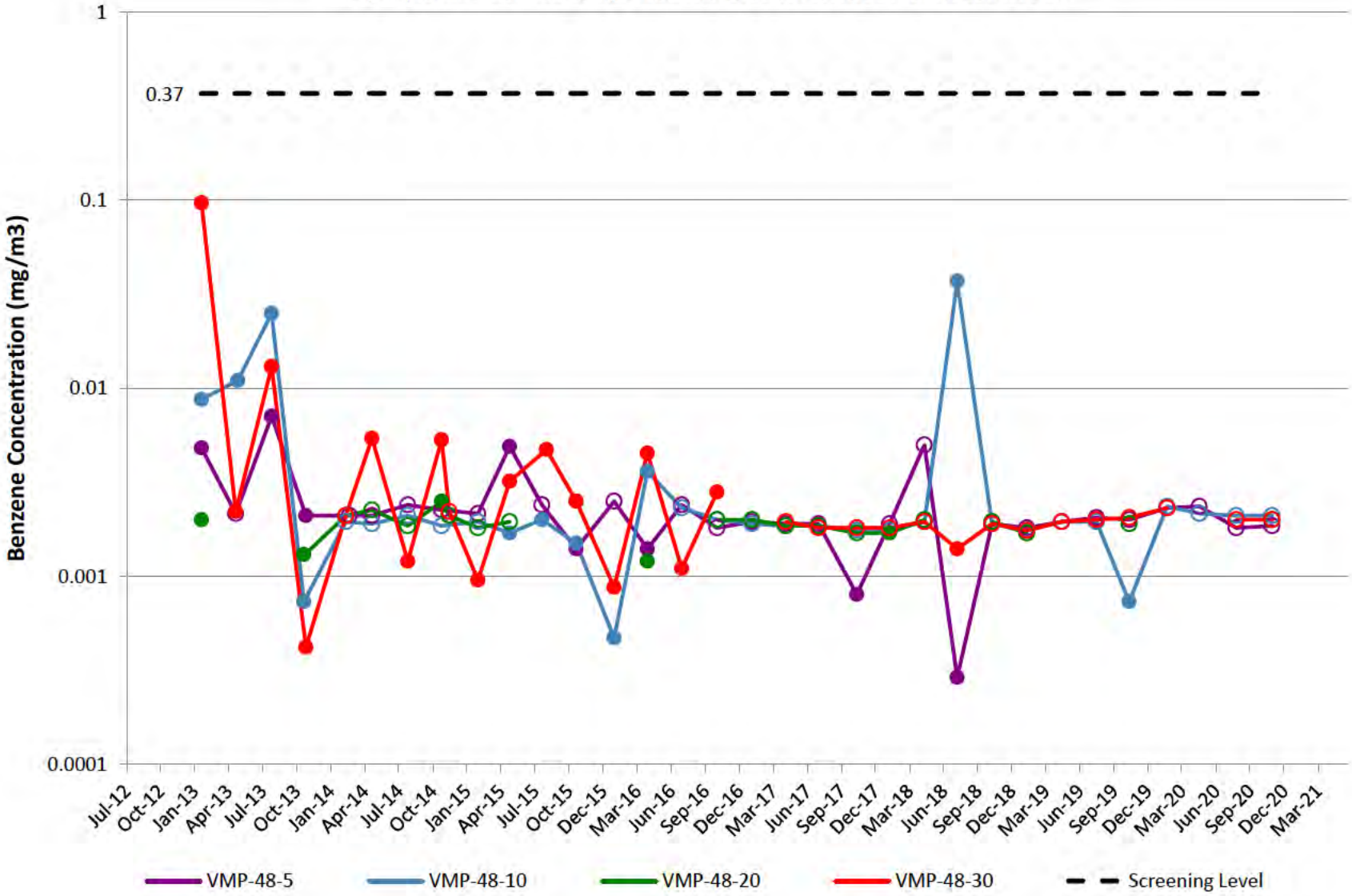
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



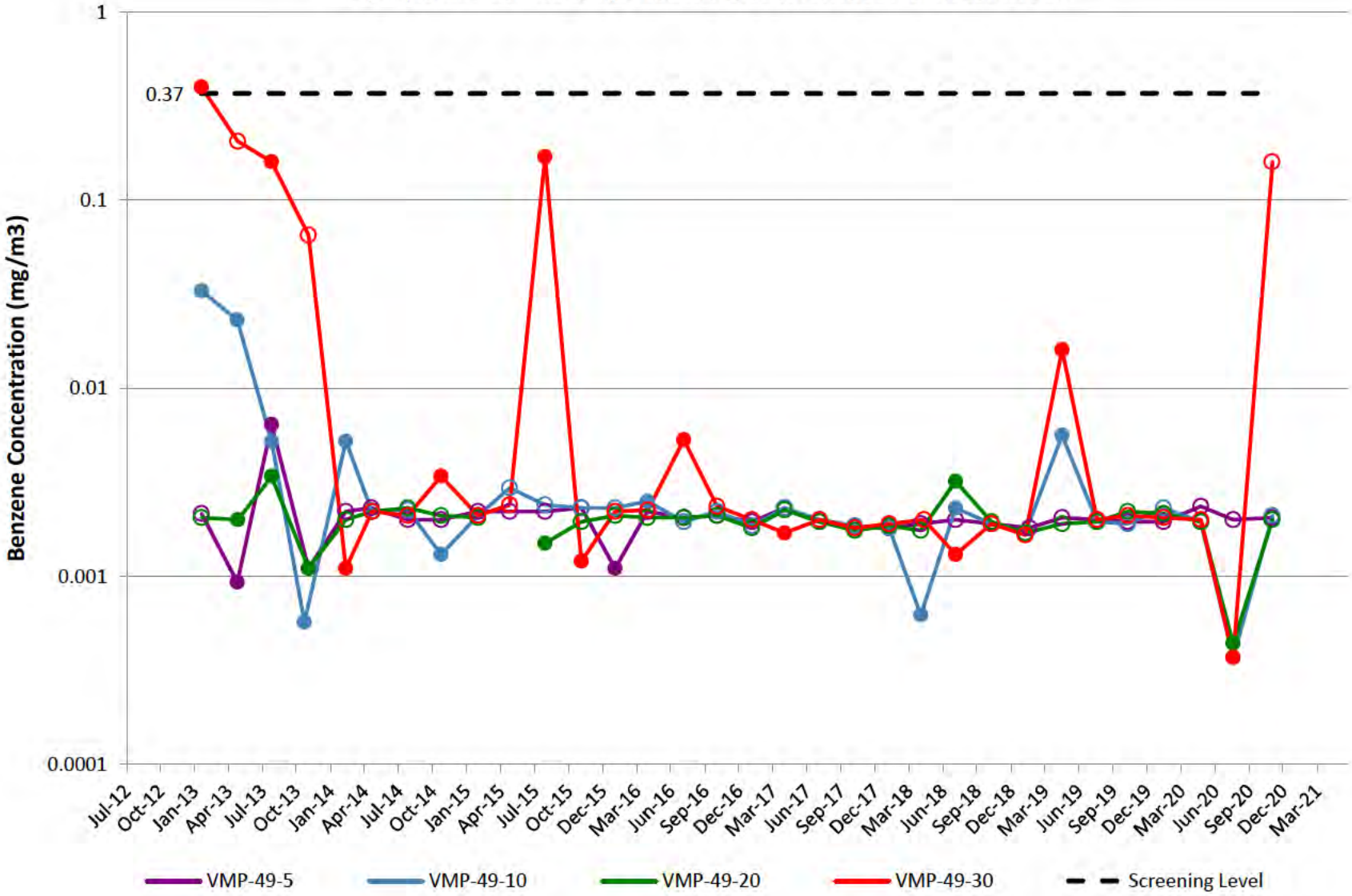
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



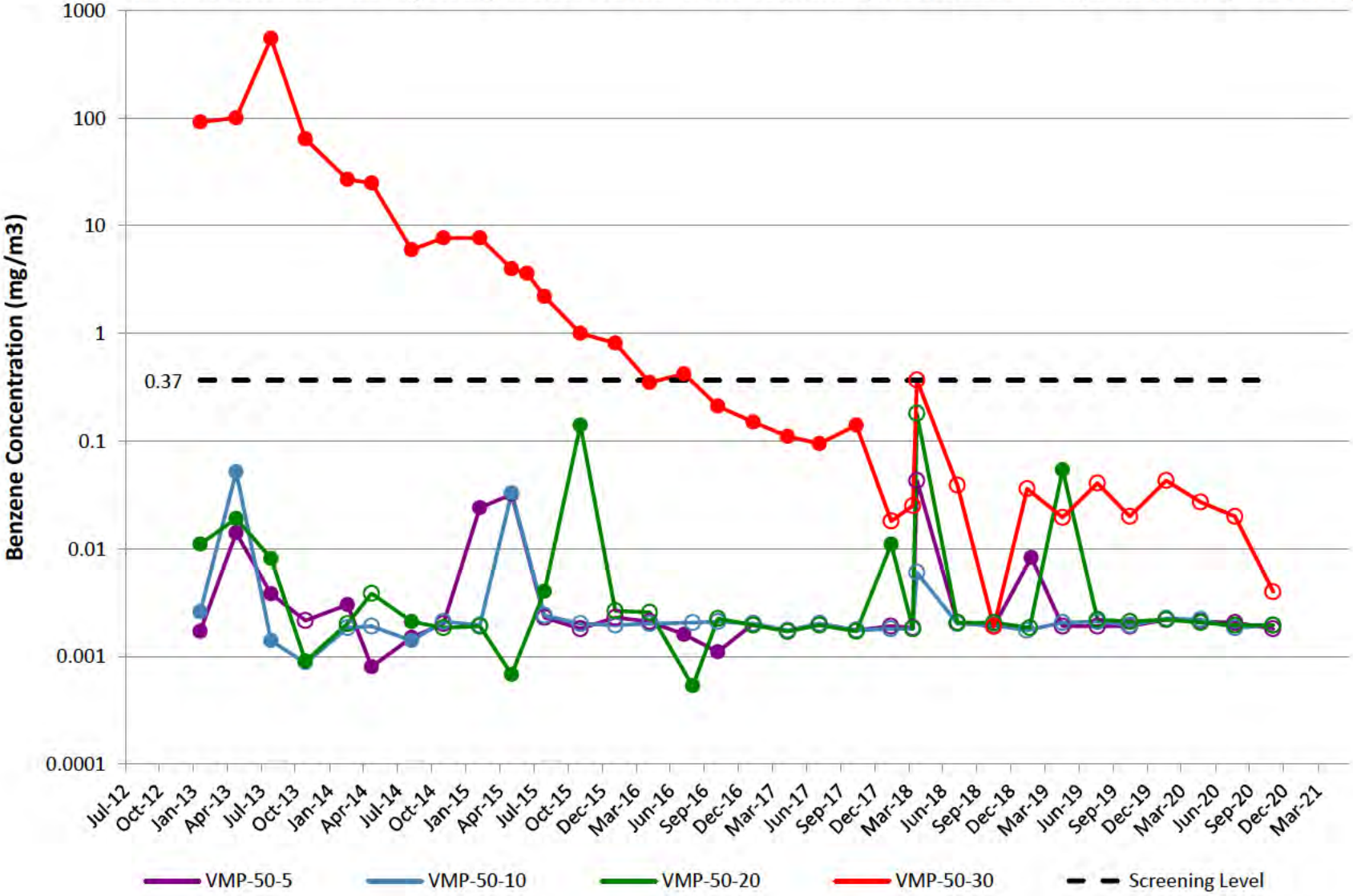
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



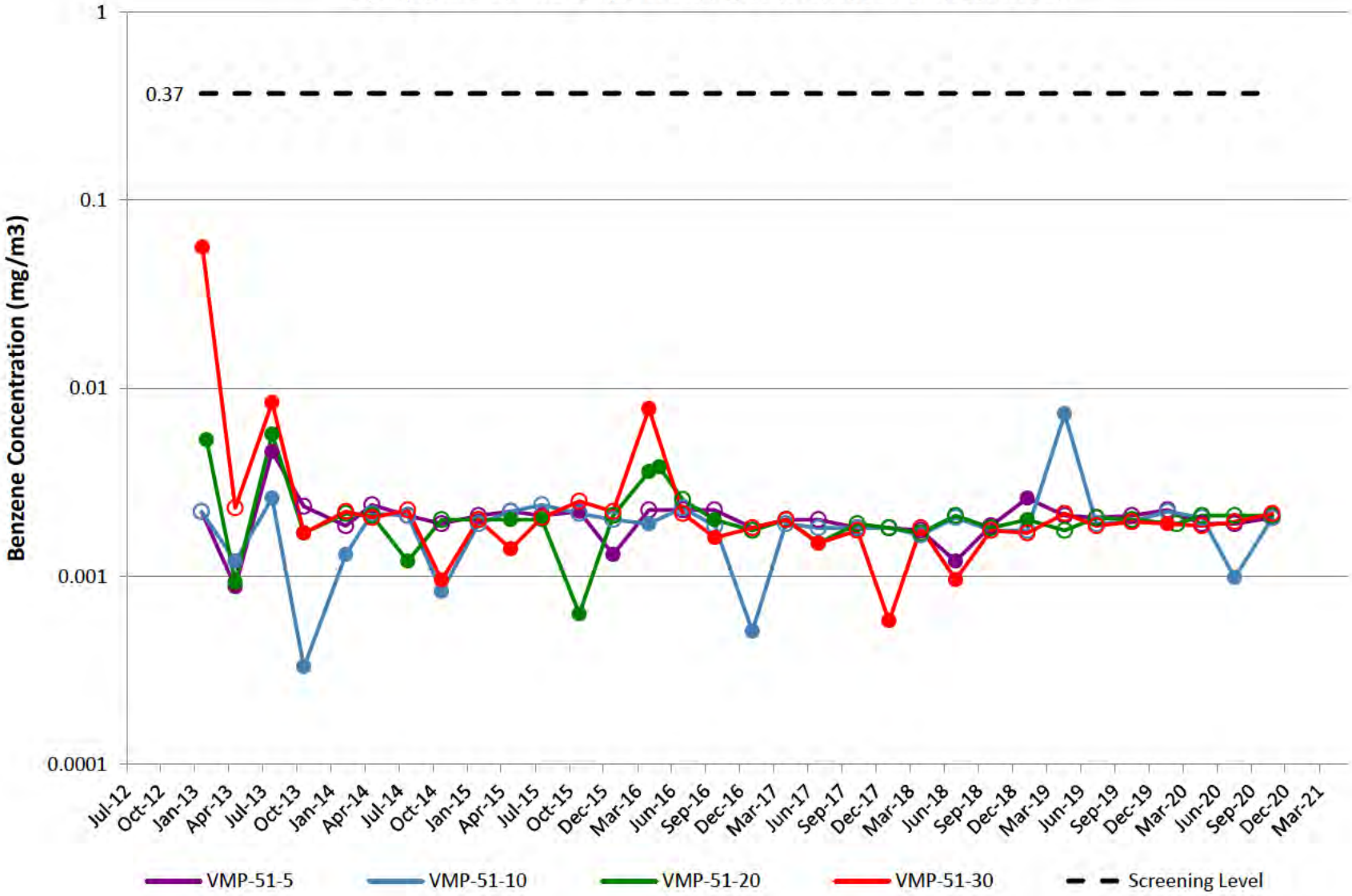
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018 and repaired on May 31,



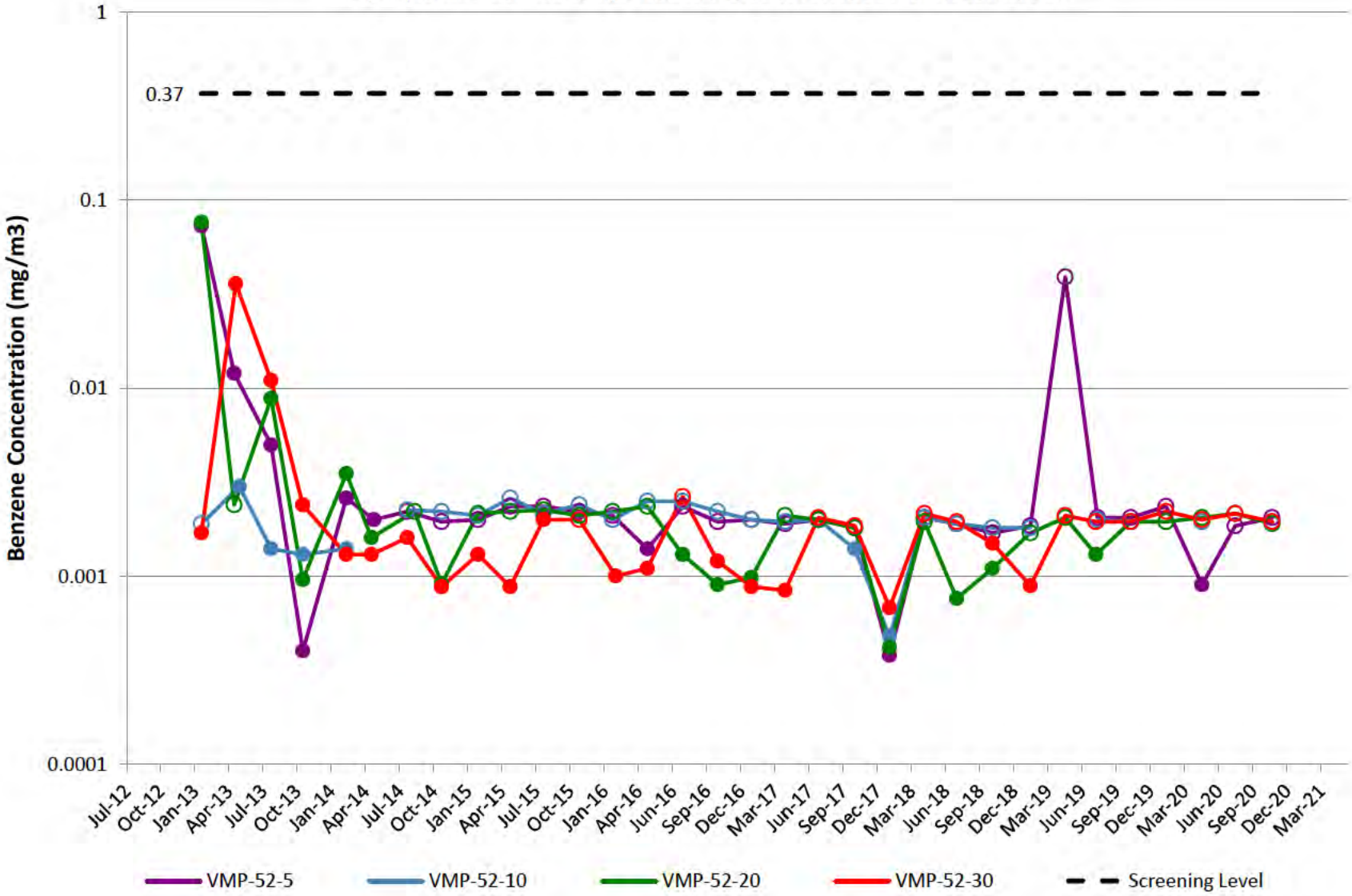
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



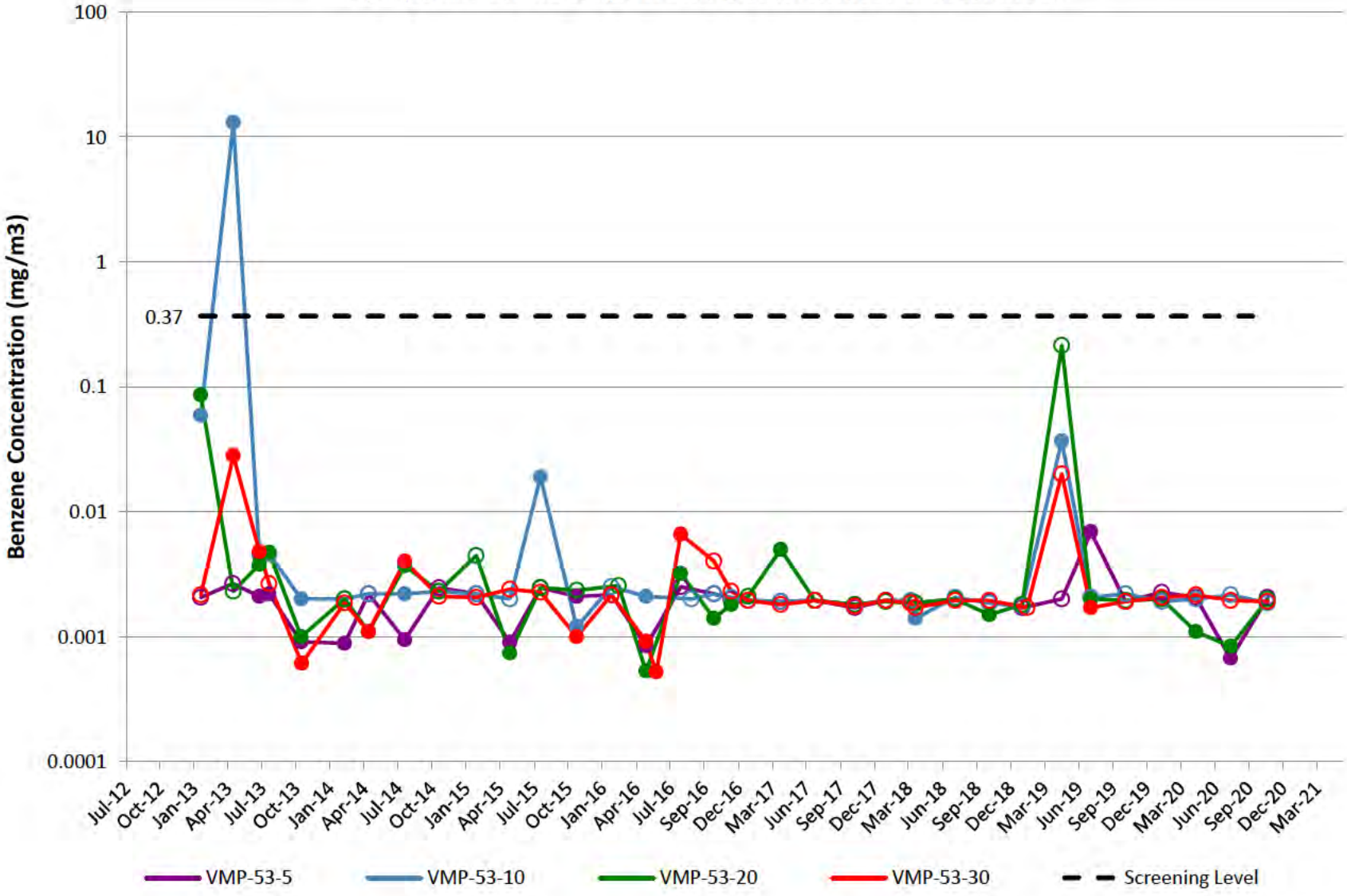
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



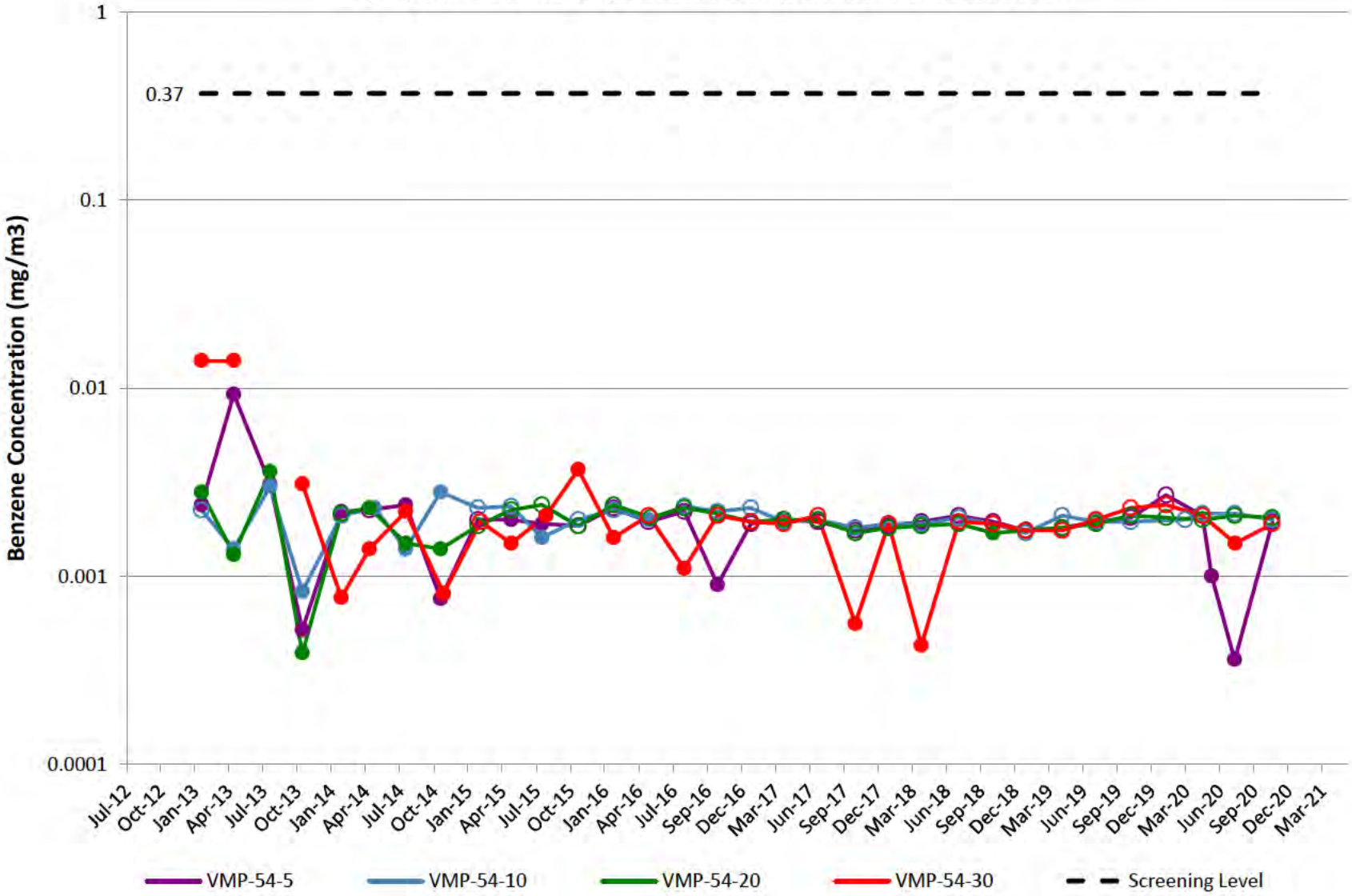
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



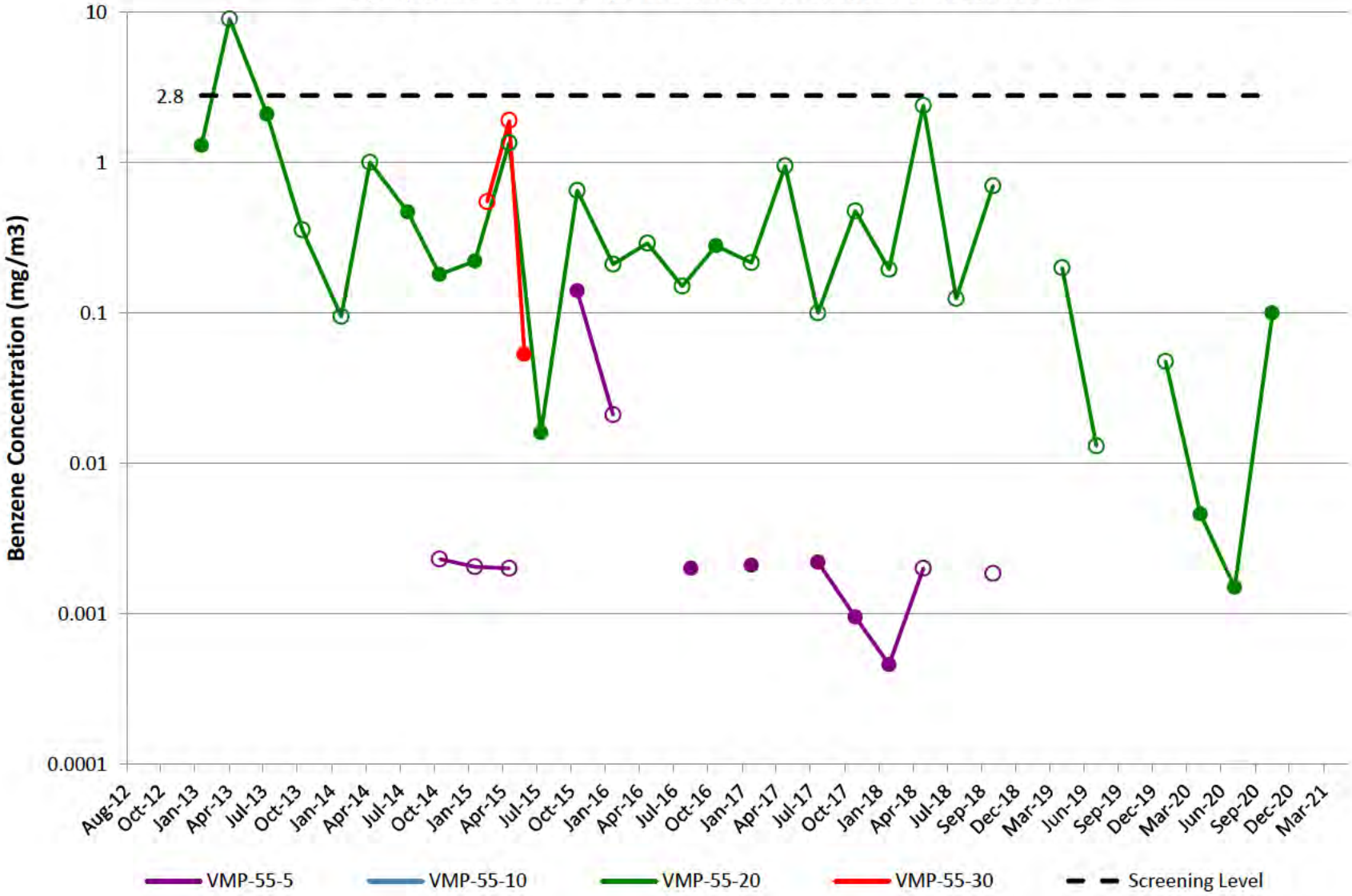
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



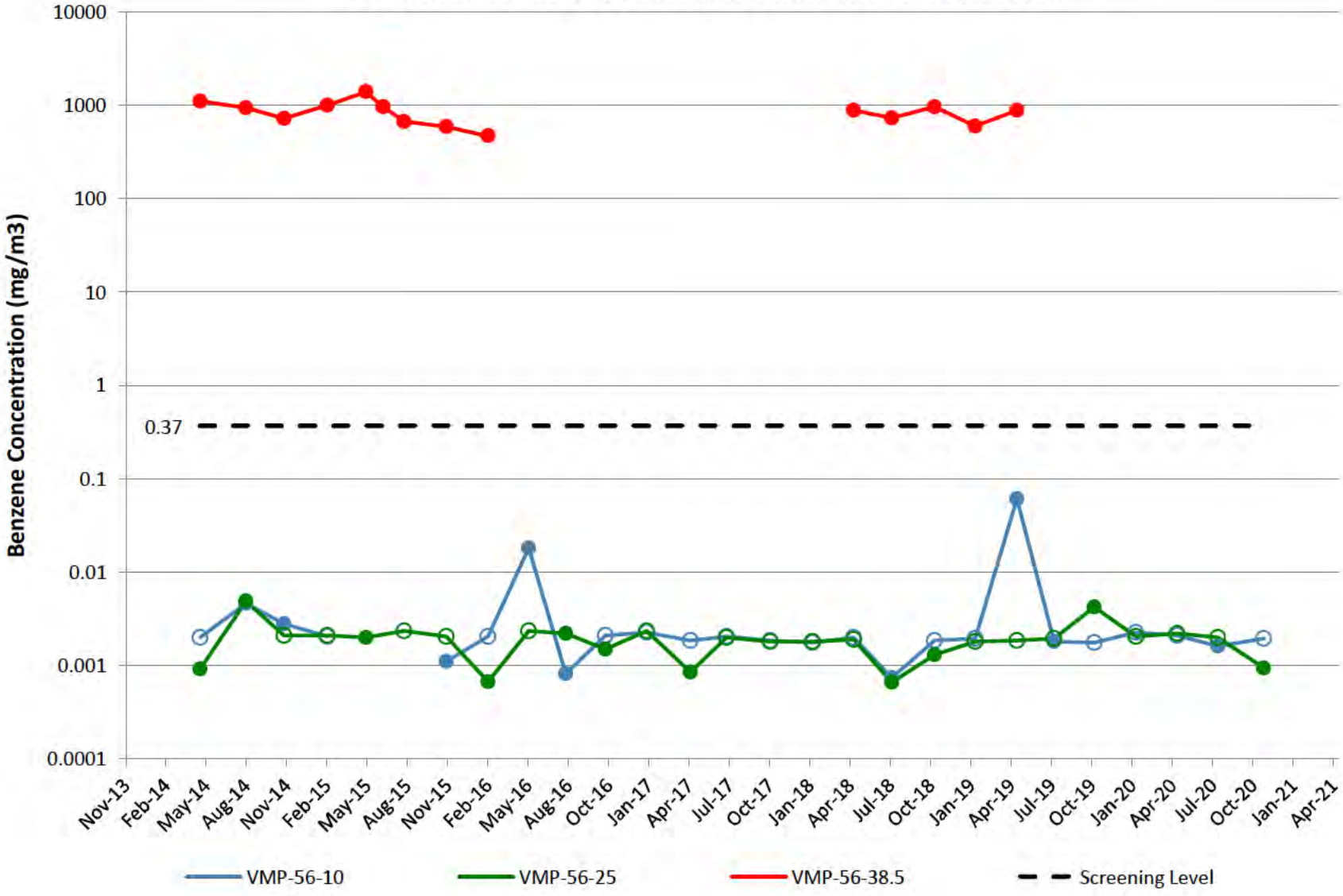
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



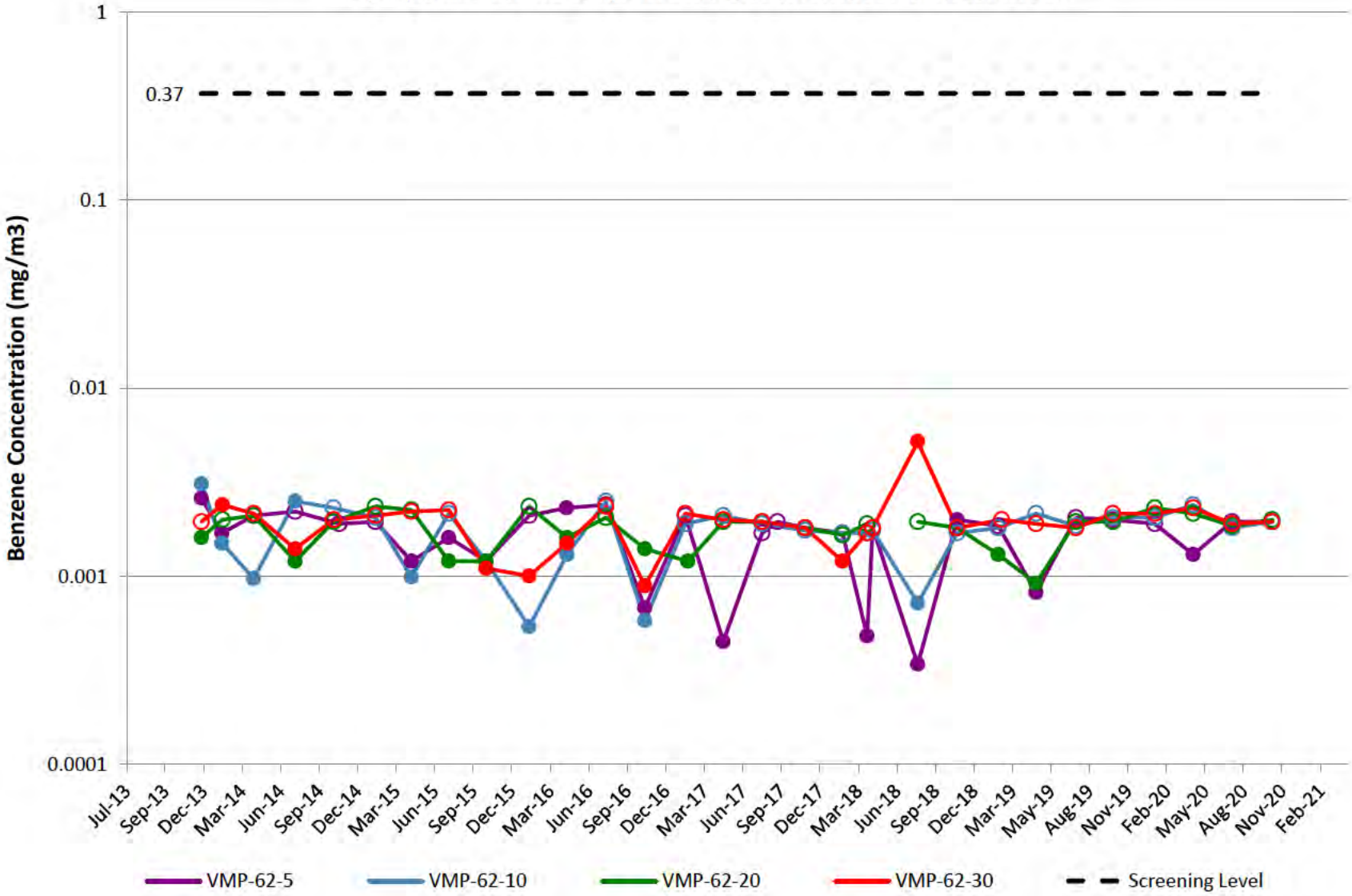
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



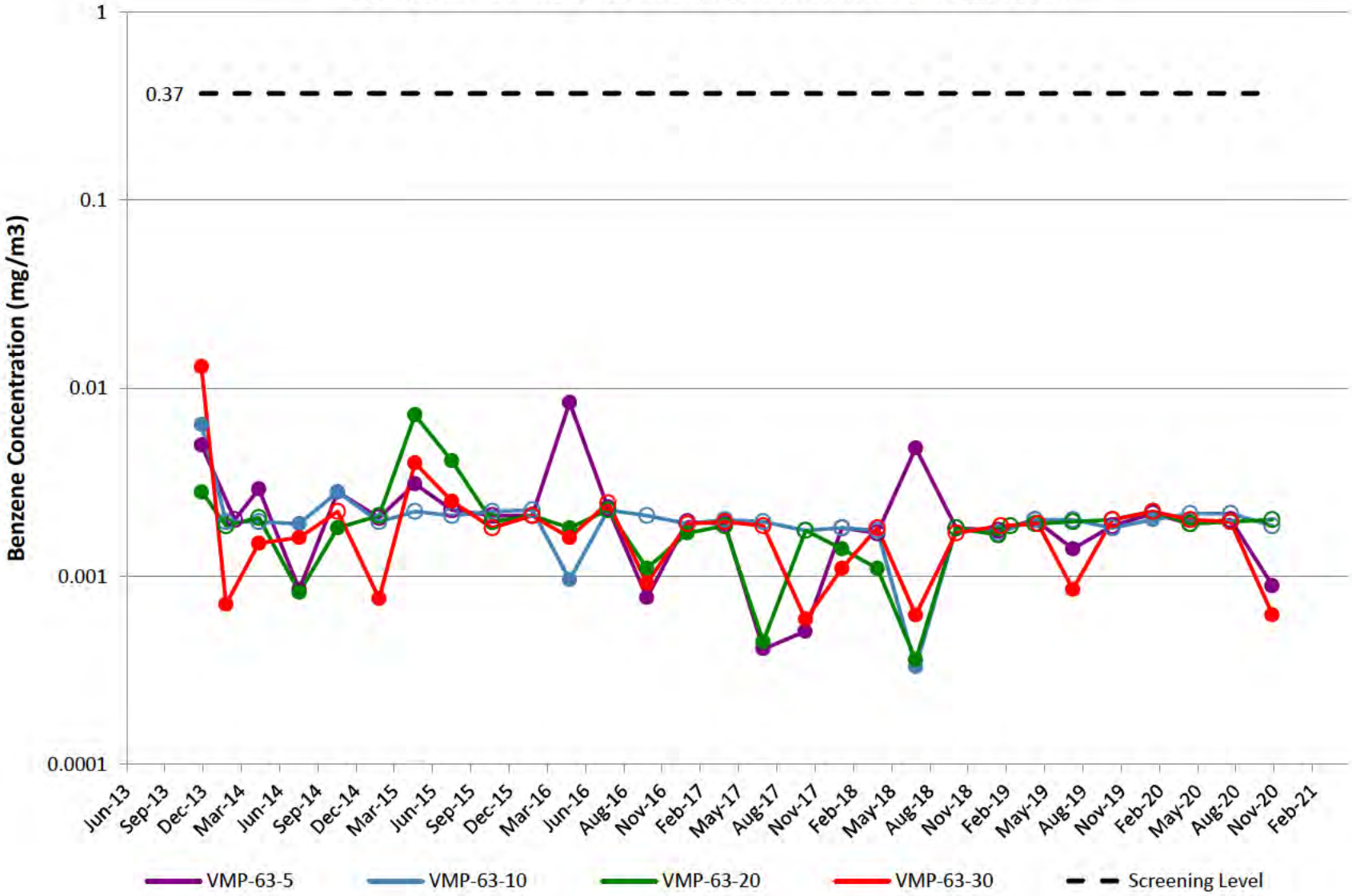
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



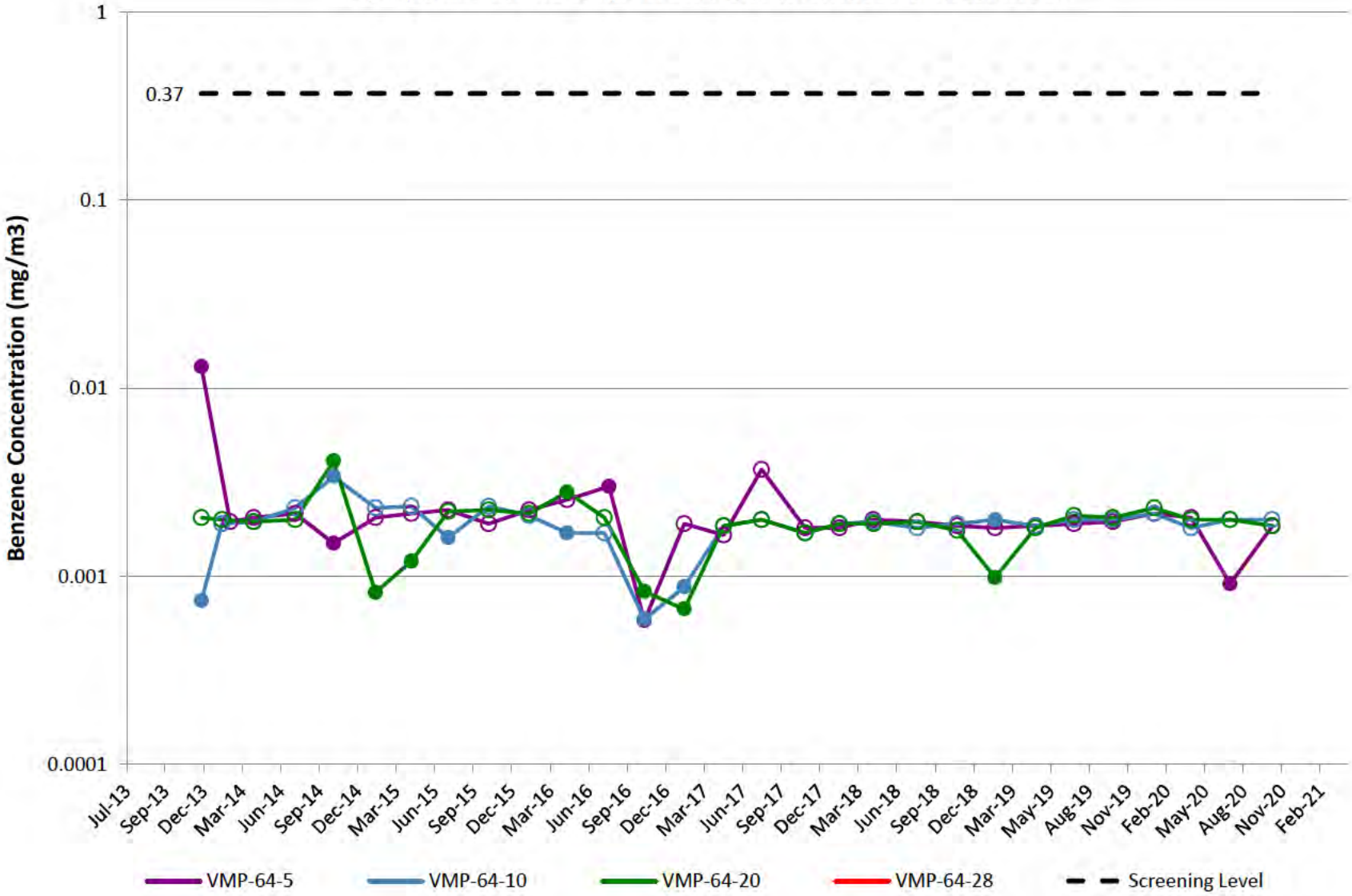
VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



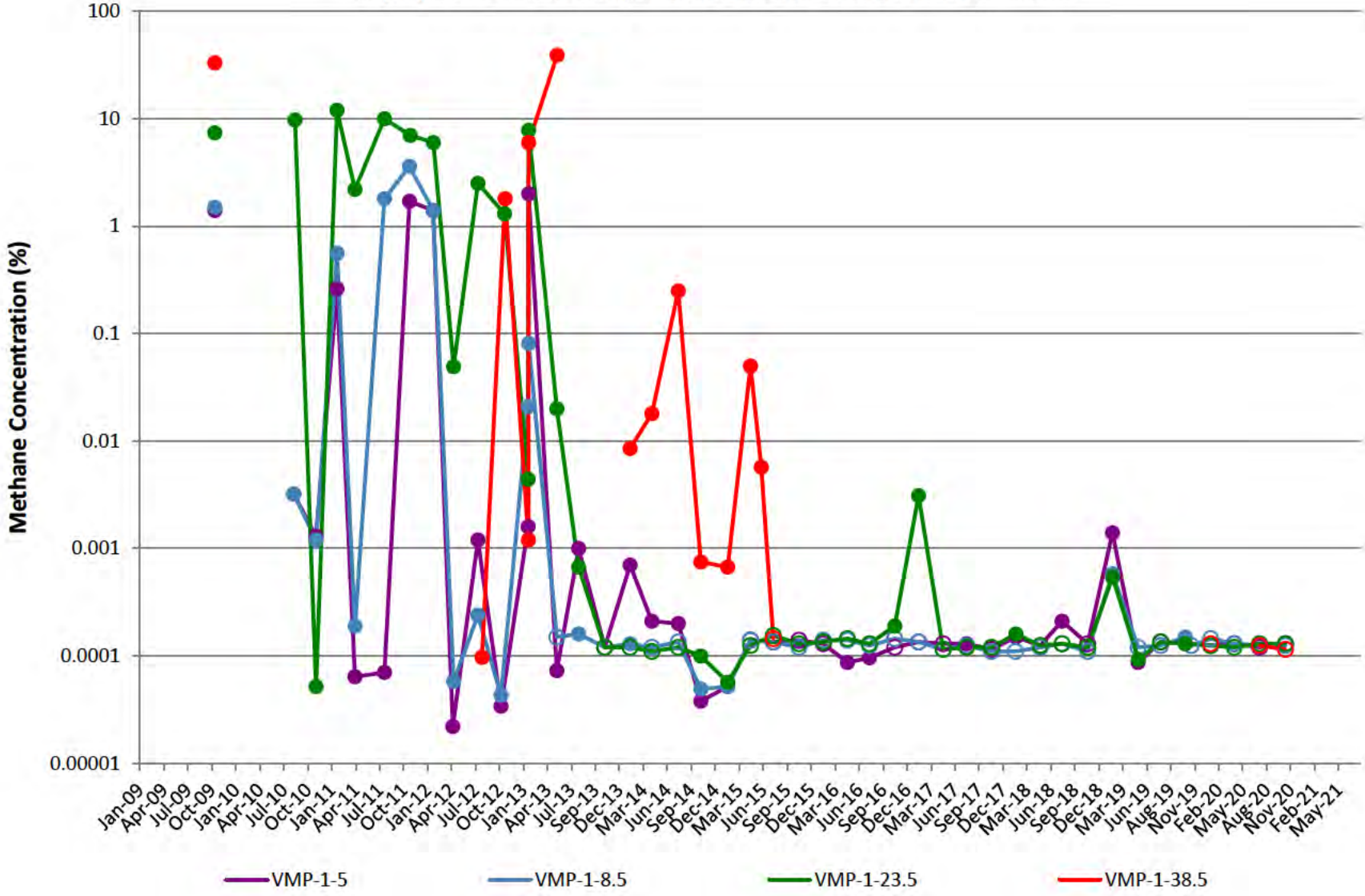
VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



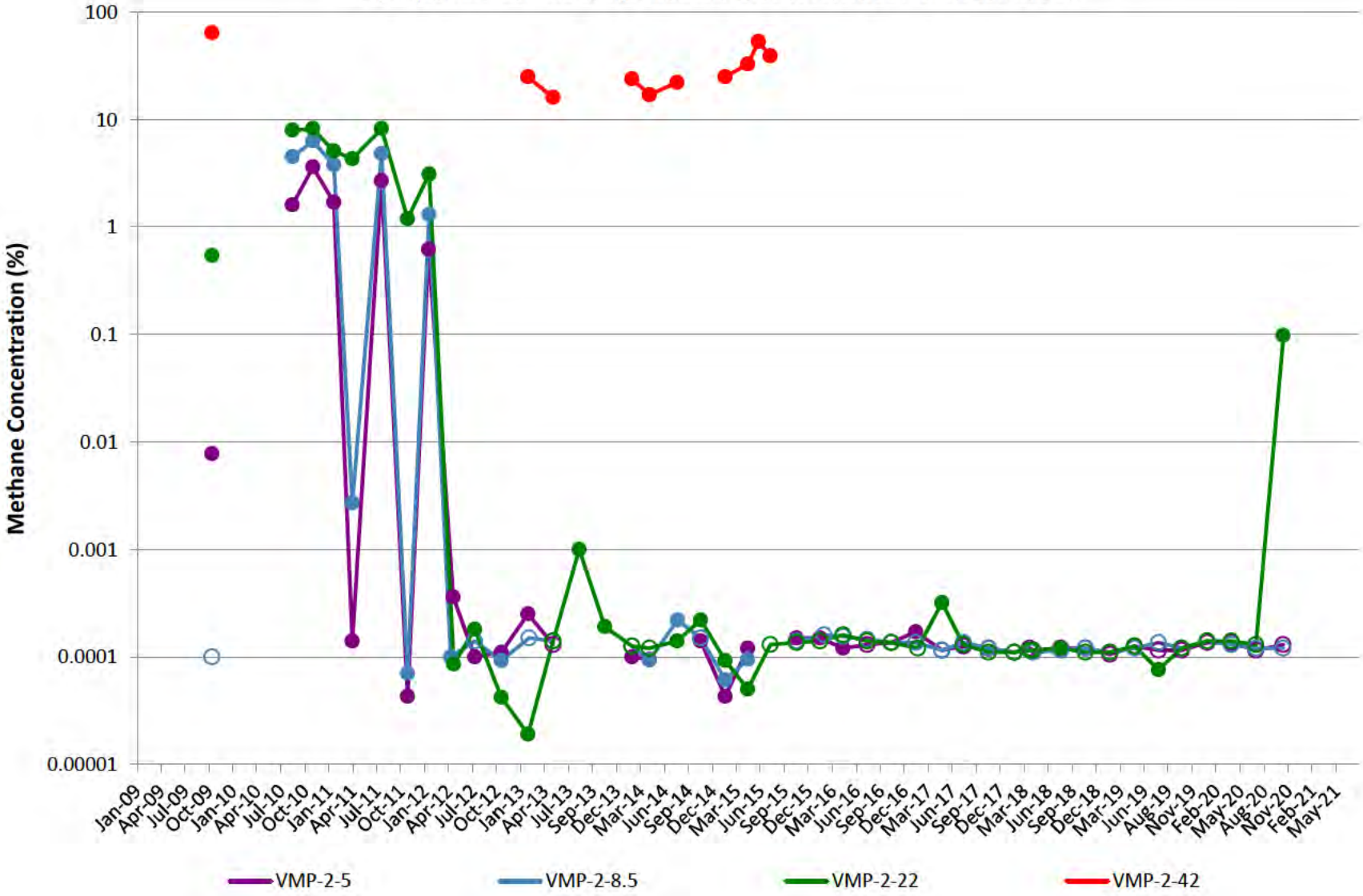
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



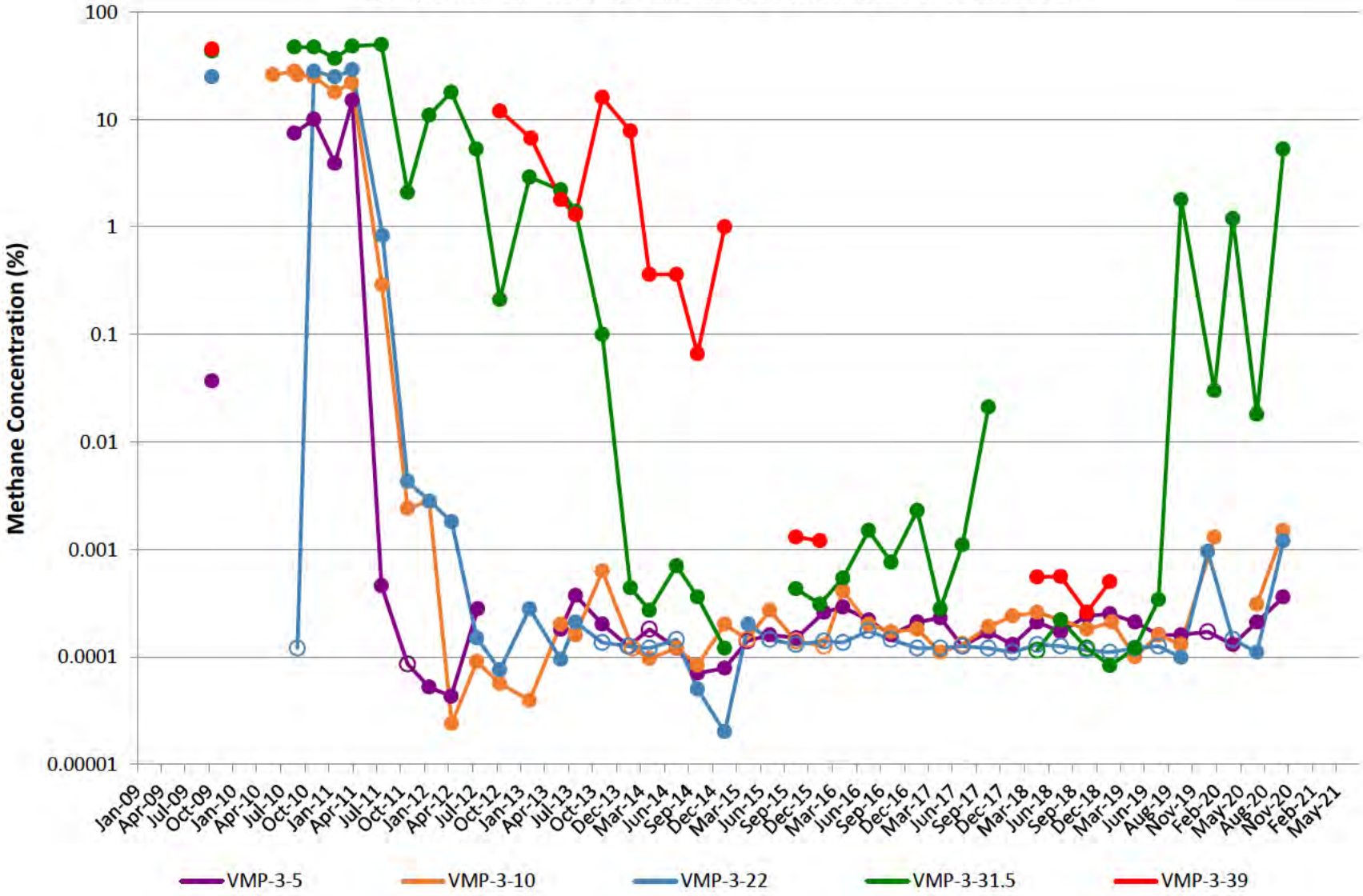
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



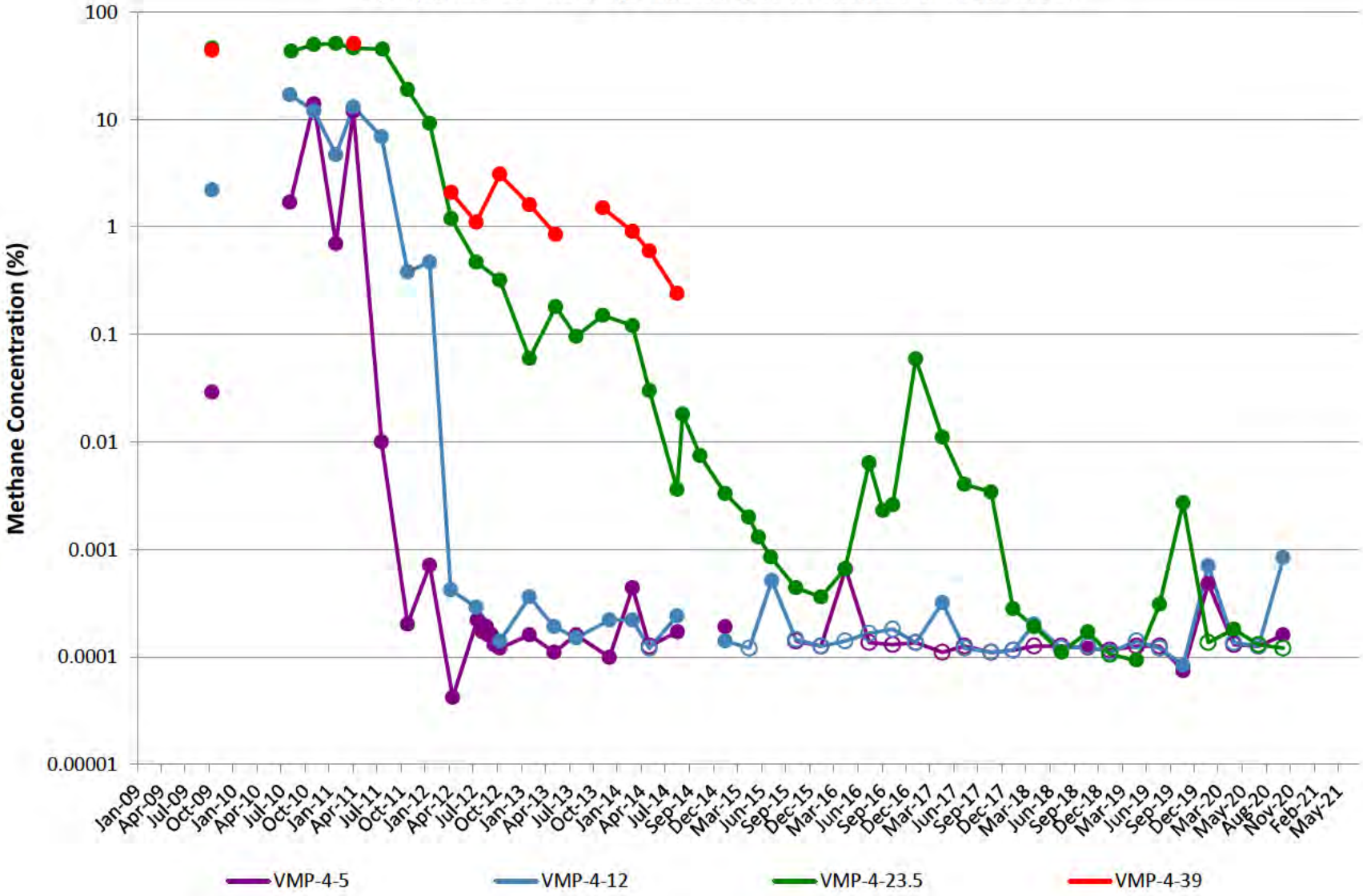
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



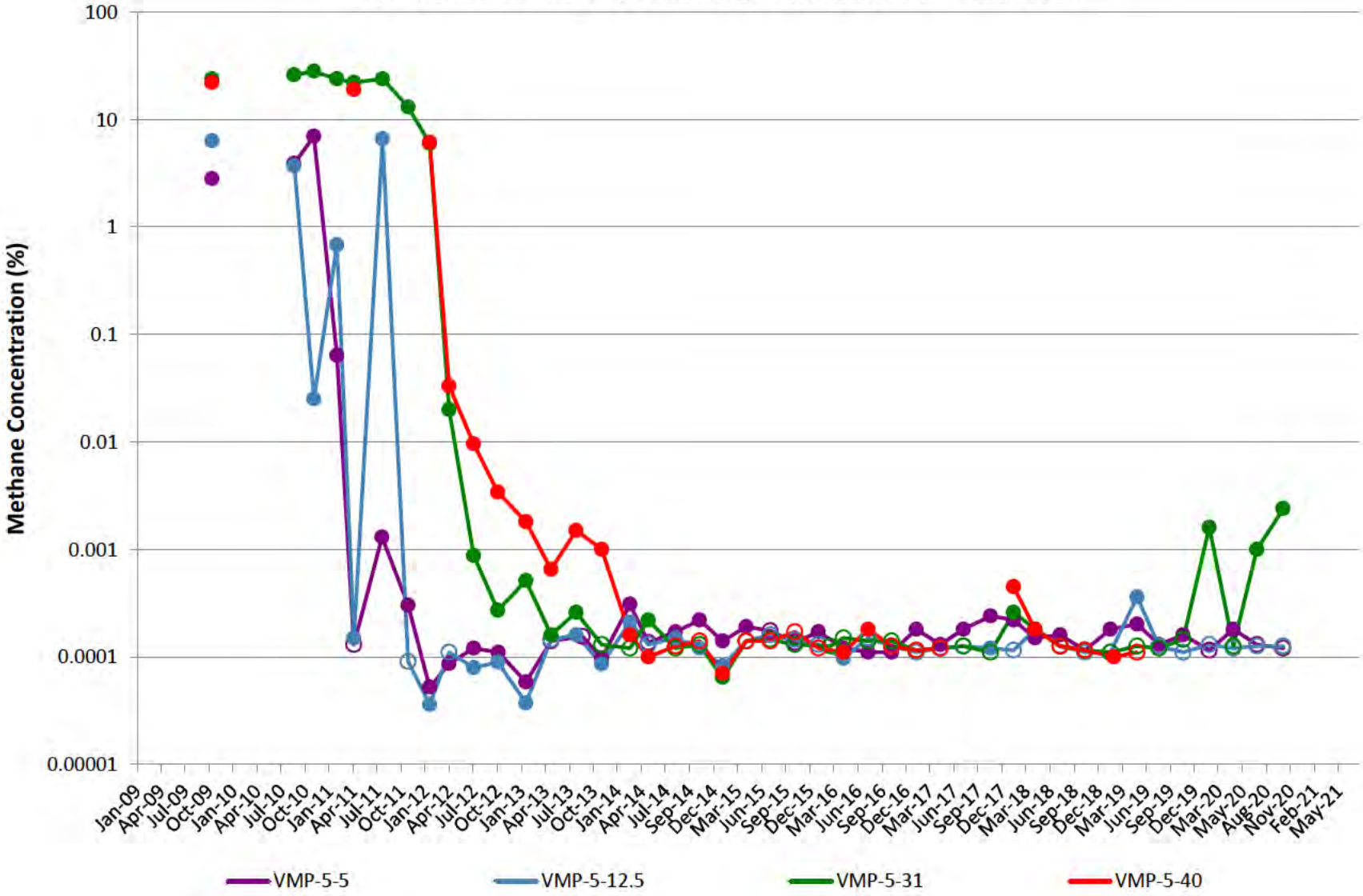
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



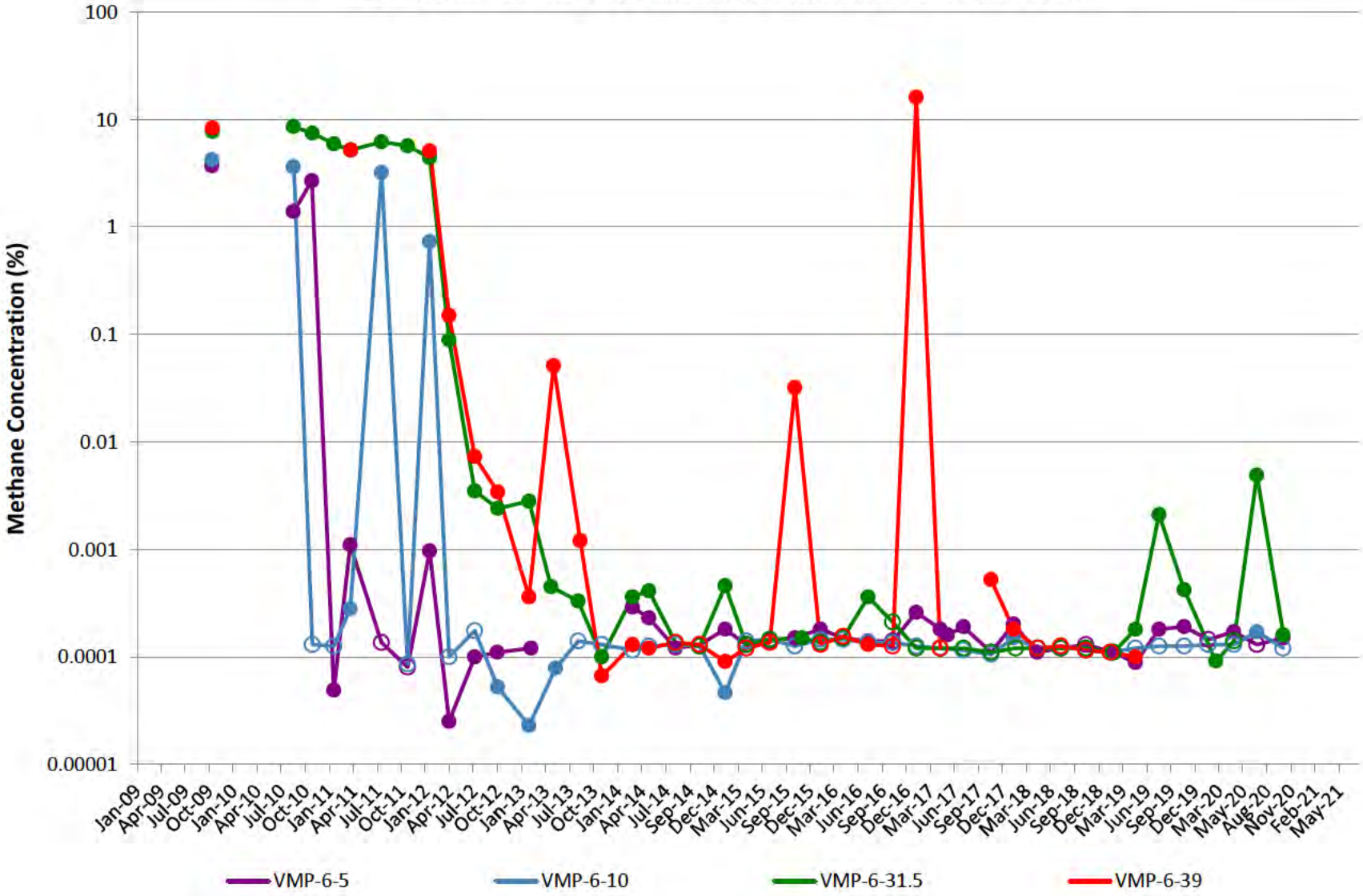
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



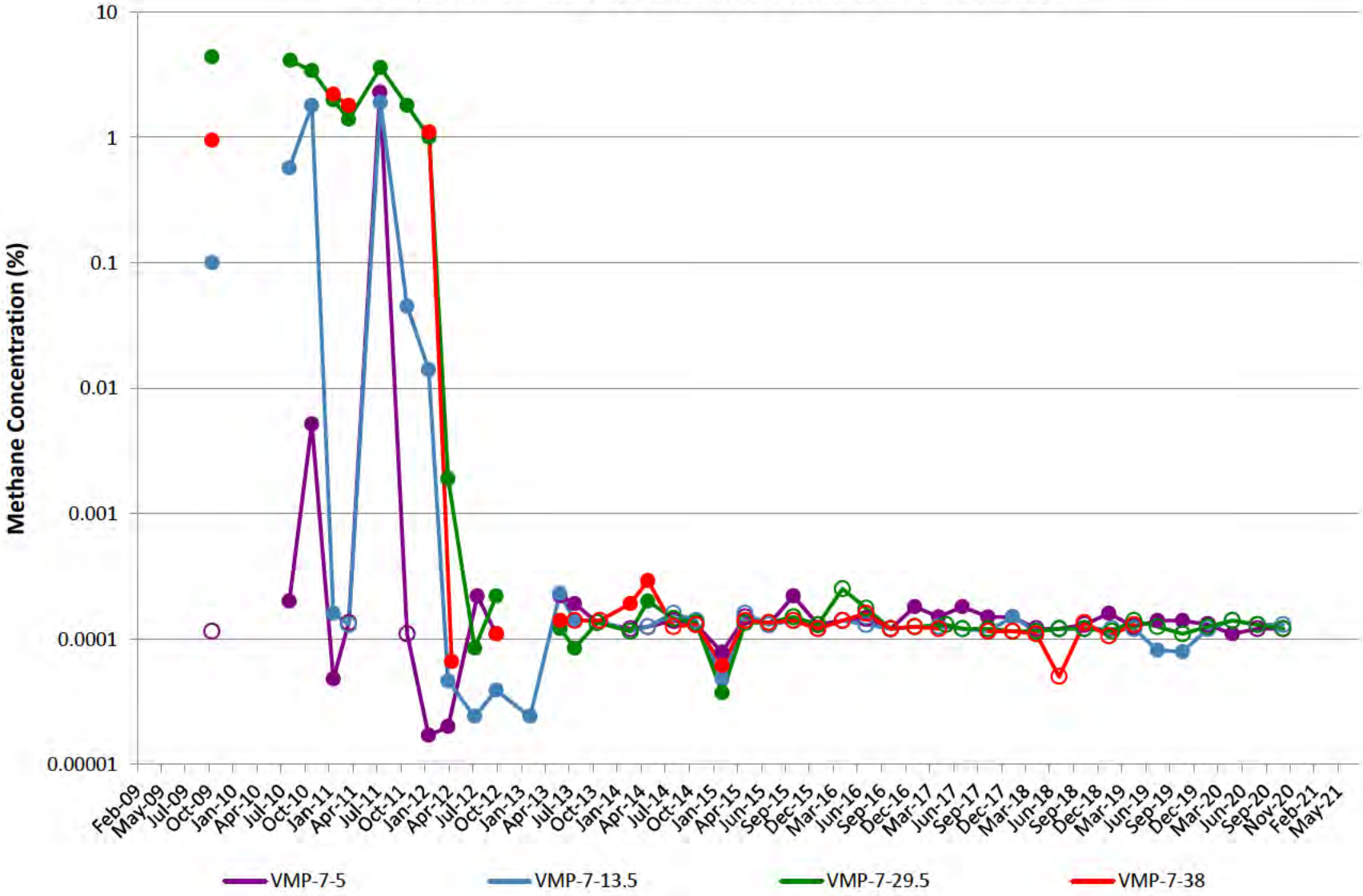
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



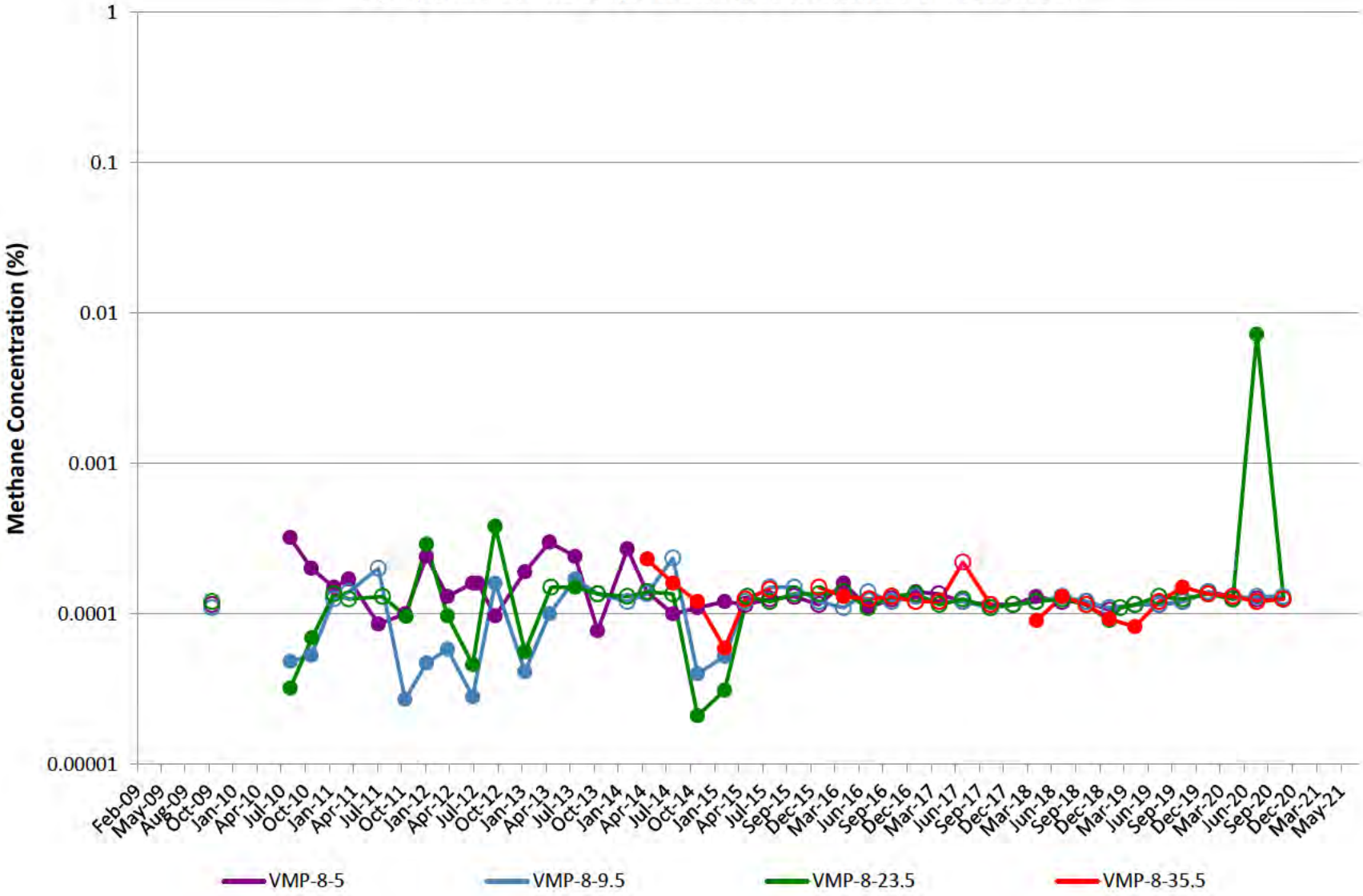
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



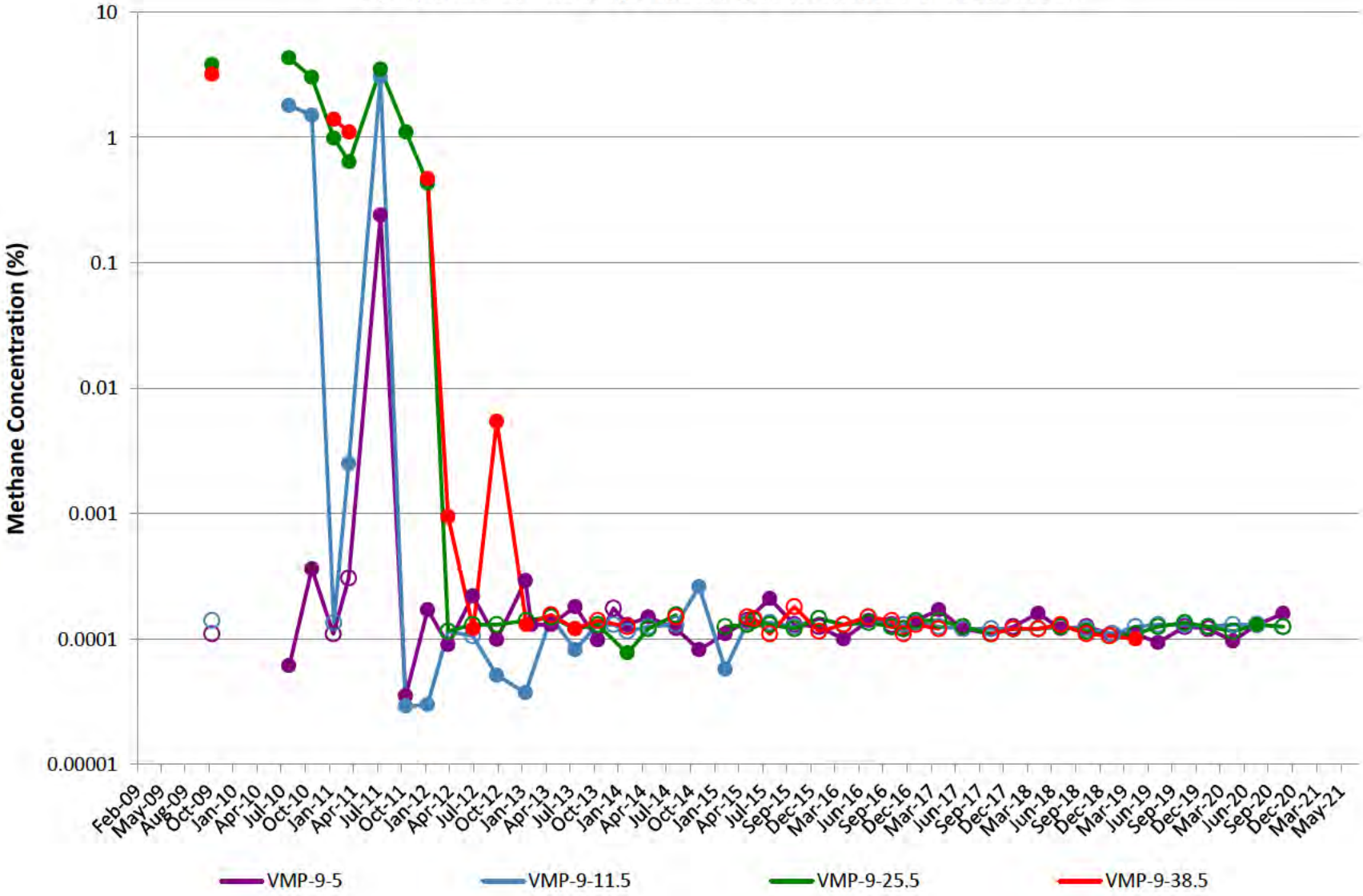
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



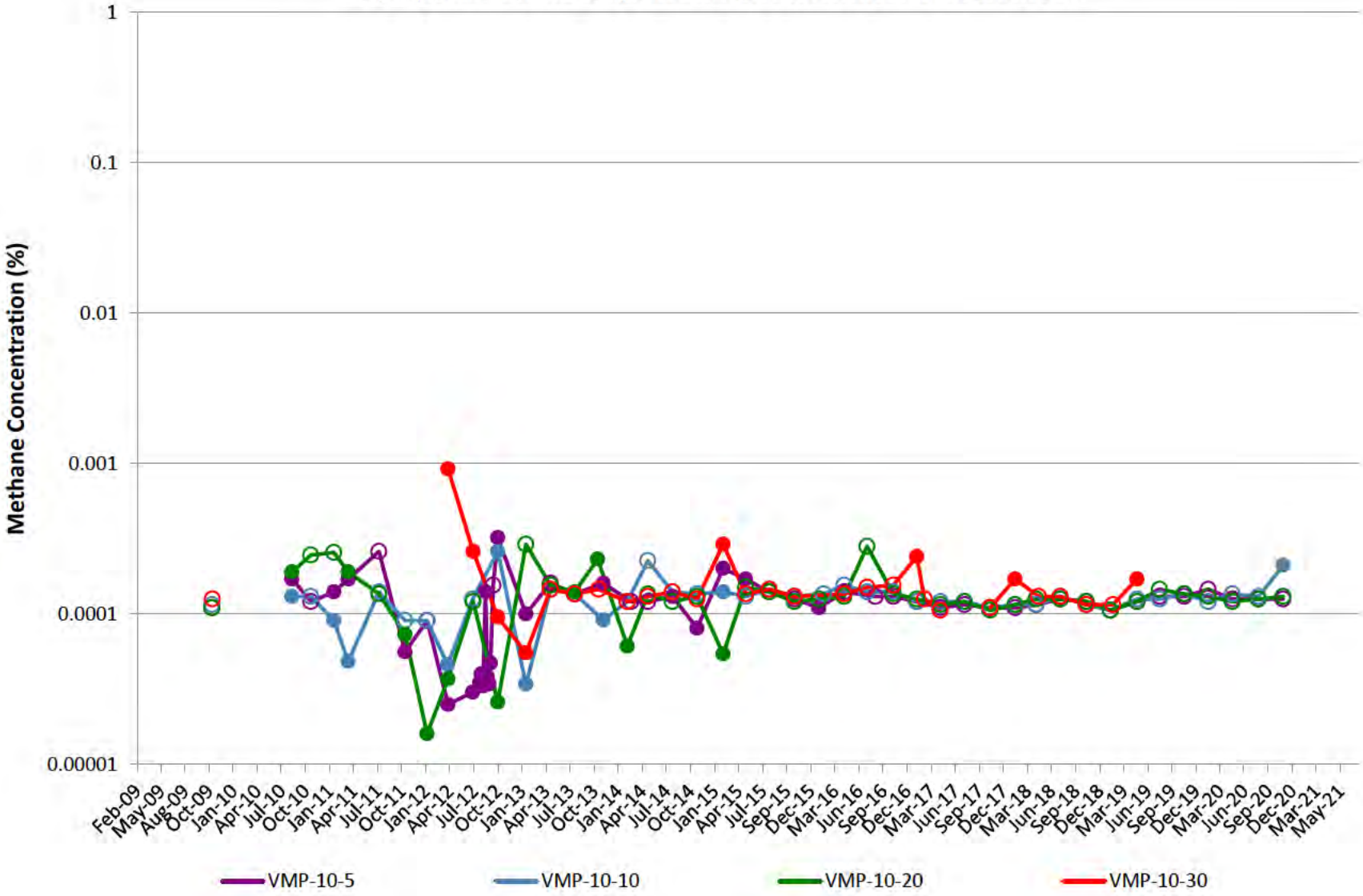
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



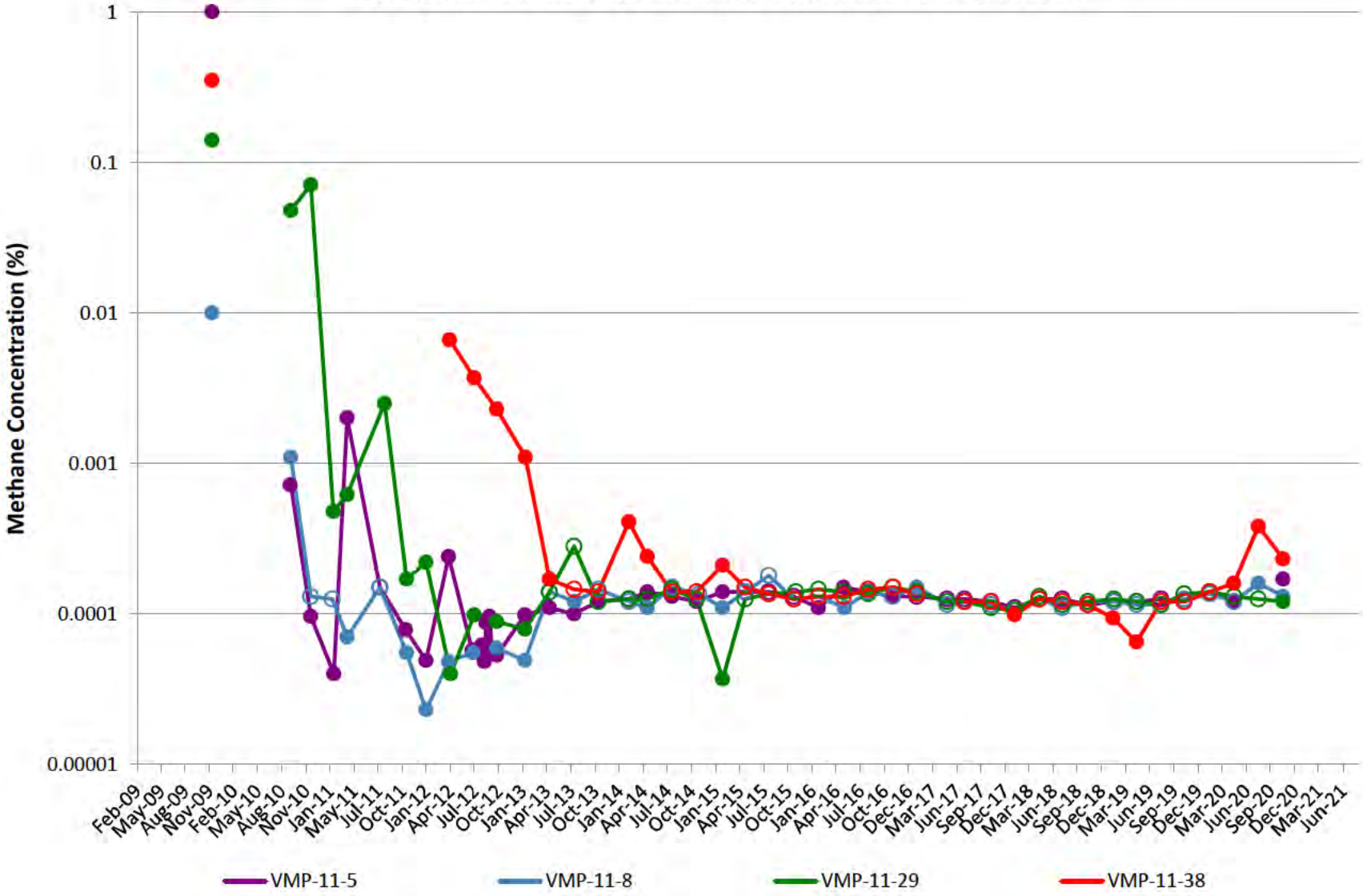
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



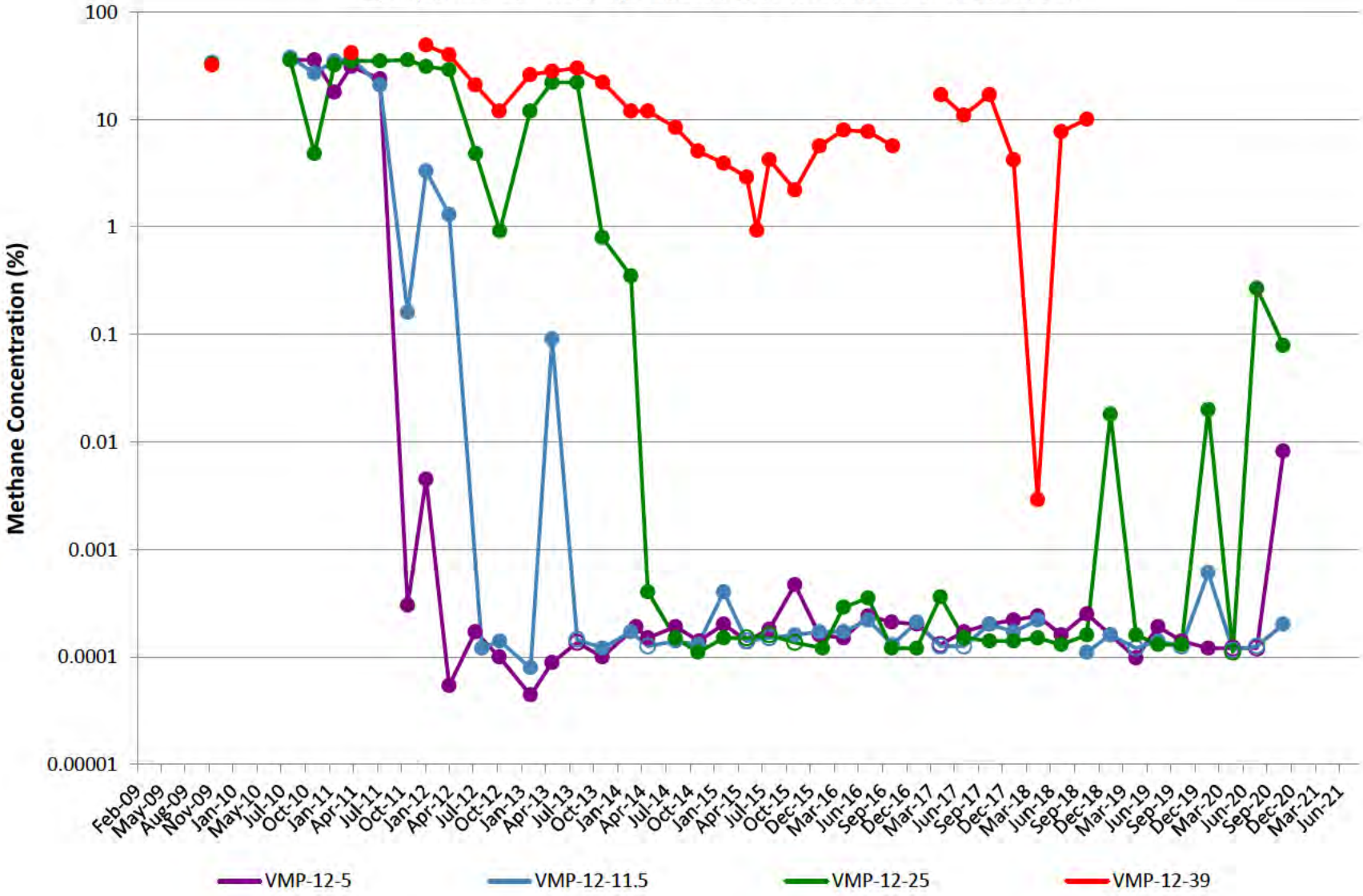
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



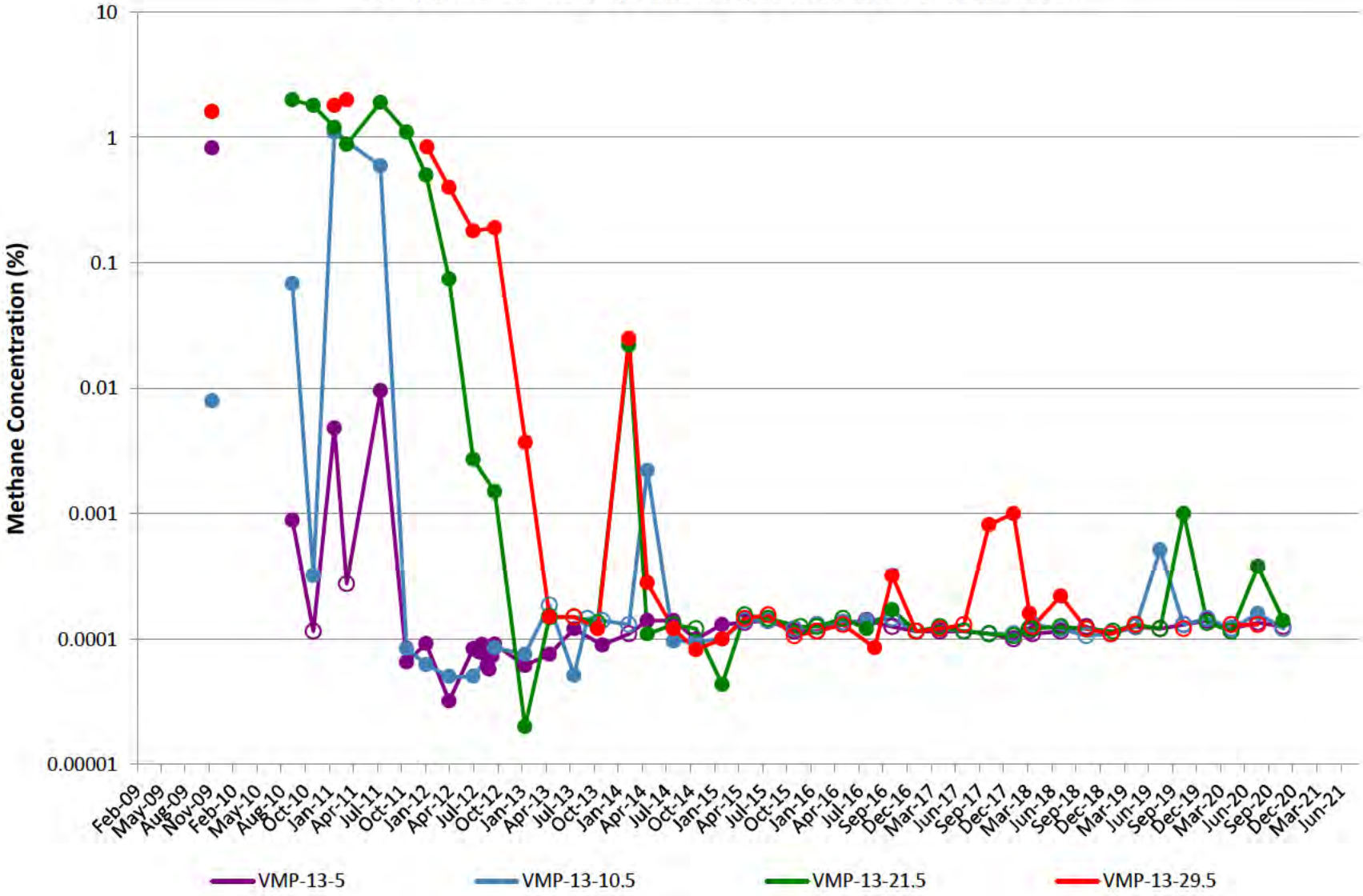
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



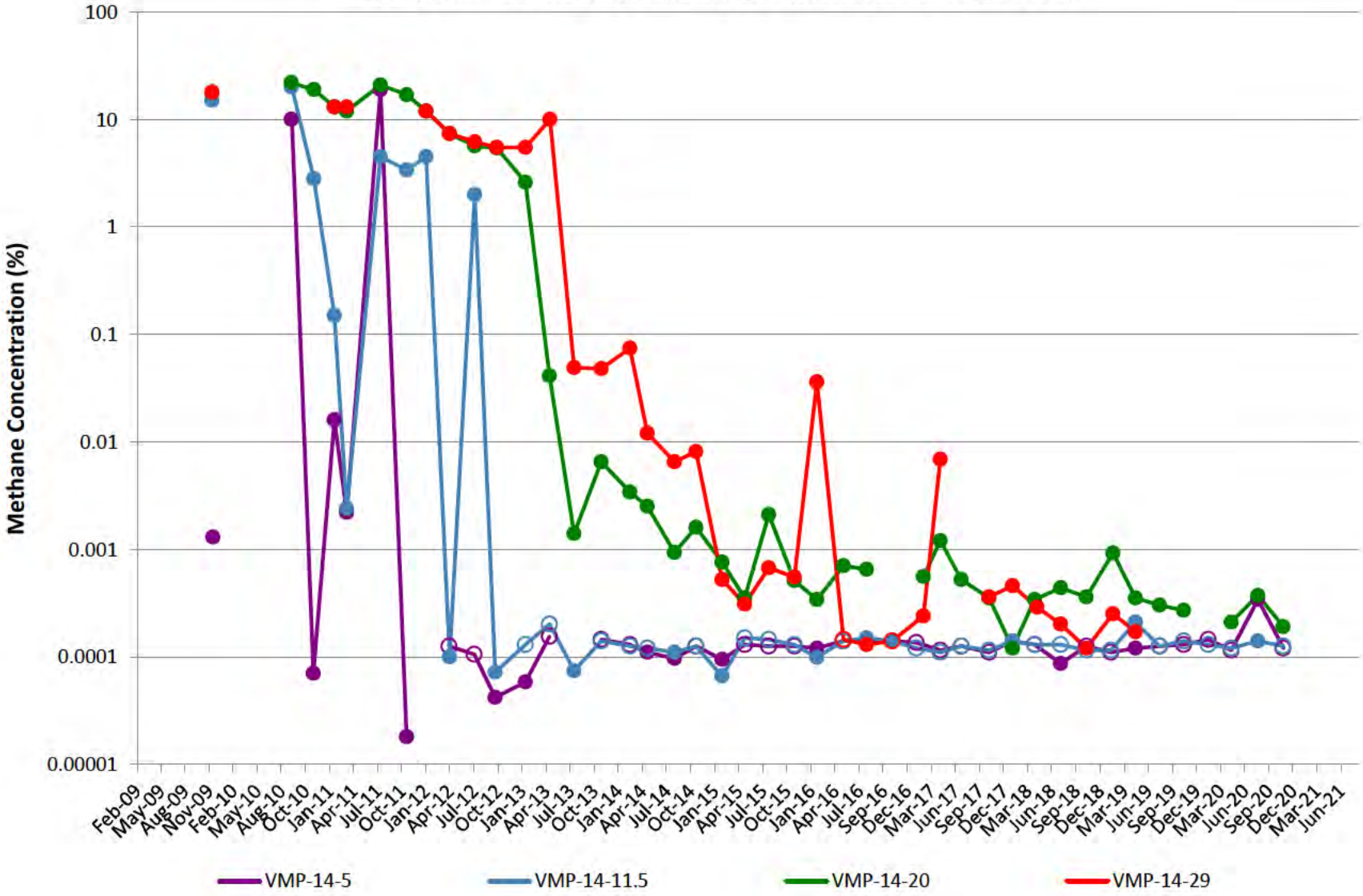
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



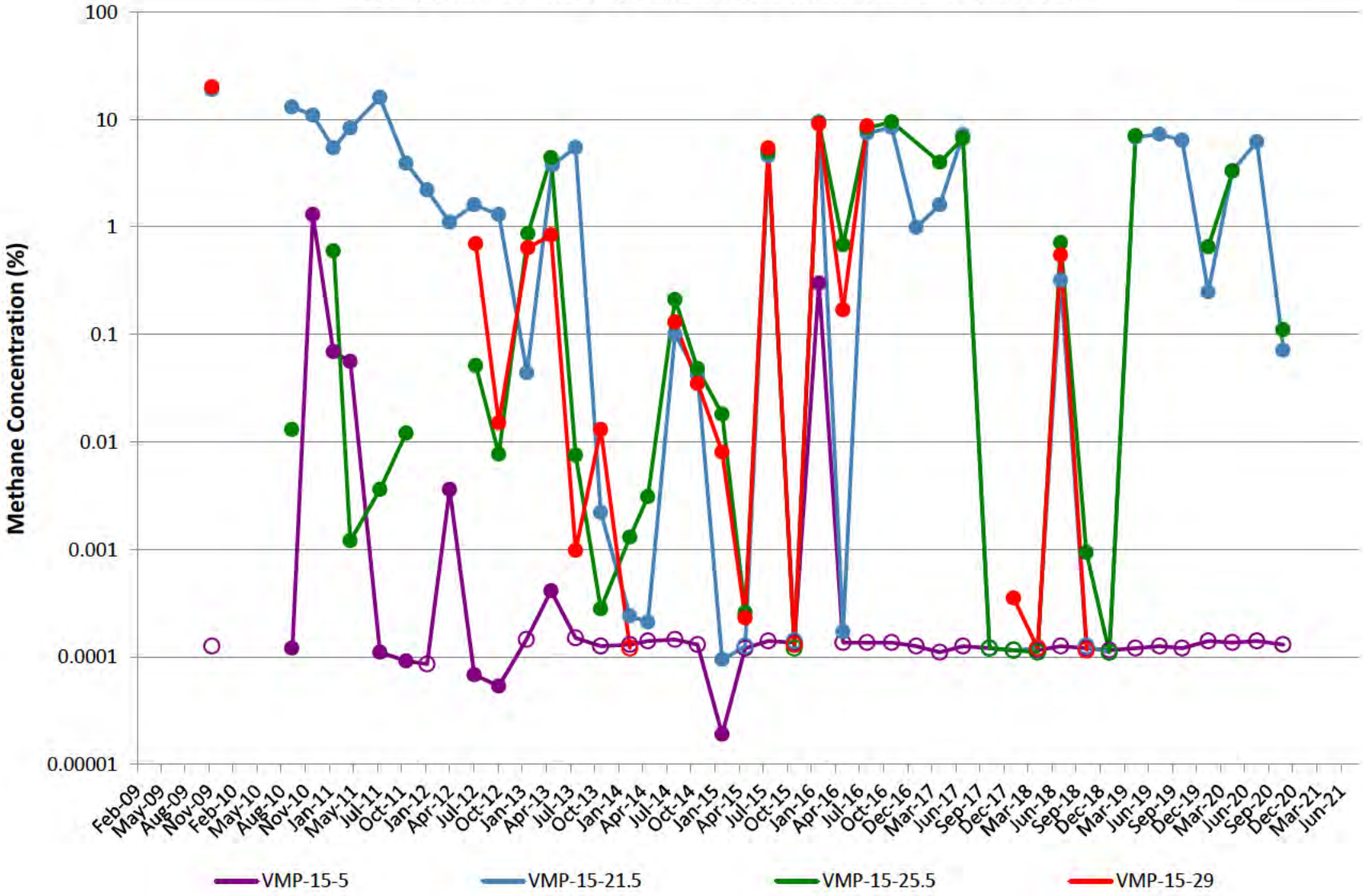
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



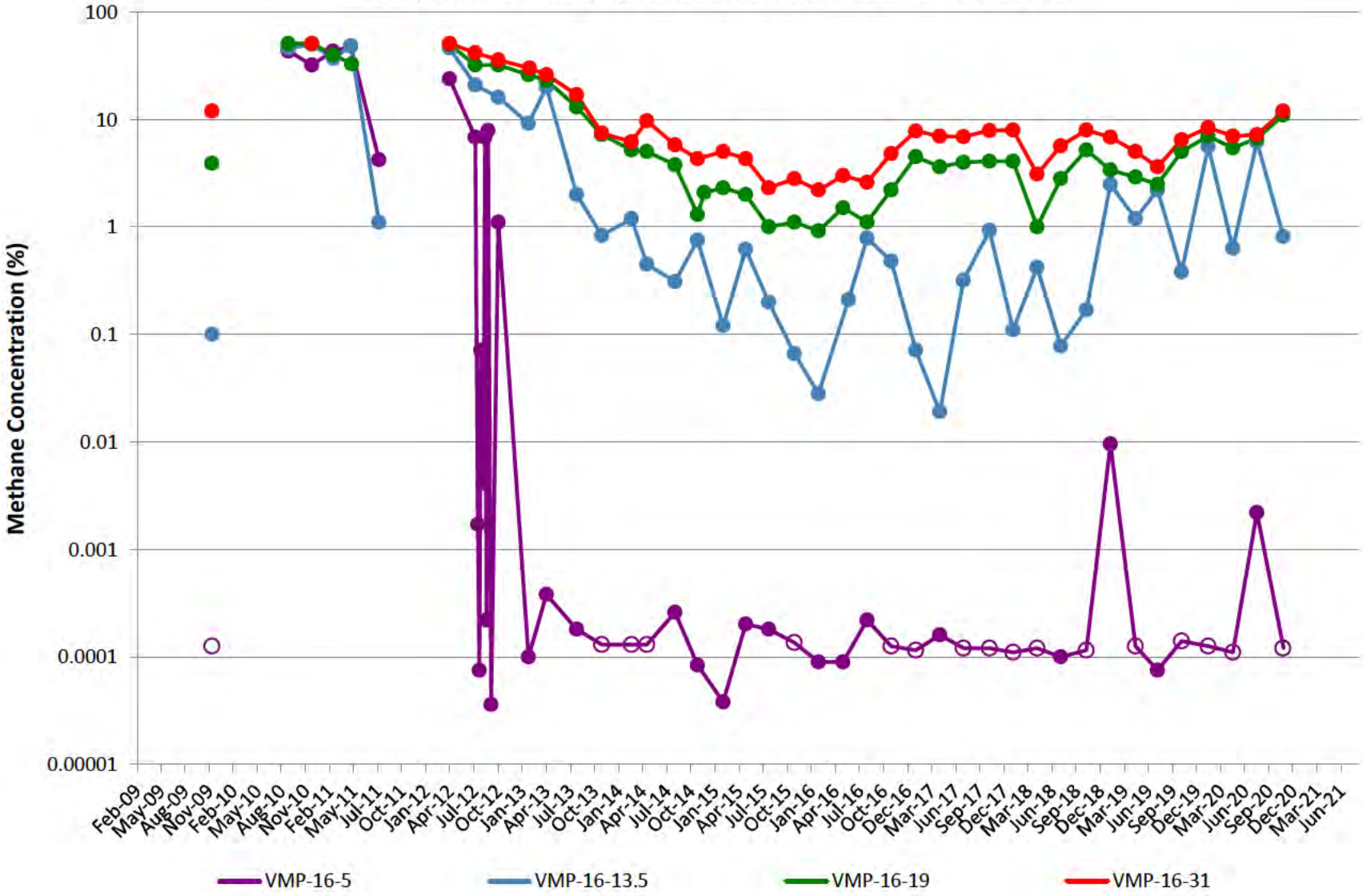
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



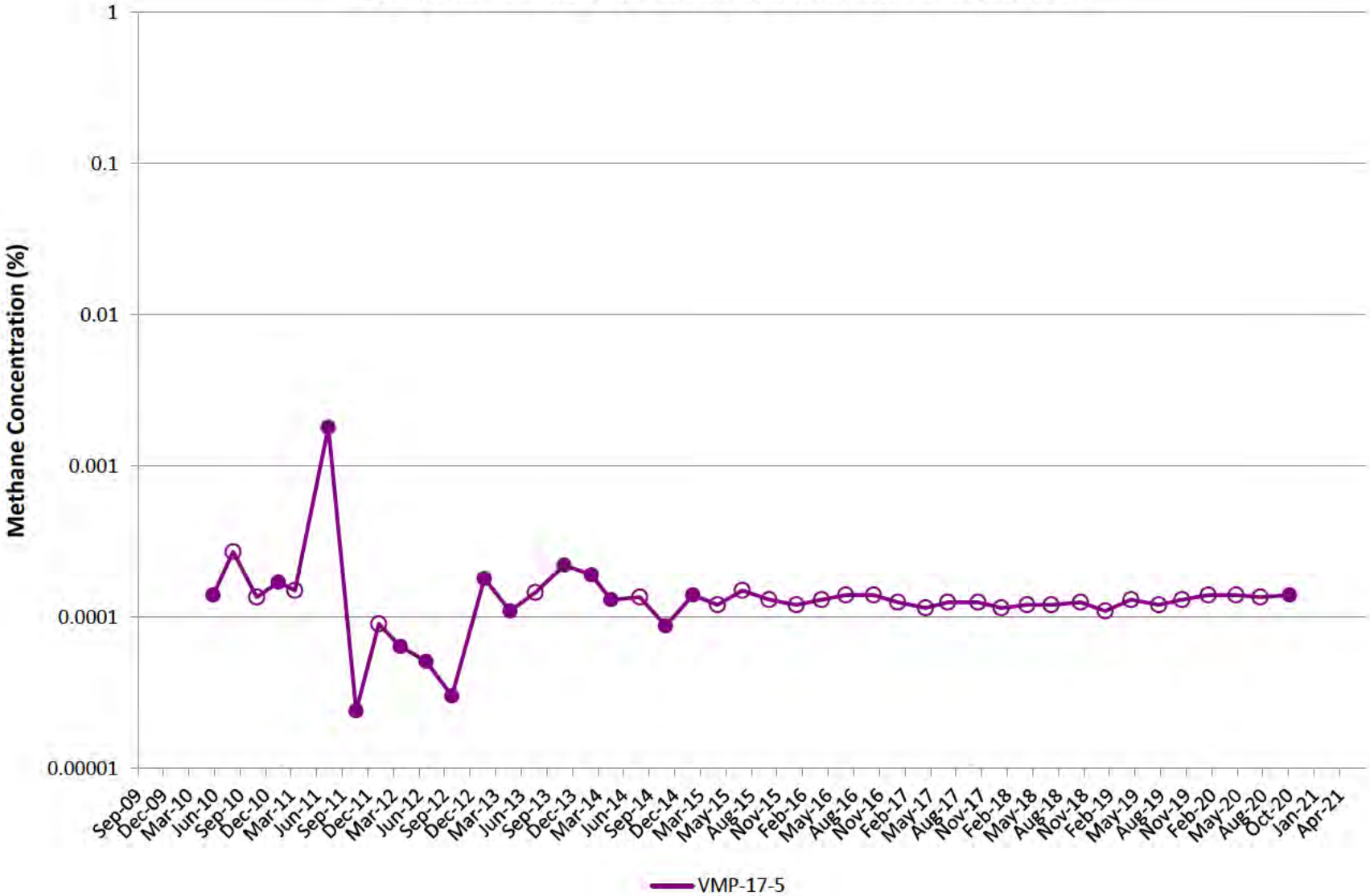
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



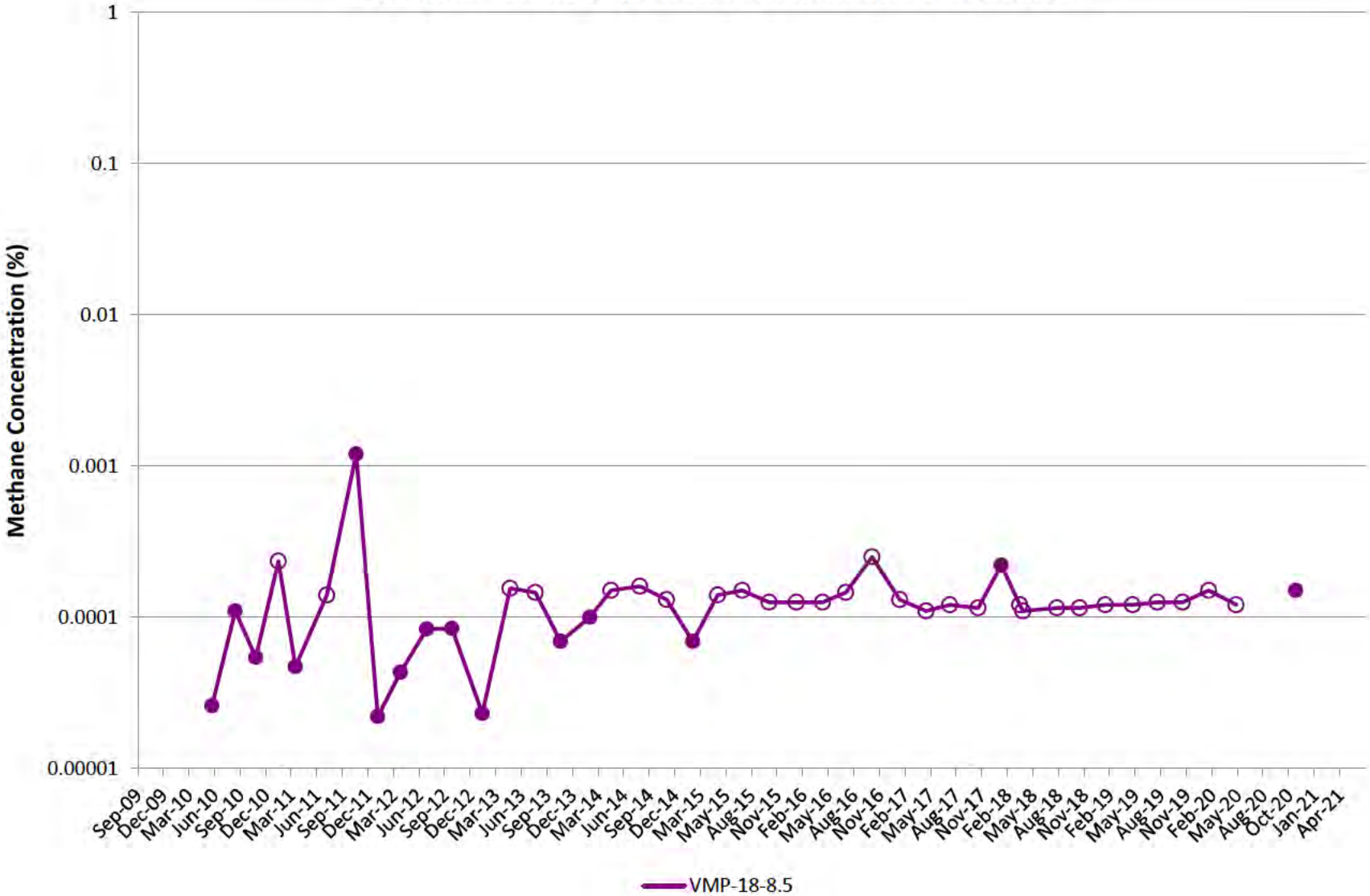
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



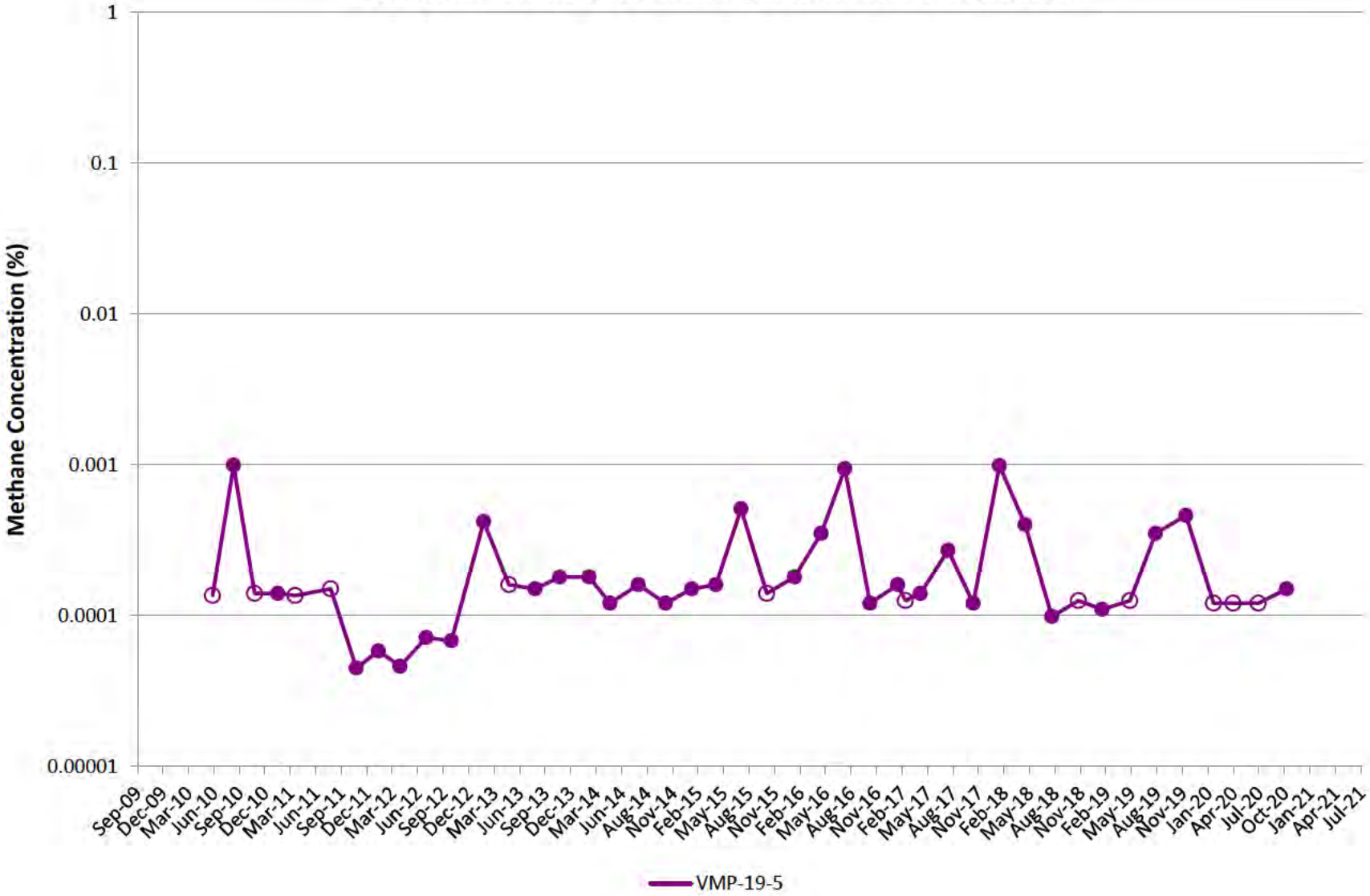
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



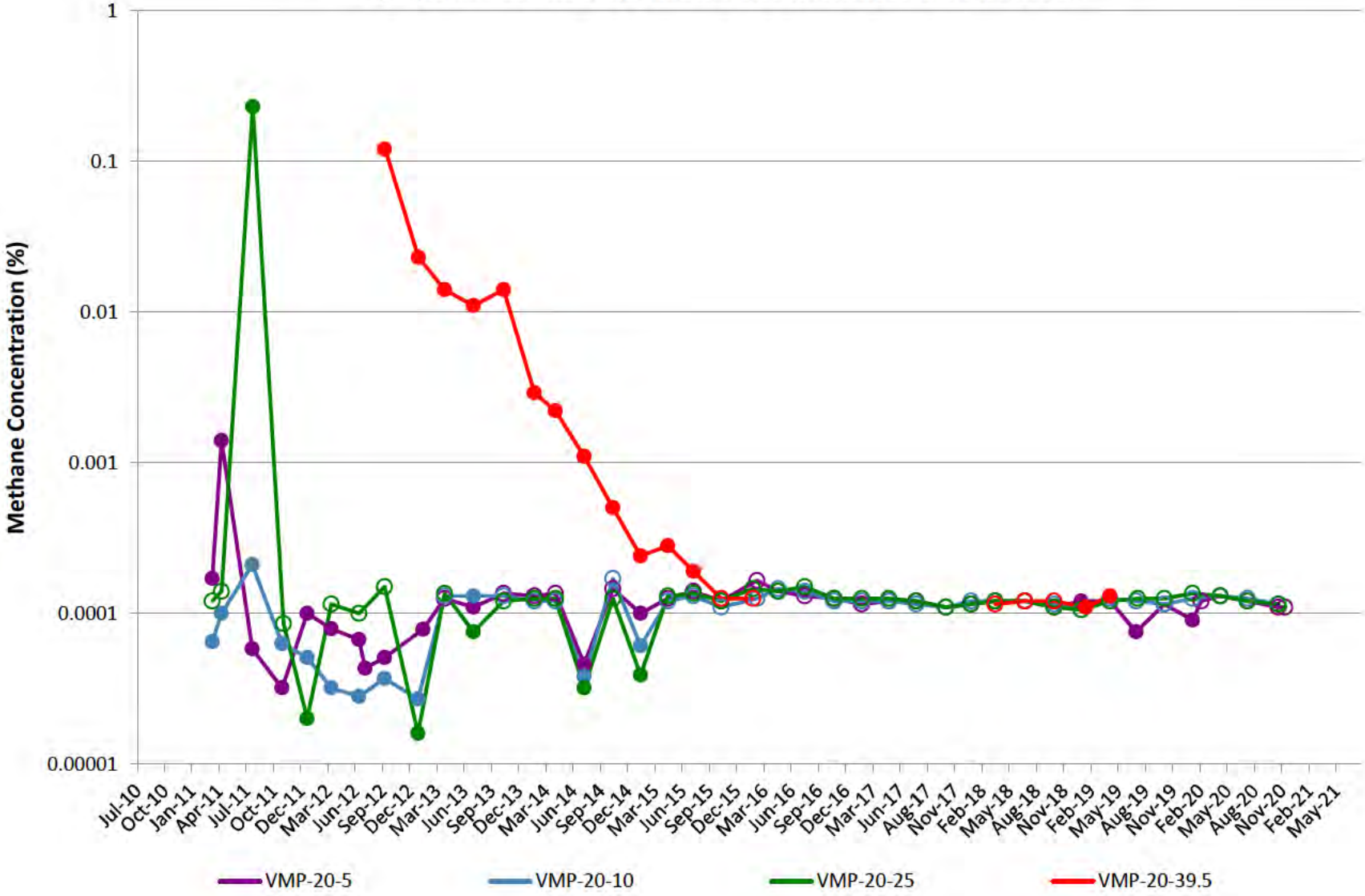
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



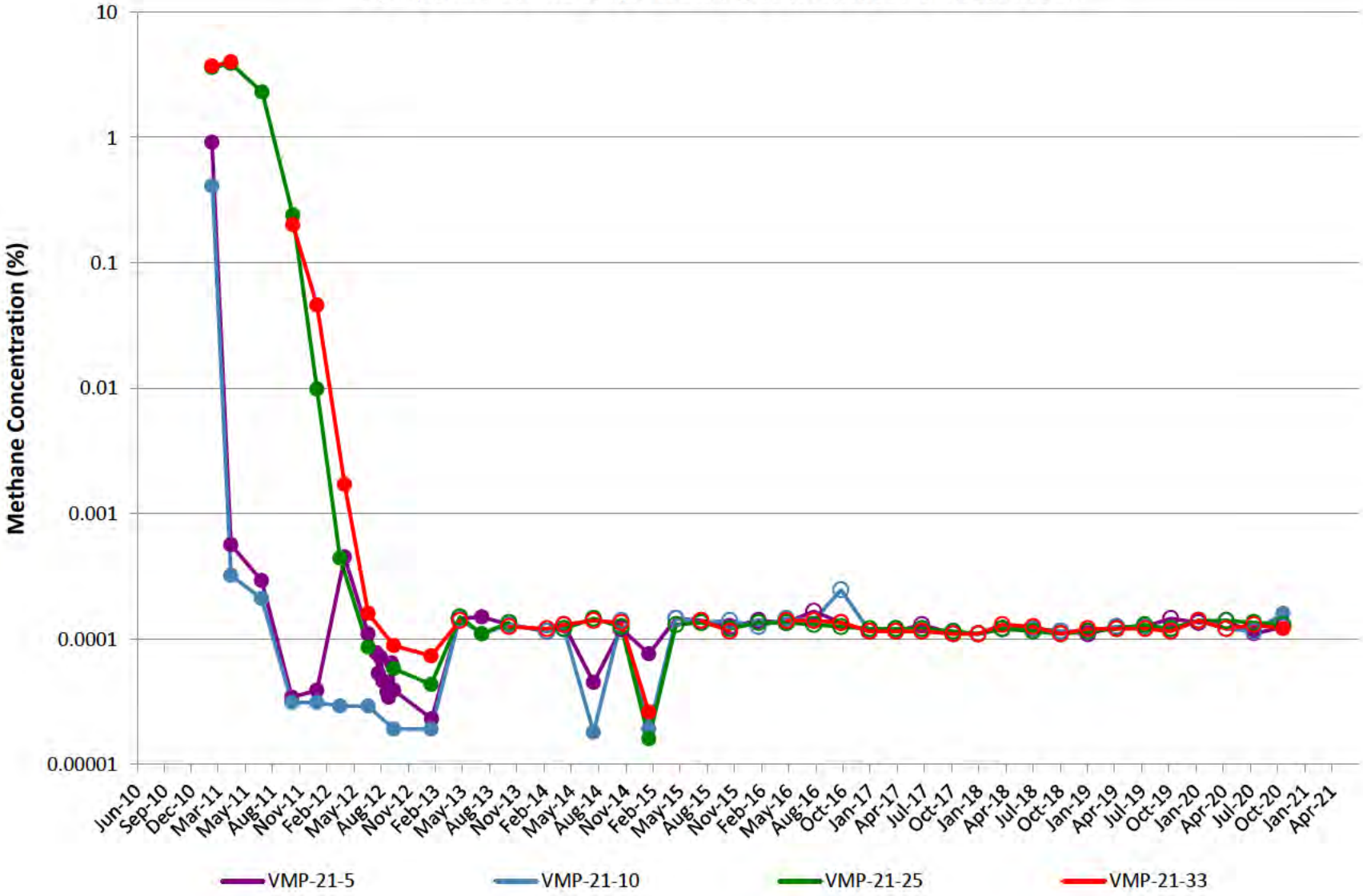
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



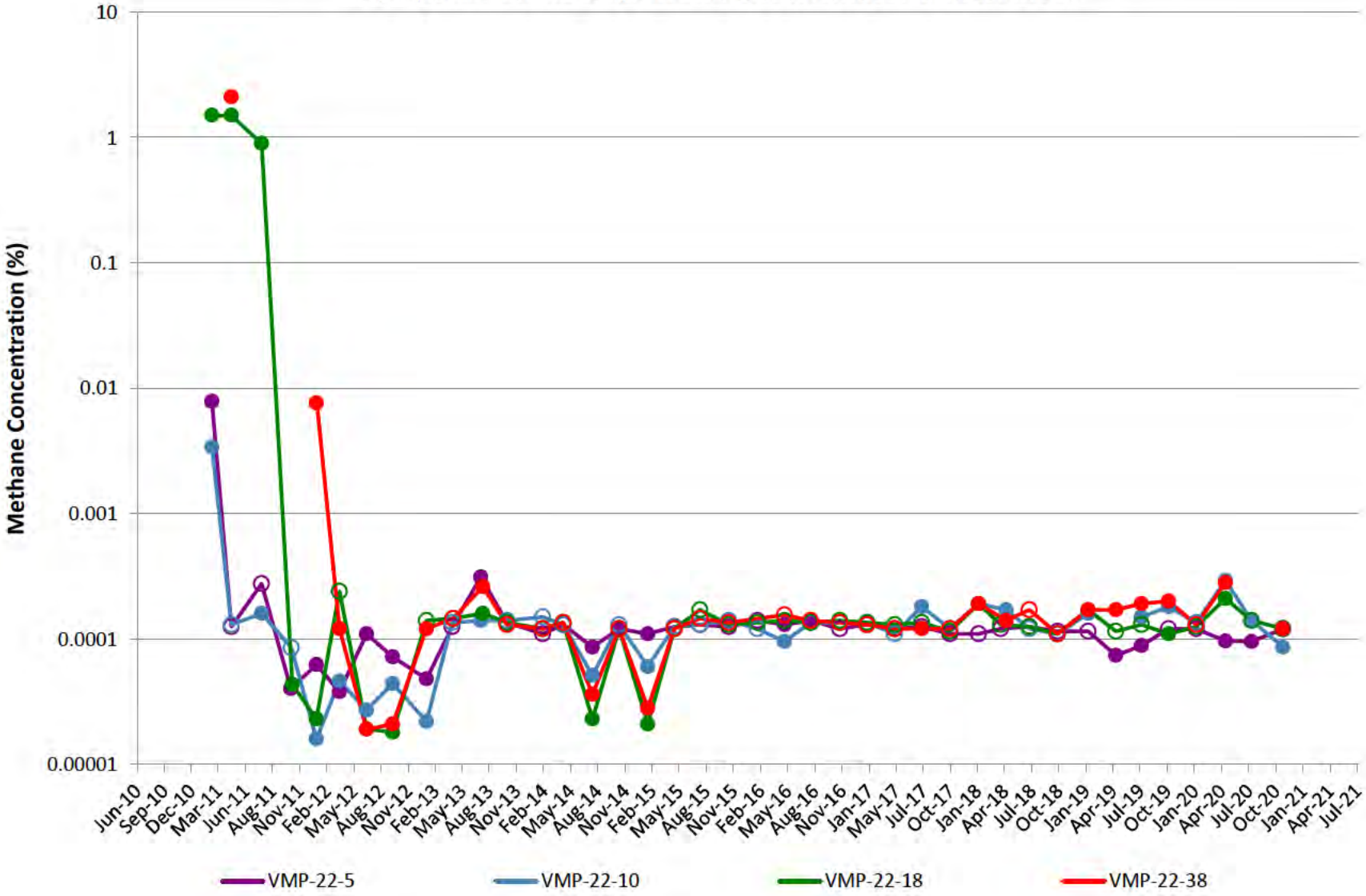
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



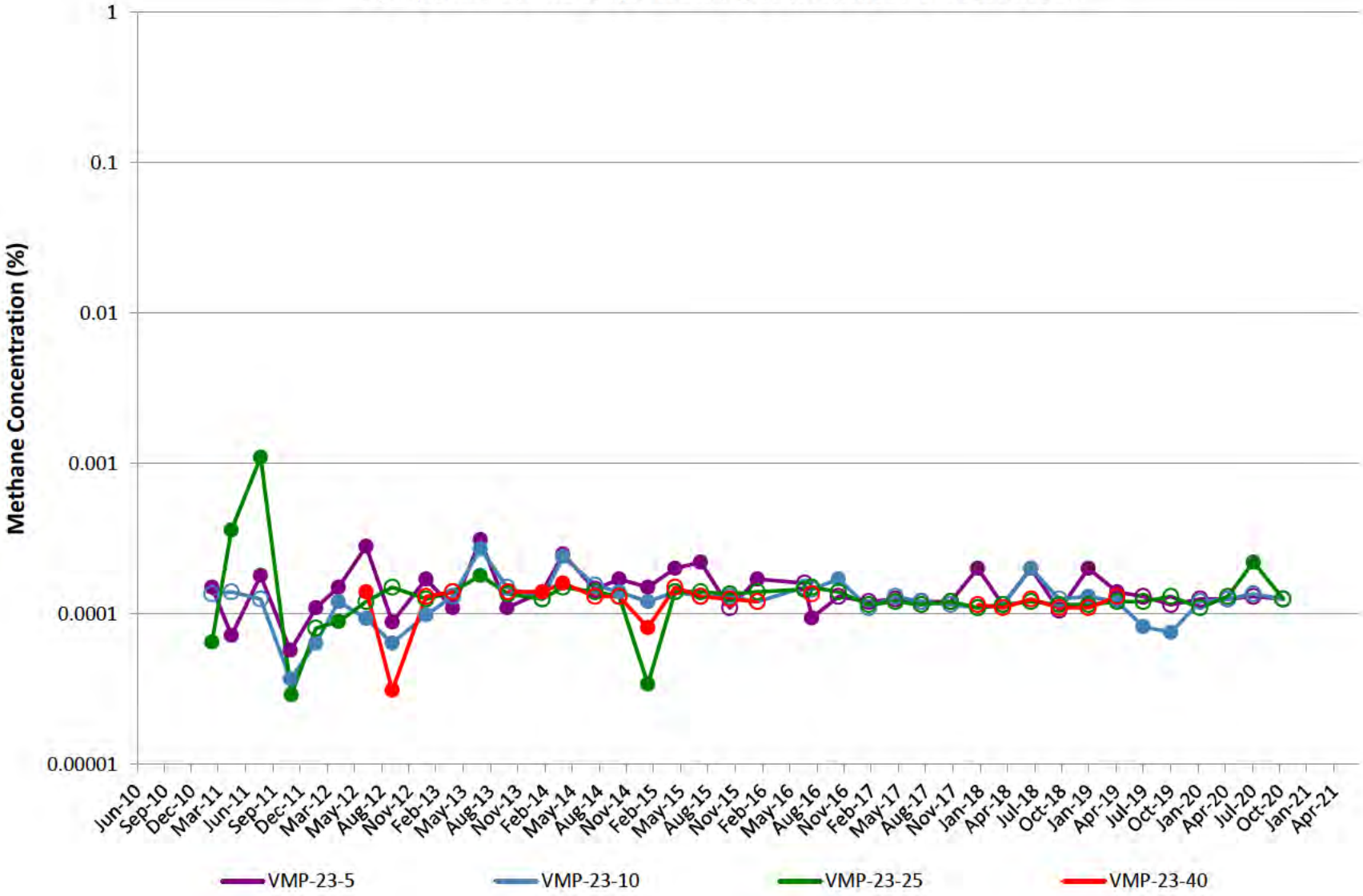
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



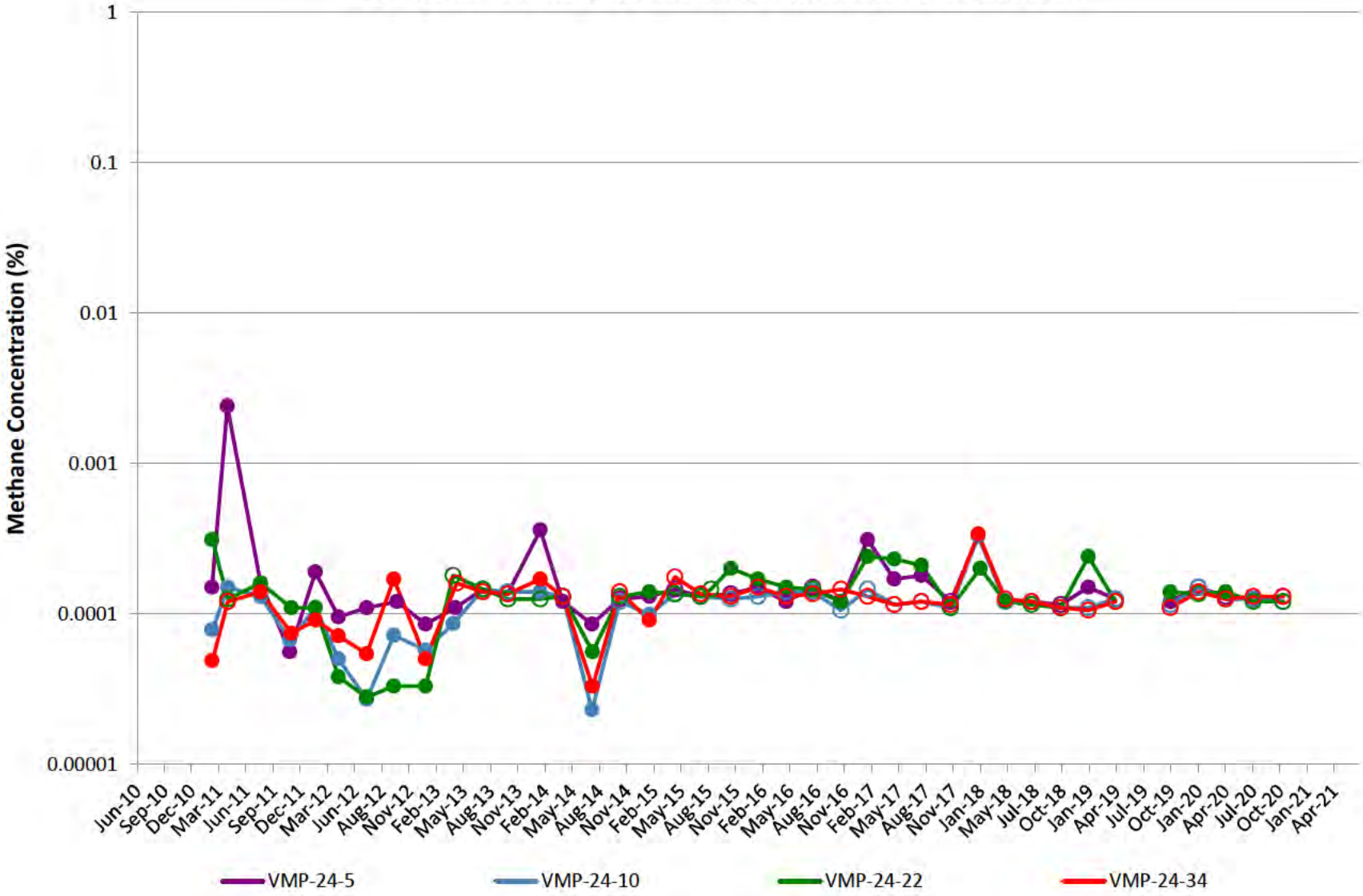
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



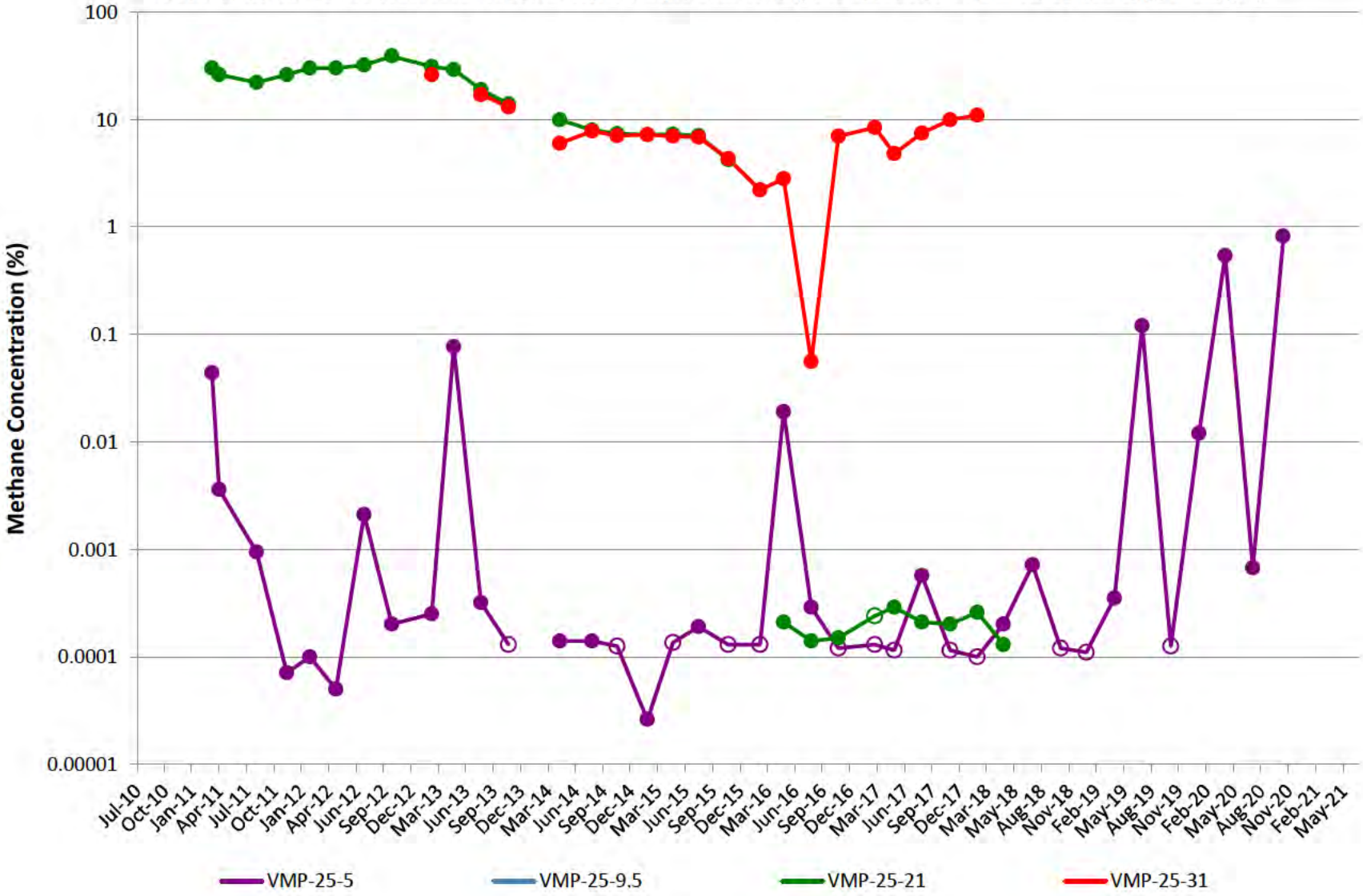
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



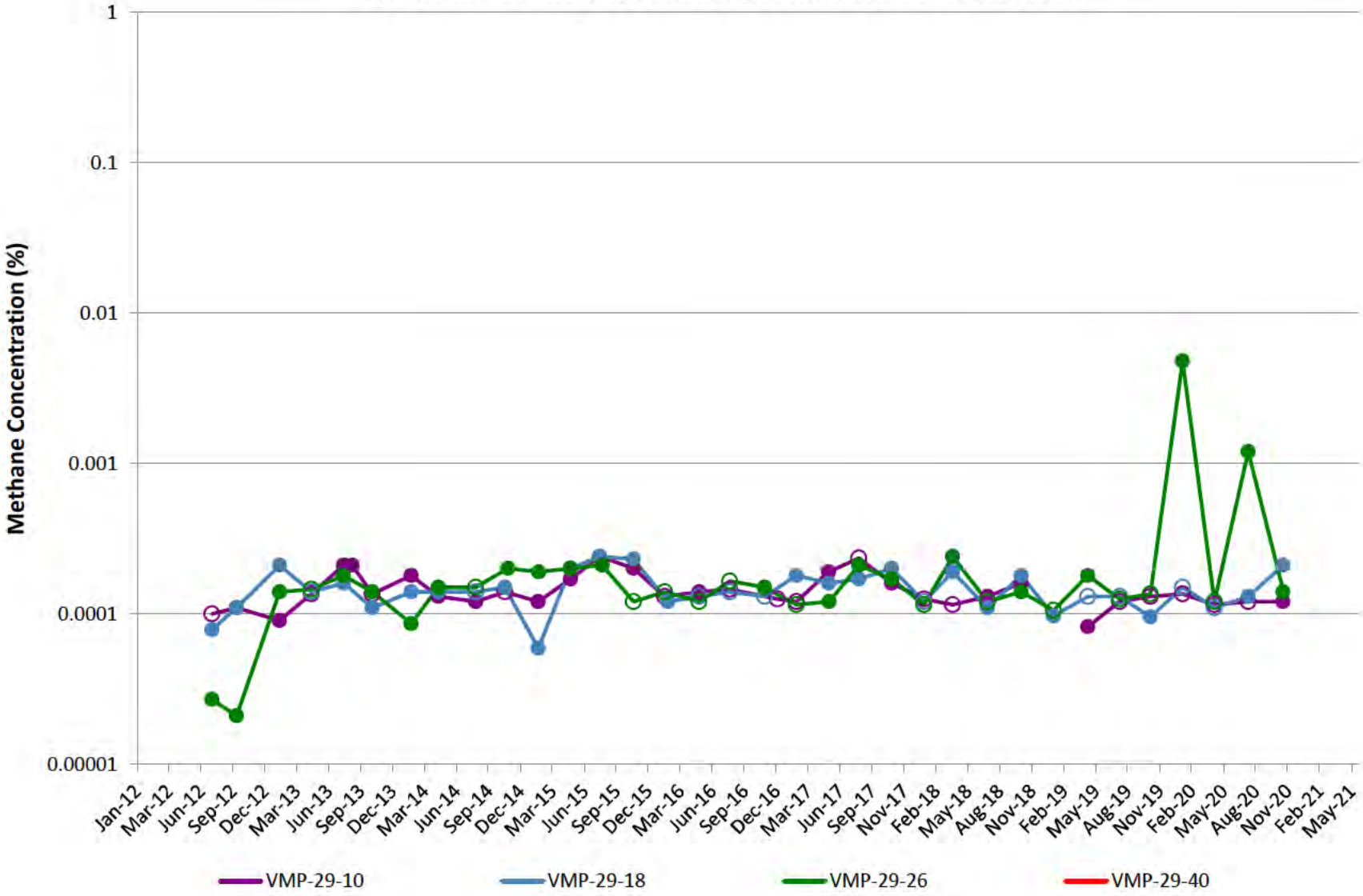
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Effective 2Q18, samples will no longer be collected at VMP-25-31 due to port integrity.



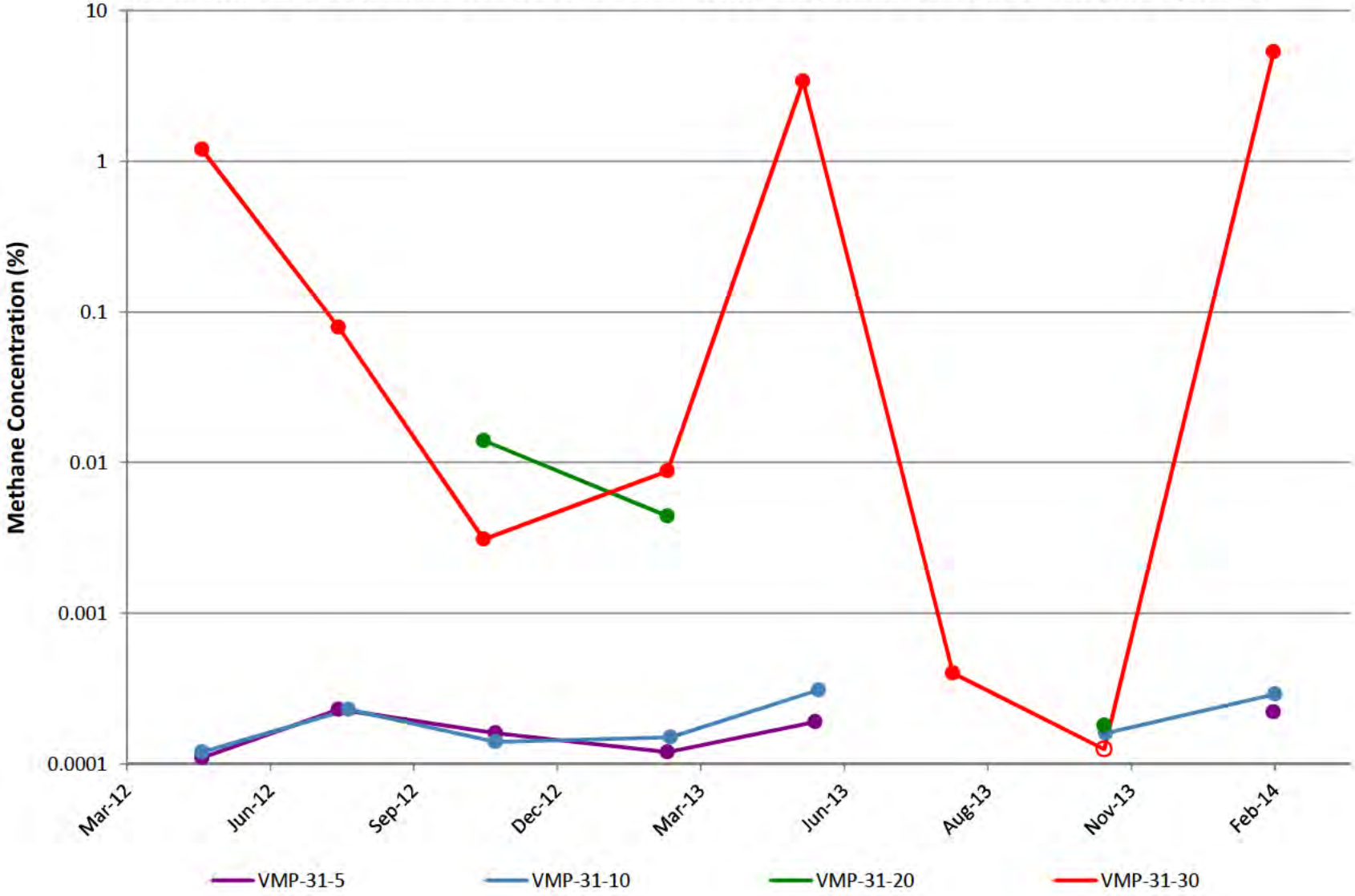
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



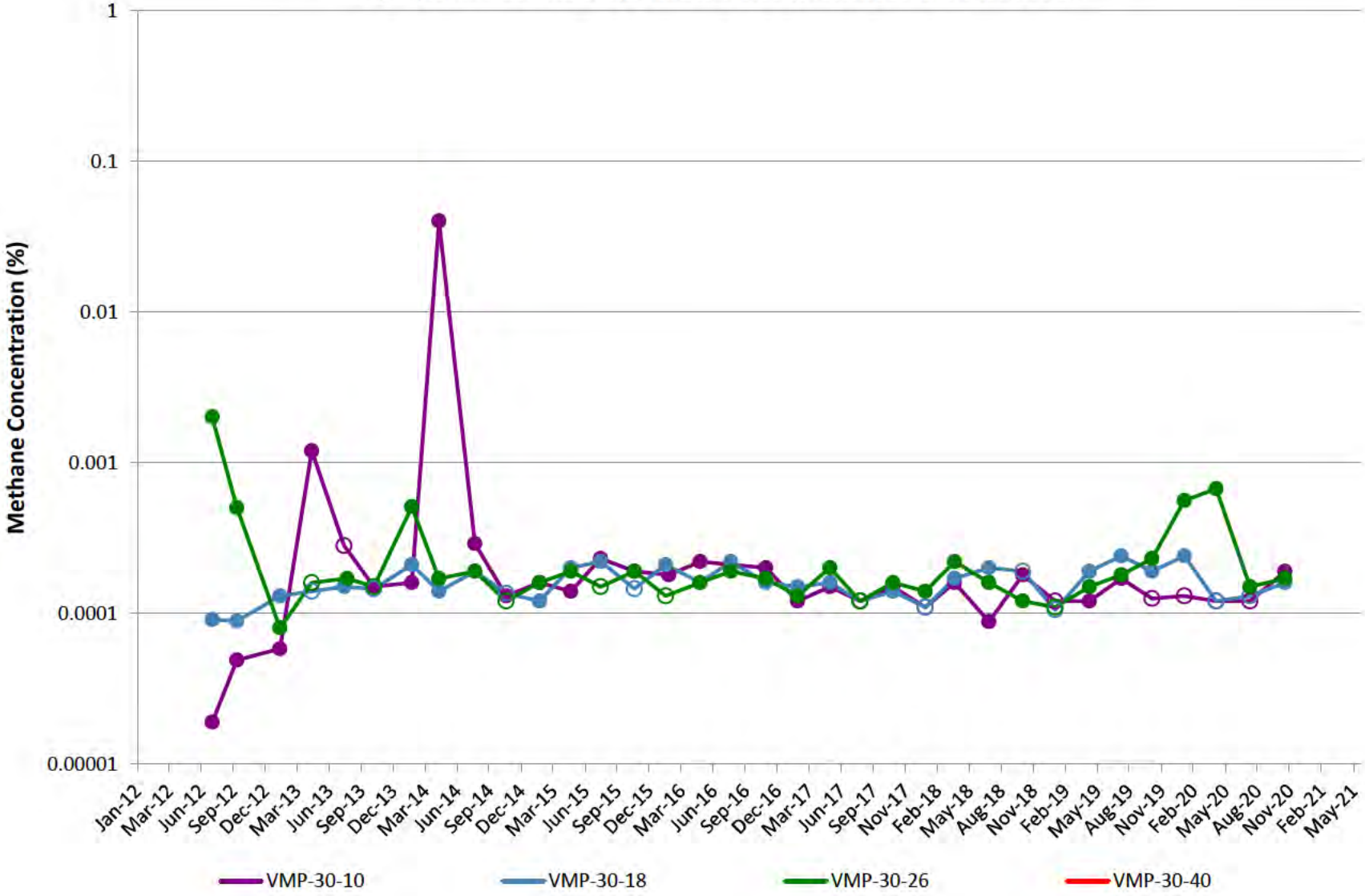
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



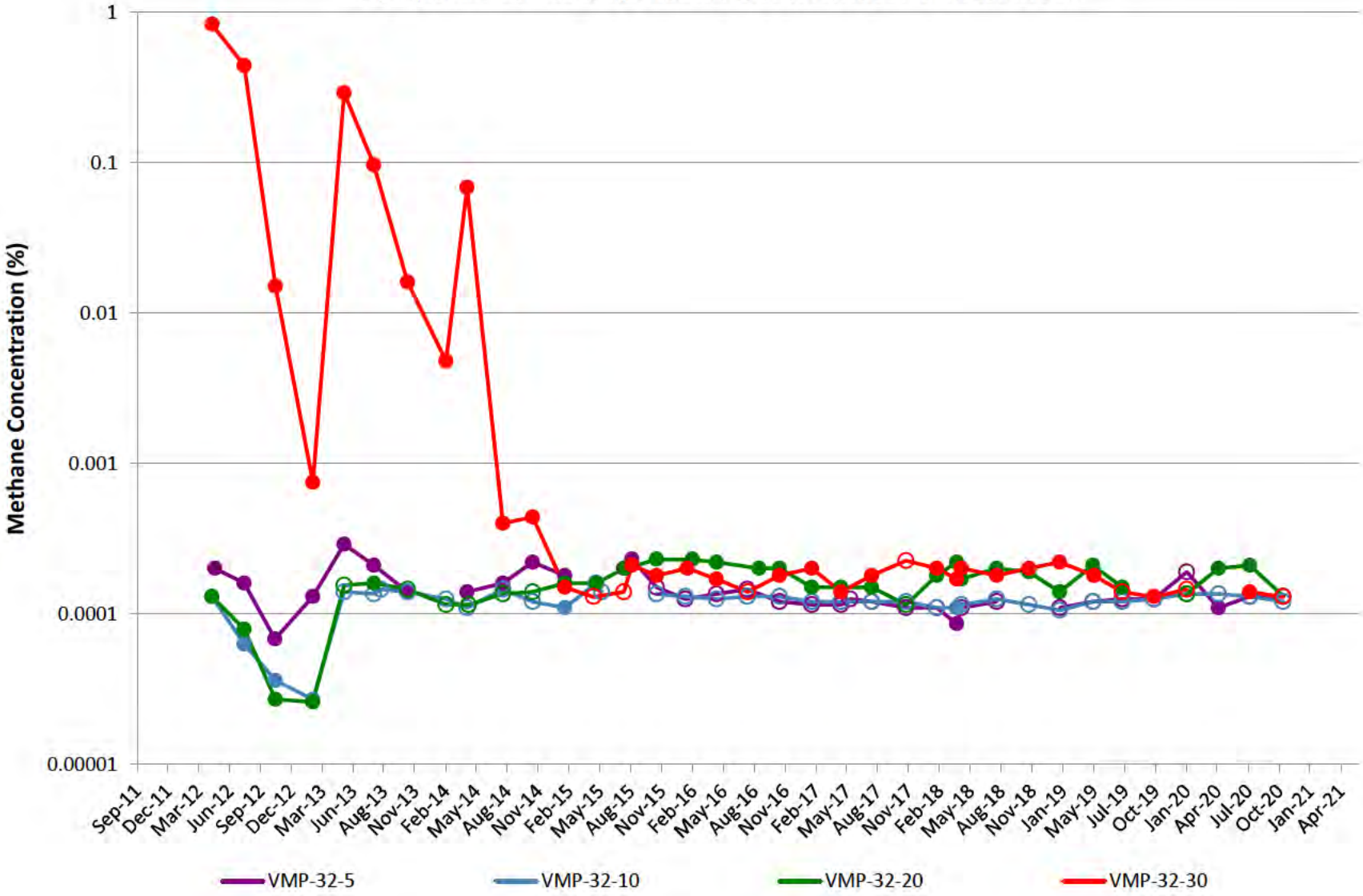
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



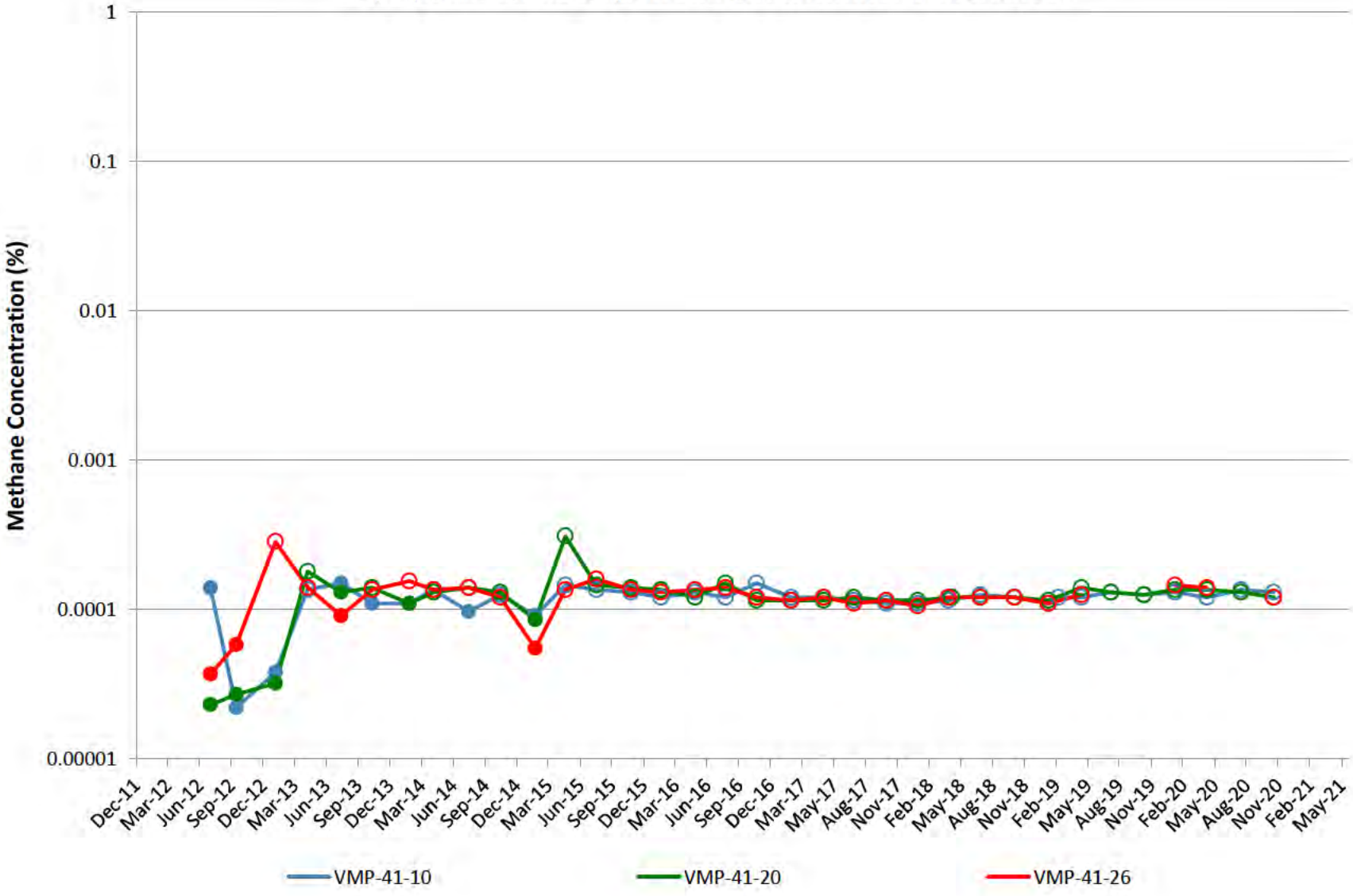
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



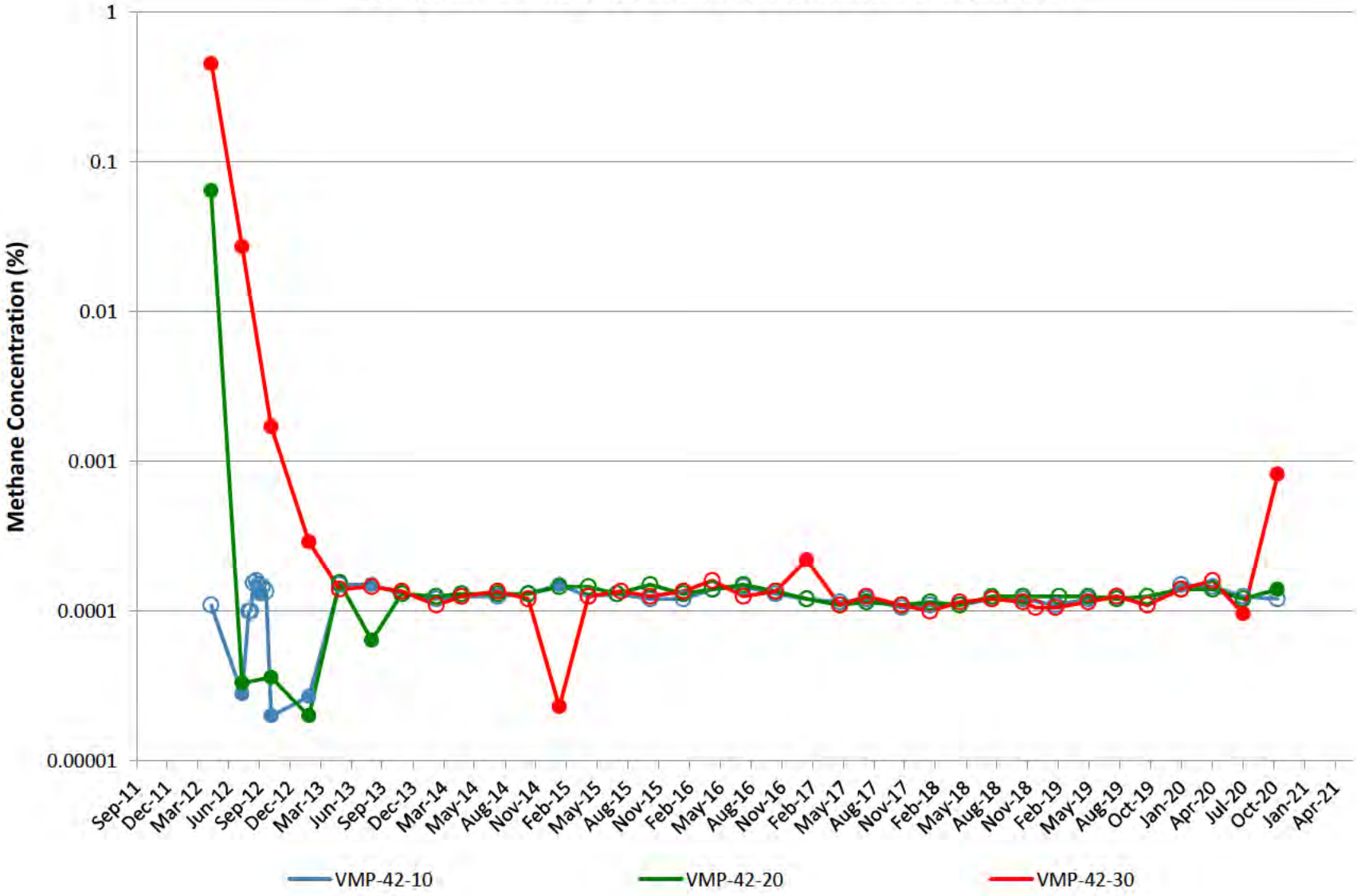
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



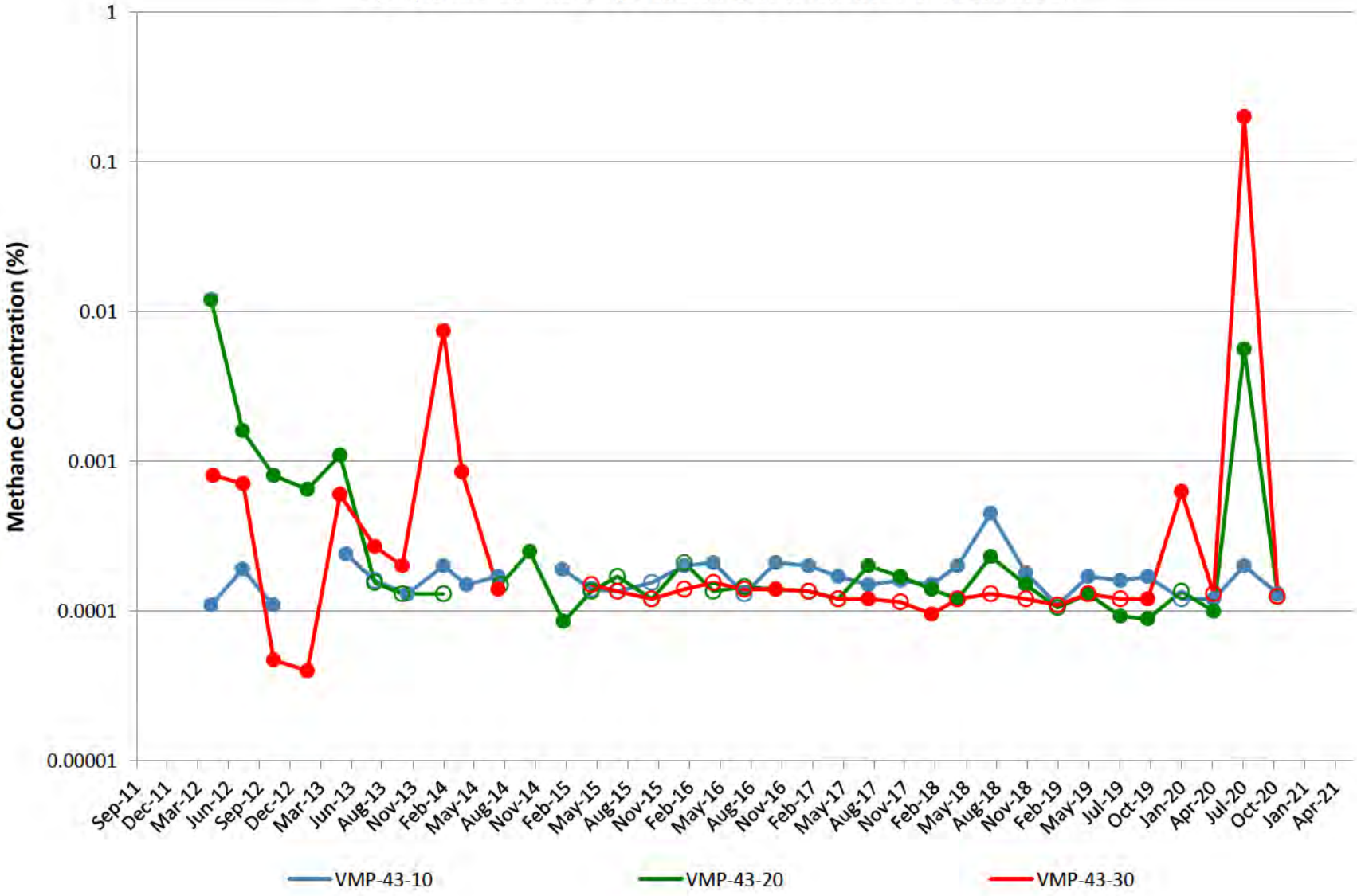
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



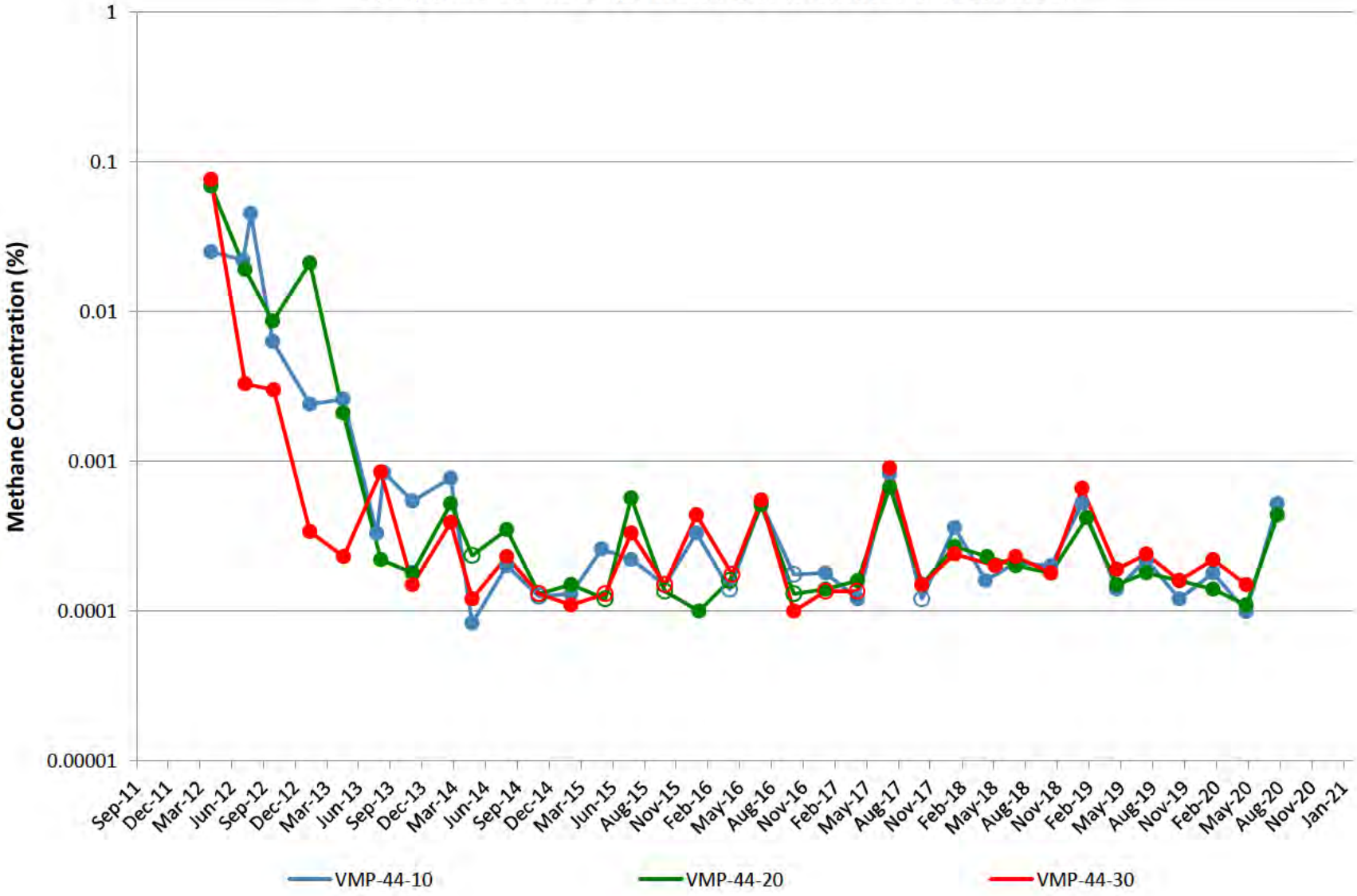
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



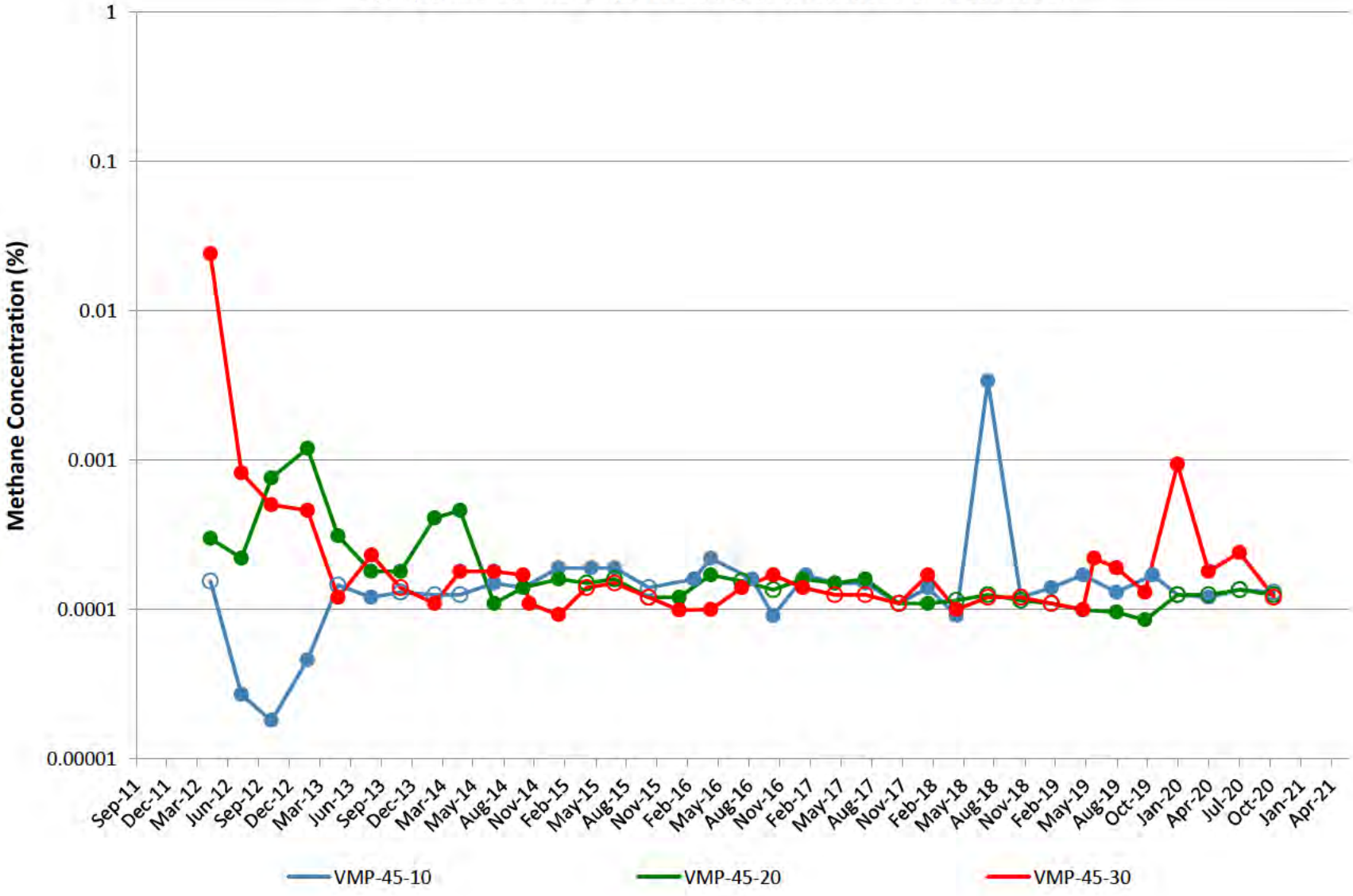
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



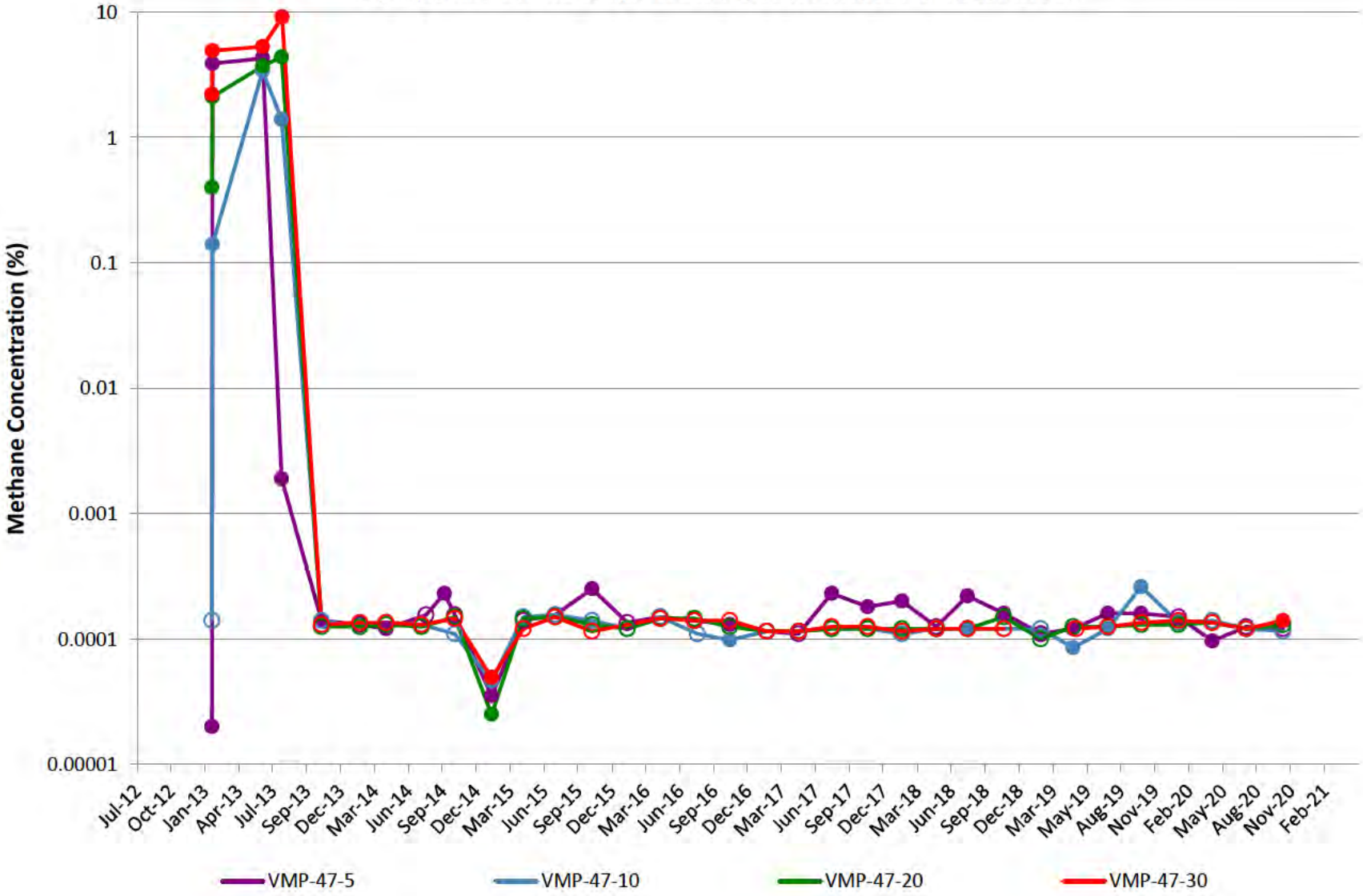
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



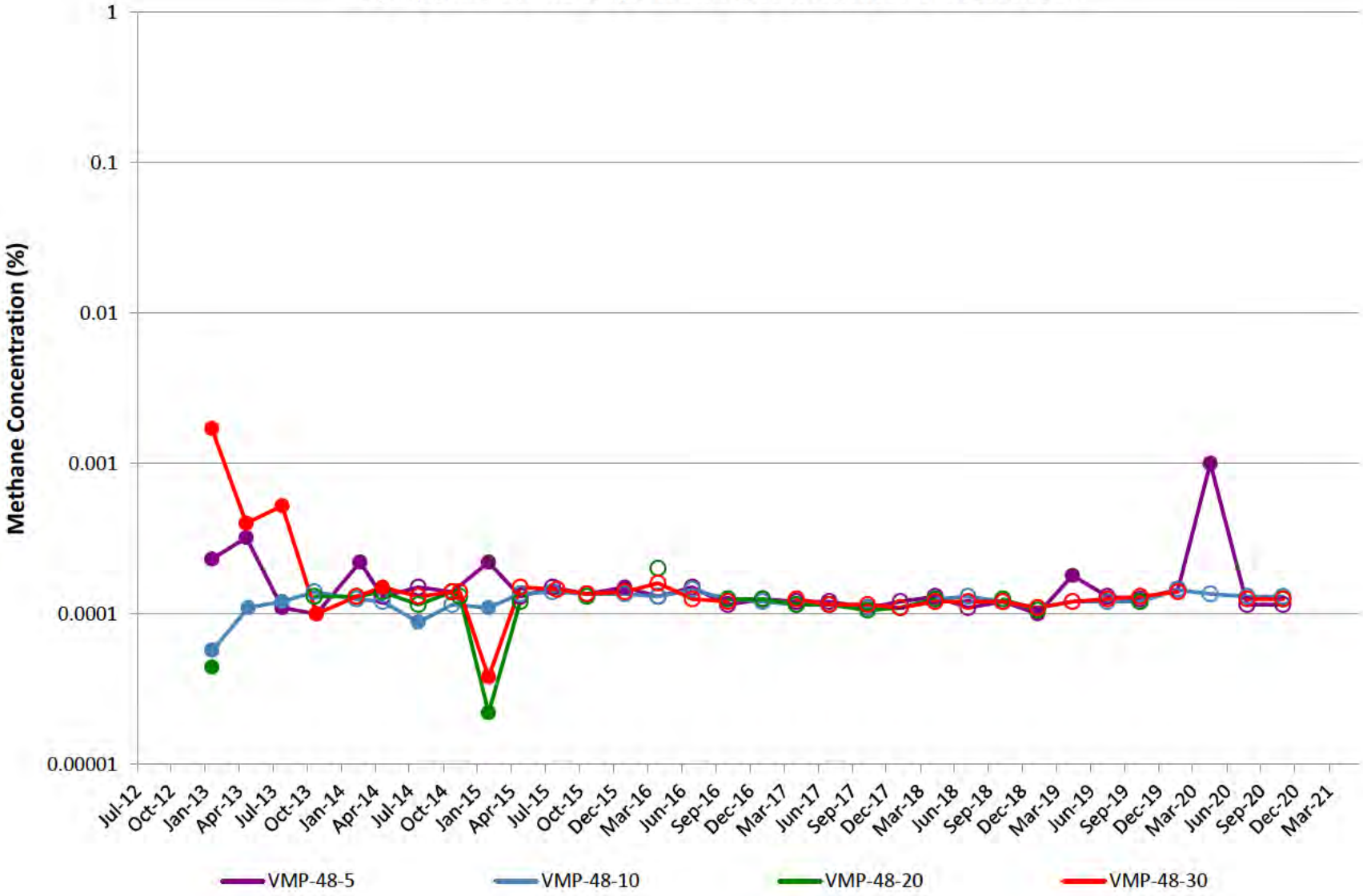
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



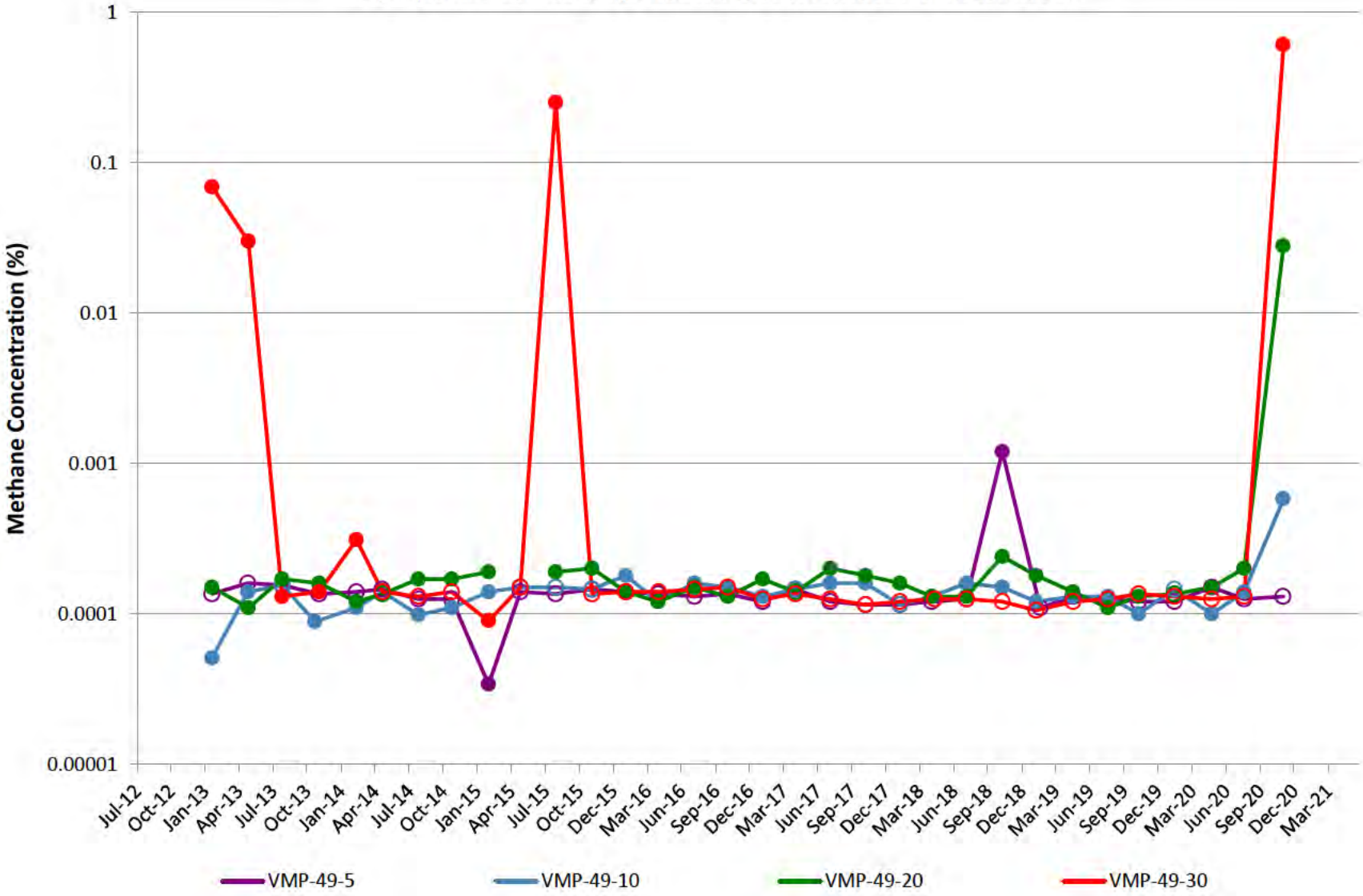
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



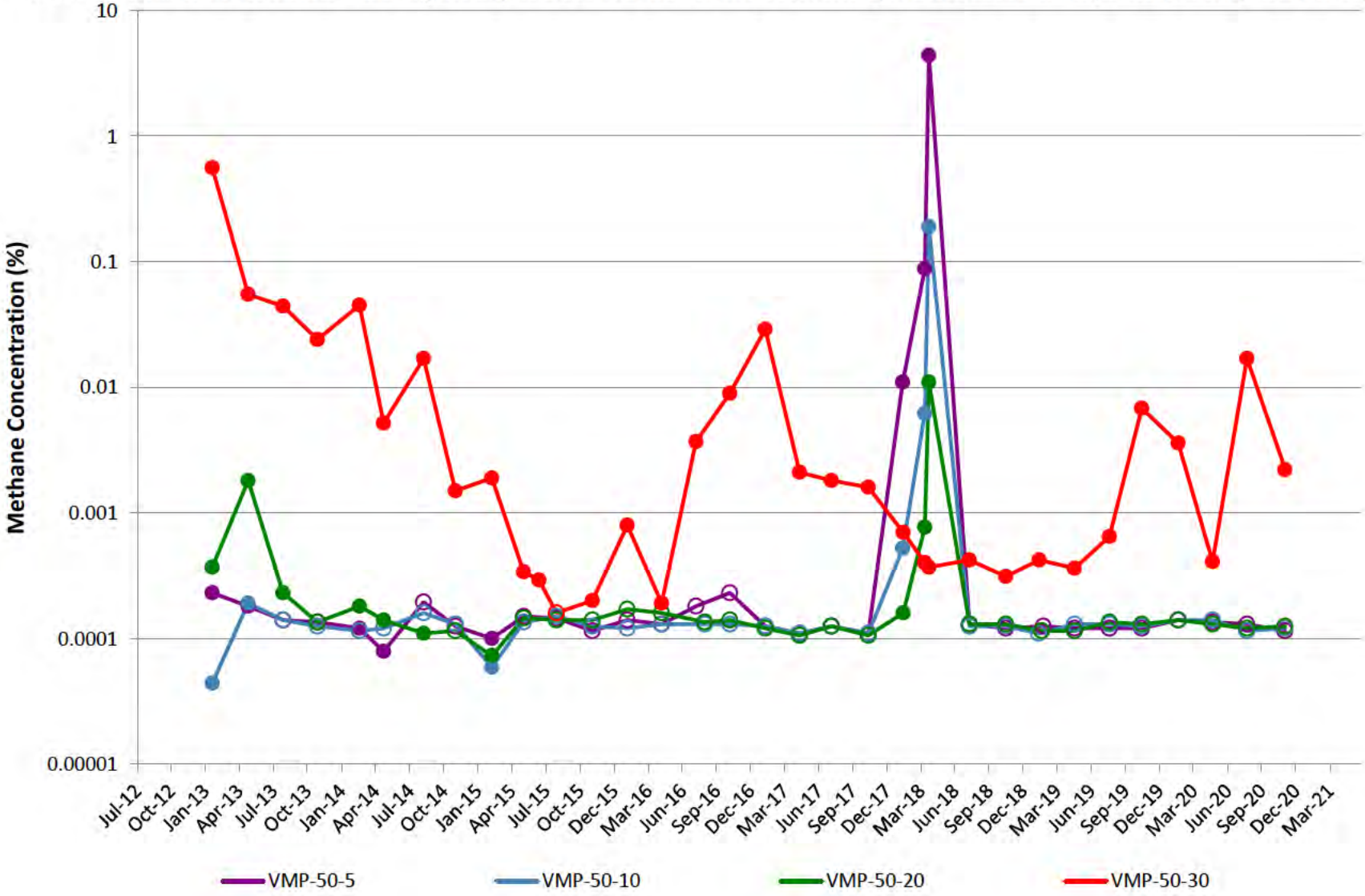
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



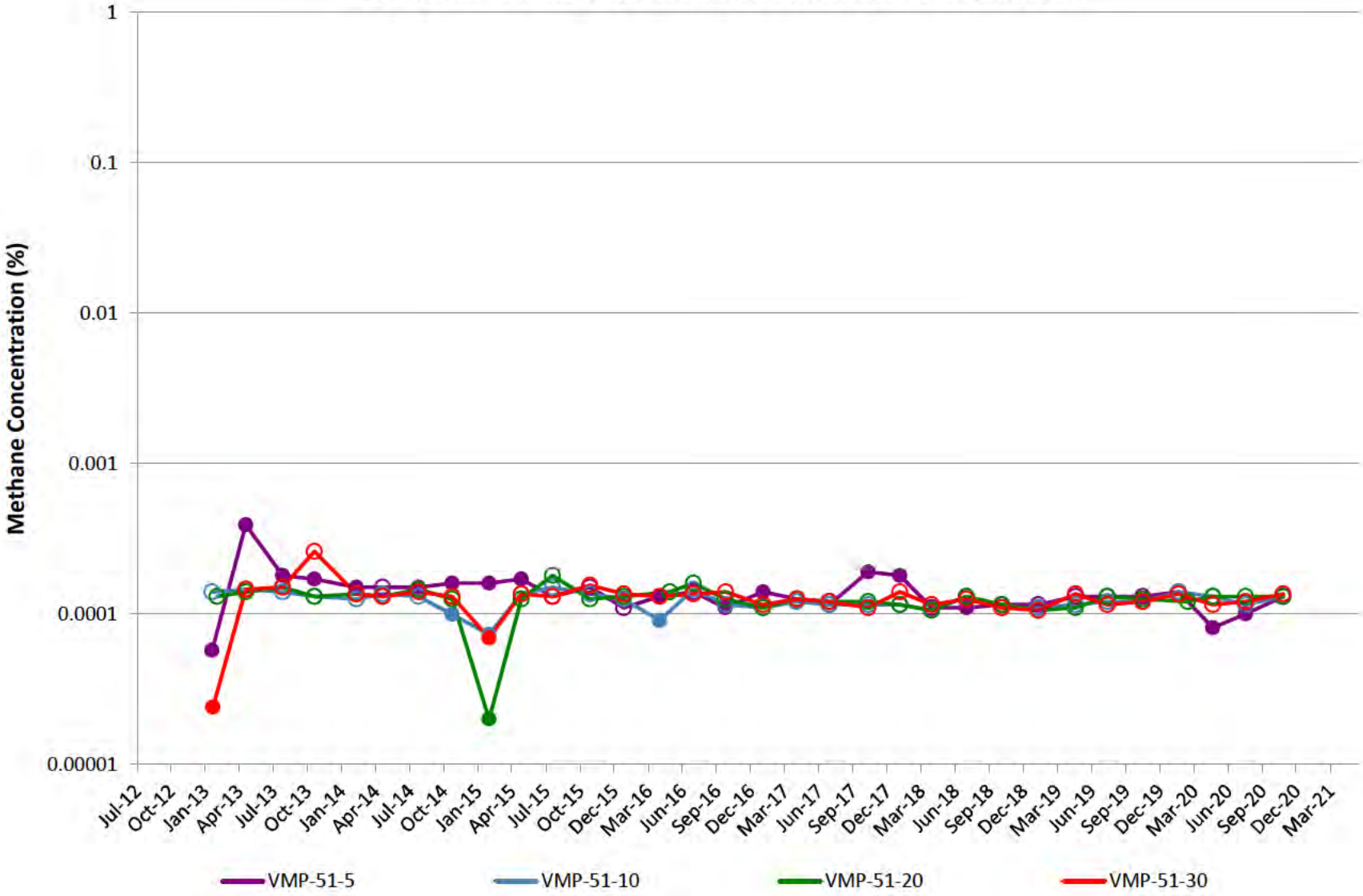
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). Gap in plot line indicates sample not able to be collected due to site conditions. Natural gas utility line leak near VMP-50 was discovered by Ameren Illinois on May 1, 2018 and repaired on May 31,



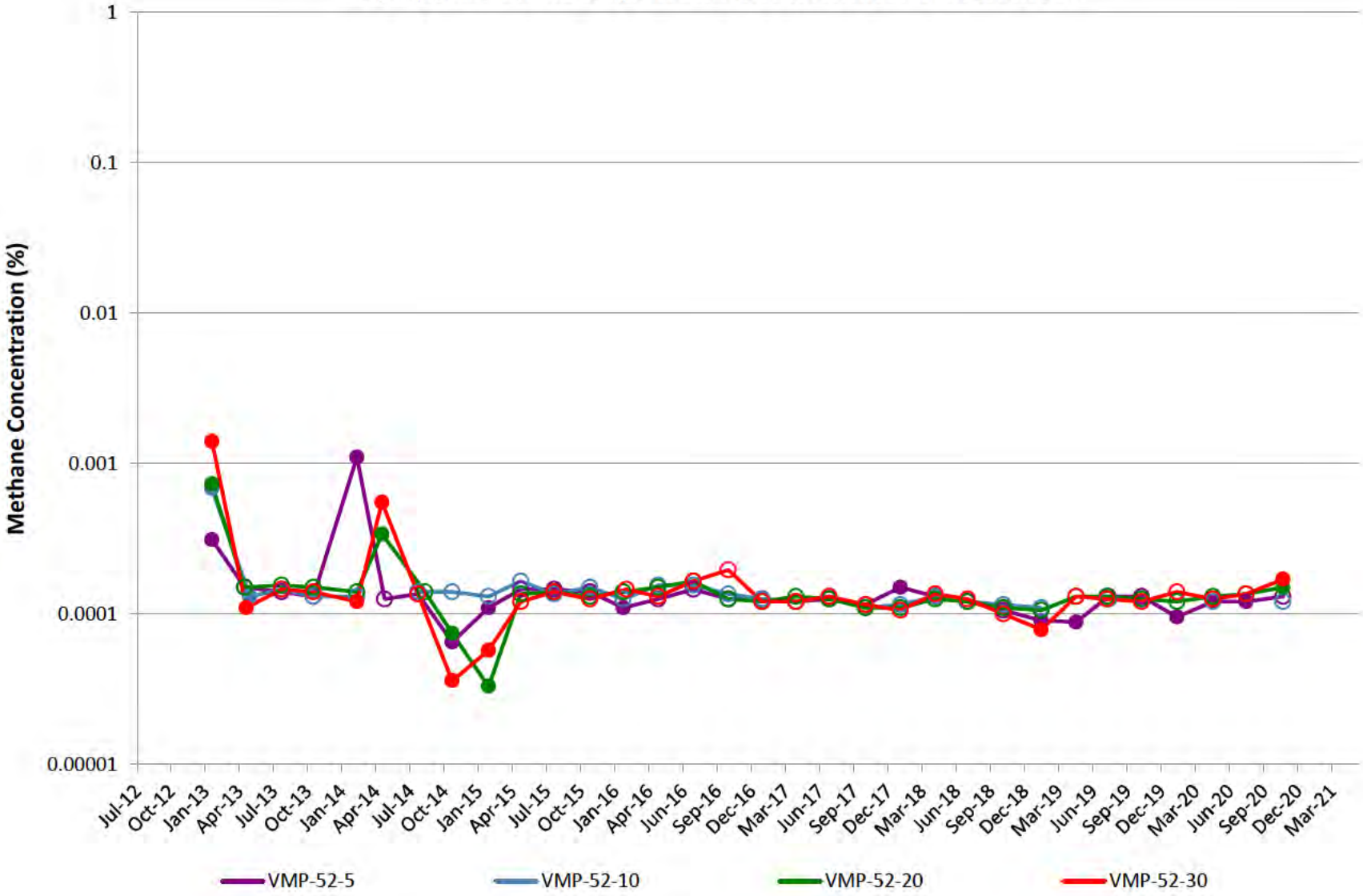
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



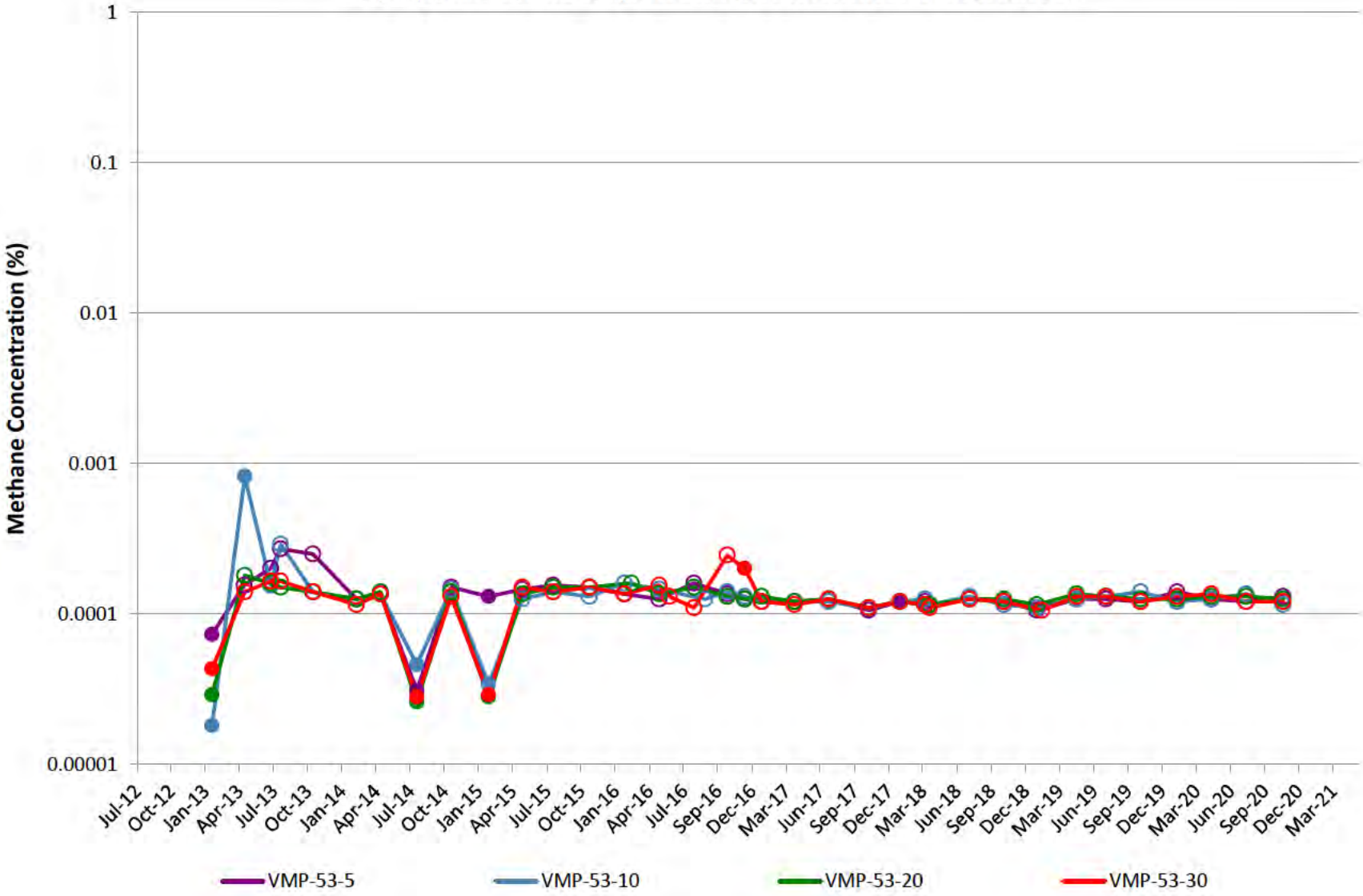
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



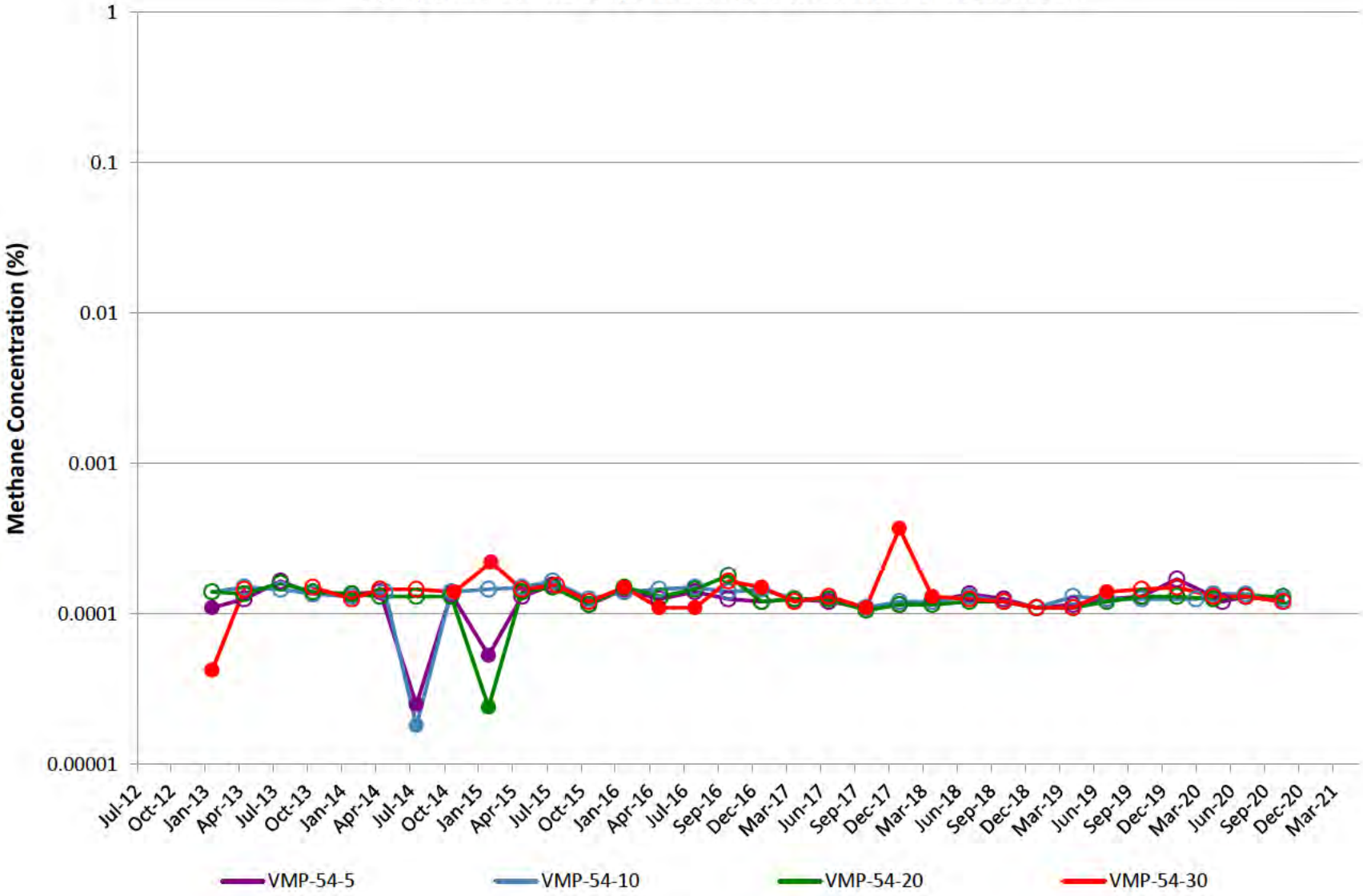
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



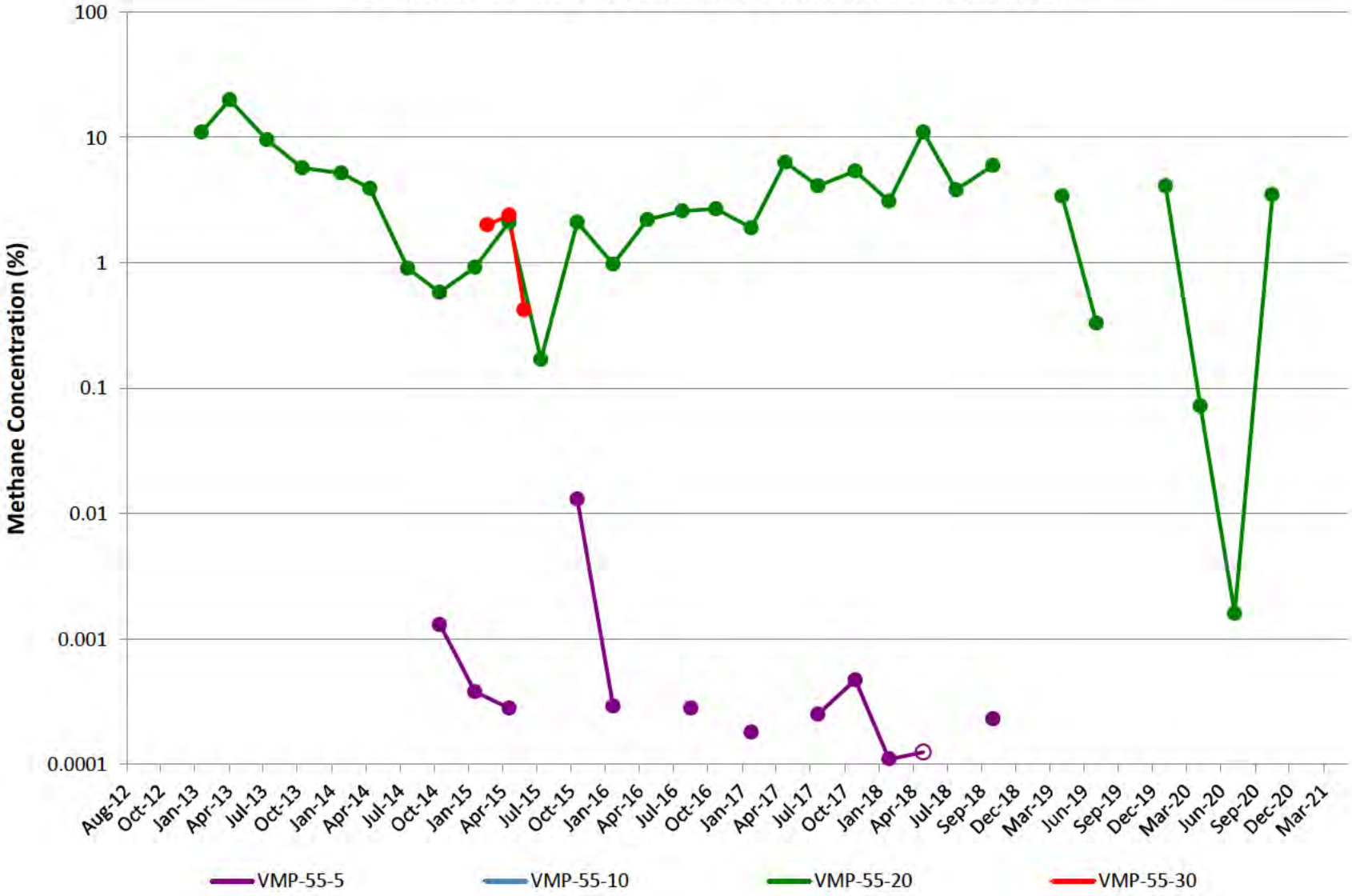
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



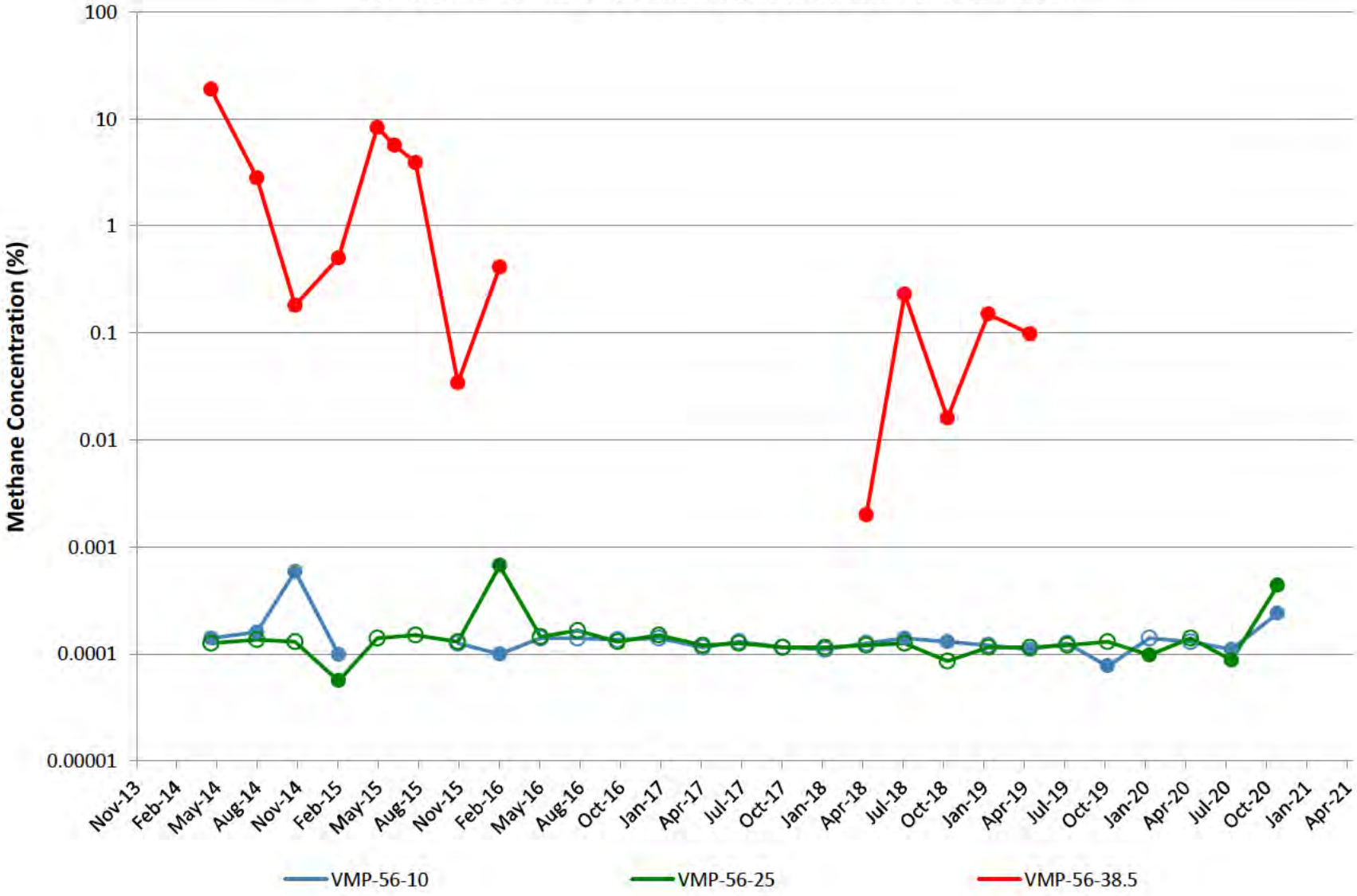
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



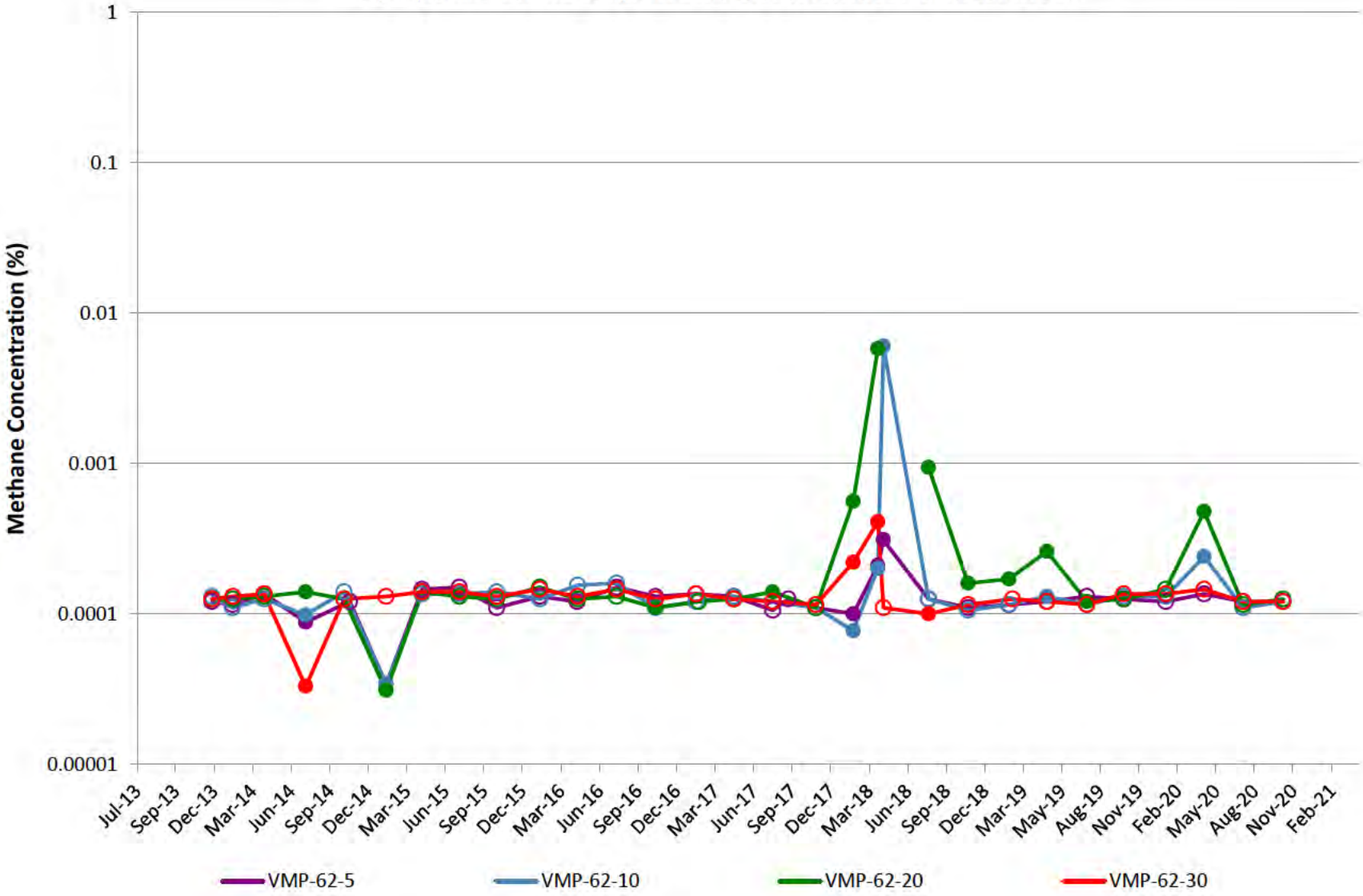
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



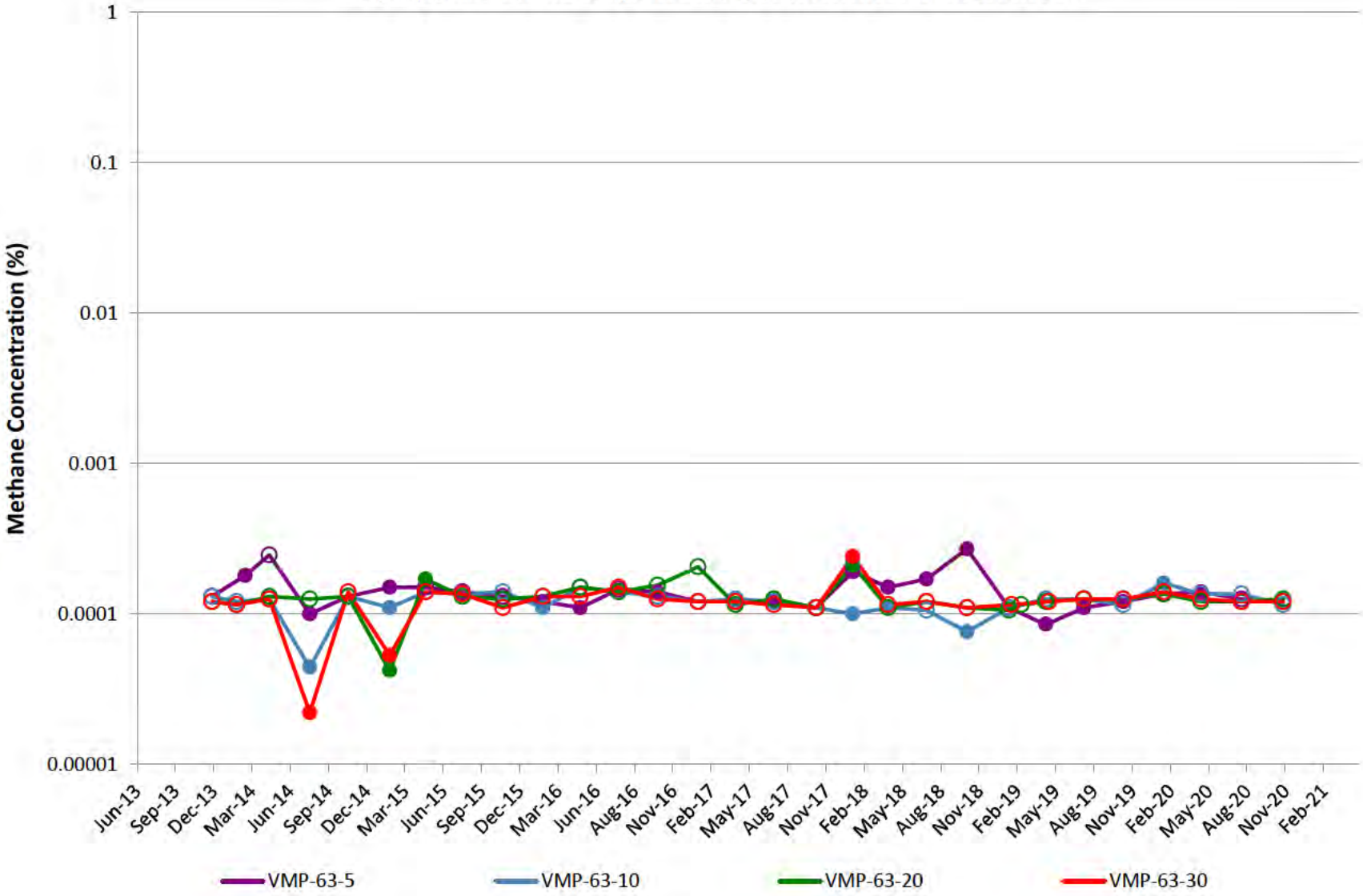
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



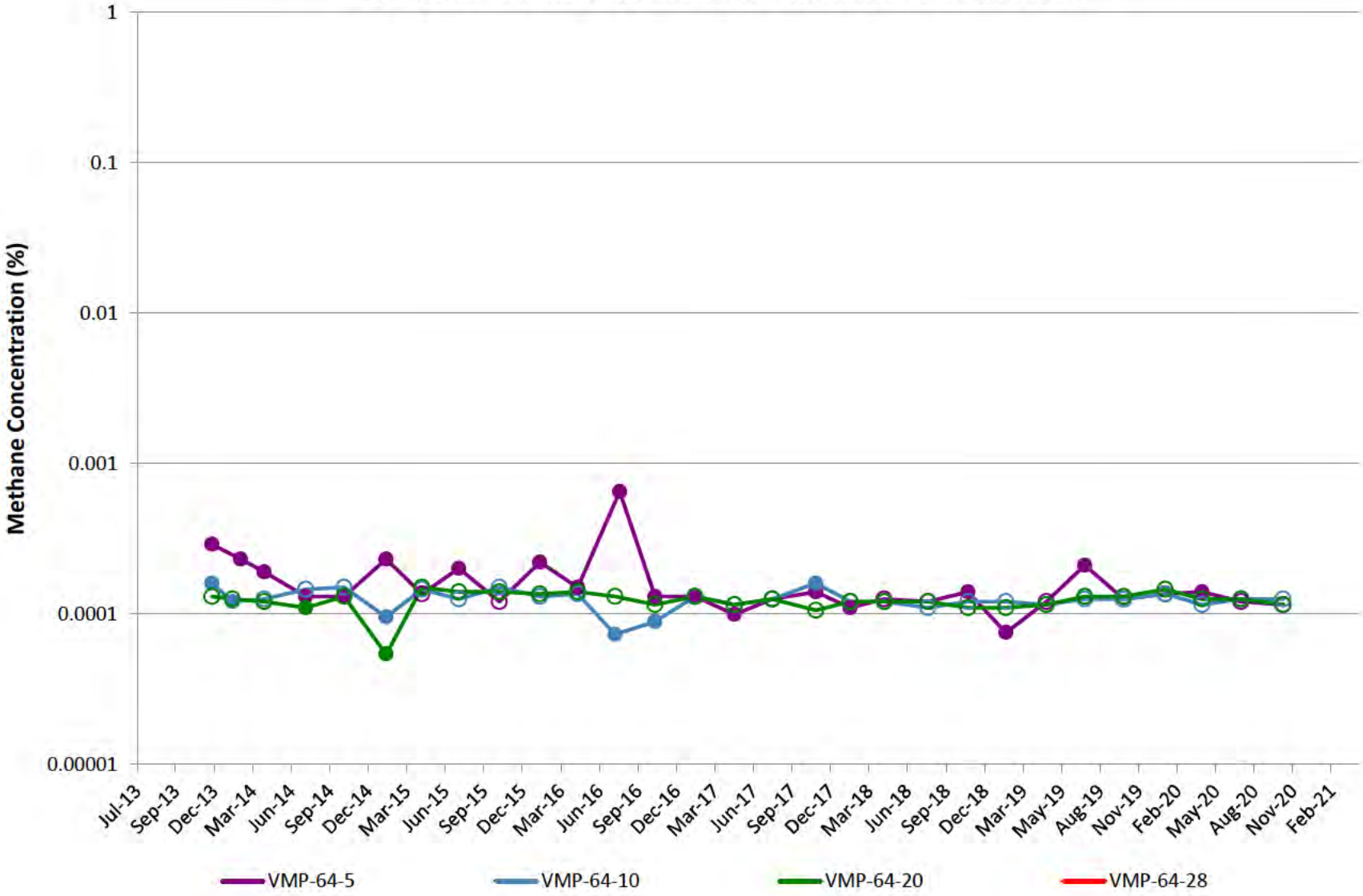
VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).
Gap in plot line indicates sample not able to be collected due to site conditions.



Appendix C
SVE System Operating Efficiency and Maintenance Chronology

APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY

October-20		Hours of Operation	November-20		Hours of Operation	December-20		Hours of Operation
Date	Hours		Date	Hours		Date	Hours	
1	24	24	1	24	24	1	24	24
2	24	24	2	24	24	2	24	24
3	24	24	3	24	24	3	24	24
4	24	24	4	24	24	4	24	24
5	24	24	5	24	24	5	24	24
6	24	24	6	24	24	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	24	9	24	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	23.47
16	24	24	16	24	24	16	24	24
17	24	24	17	24	24	17	24	24
18	24	24	18	24	24	18	24	24
19	24	24	19	24	23.22	19	24	24
20	24	24	20	24	24	20	24	24
21	24	24	21	24	24	21	24	24
22	24	23.68	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	24
27	24	24	27	24	24	27	24	24
28	24	24	28	24	24	28	24	24
29	24	24	29	24	24	29	24	24
30	24	24	30	24	23.98	30	24	24
31	24	24				31	24	24
Totals	**744**	**743.68**	**Totals**	**720**	**719.2**	**Totals**	**744**	**743.47**
% Up Time		**99.96%**	**% Up Time**		**99.89%**	**% Up Time**		**99.93%**

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **October 5, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **October 8, 2020–** Closed SVE-22.

- **October 12, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **October 14, 2020–** Closed SVE-23.

- **October 15, 2020–** Closed SVE-26.

- **October 20, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **October 21, 2020–** Tested AST, VLS and process room floats.

- **October 22, 2020– 800 hour maintenance –** Replaced PW VLS pre-filter, replaced blower filter and pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card.

- **October 26, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **November 2, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **November 9, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line. Opened SVE-30, SVE-31, SVE-32, SVE-33, SVE-42, SVE -44, and SVE-47 from 0% to 100% open. Opened SVE-3R from 0% to 50% open. Blower speed adjusted from 20% to 50%.

- **November 16, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **November 18, 2020–** Anguil Environmental Systems adjusted minimum set point of fresh air damper #1 from 30% to 31% open, and fresh air damper #2 from 30% to 60% open.

- **November 19, 2020– 800 hour maintenance –** Replaced WFL VLS filter and pre-filter, replaced PW VLS pre-filter, replaced blower pre-filter, replace combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.

- **November 23, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

- **November 24, 2020–** Opened SVE-43 from 0% to 100% open.

- **November 30, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **December 1, 2020–** Opened SVE-38 from 0% to 100% open.
- **December 2, 2020–** Opened SVE-39 from 0% to 100% open.
- **December 4, 2020–** Cleaned WFL VLS float systems and housings.
- **December 7, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 14, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 15, 2020– 800 hour maintenance –** Replaced WFL VLS filter, replaced blower pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats.
- **December 18, 2020–** Cleaned WFL and PW VLS float systems and housings.
- **December 21, 2020–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 24, 2020–** Manual dilution valve adjusted from 23% to 30% open.
- **December 28, 2020–** Manual dilution valve adjusted from 30% to 23% open. Drained condensate from both system compressors and performed bubble test on natural gas line.

Appendix D
VMP-65 Boring Log and Construction Diagrams

LOG OF BORING
VMP-65

Start Date: 11/16/20
Completion Date: 11/17/20

Casing Elevation: Not Installed
Ground Elevation: 444.78 (NAVD 88)

Quadrangle
Sec: 35.00
T: 5N
R: 9W

UTM (or State Plane) Coordinates
Northing: 792183.660
Easting: 2322354.766

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				0.0			GRAVEL	6" asphalt / gravel / sand and silt backfill mix	Air knifed to 10' bgs to clear utilities. 31' boring logged with hand auger at 1' intervals. 21' and 11' borings not logged.
				0.0			ML	Very soft, moist, dark reddish brown (5 YR - 3/2), very fine grained SILT (ML), trace very fine grained sand	
				0.0					
				0.0					
				0.0				Becomes soft, trace fine gravel	
5				0.0					
				0.0				Becomes strong brown (7.5 YR - 5/6), medium plasticity, some clay, trace fine gravel grades out	
				0.0					
				0.0				Becomes very soft, brown (7.5 YR - 4/4), with clay	
				0.0				Becomes low plasticity, some very fine grained sand, trace clay	
10	24	14	3 2 2 3	0.0			SP	Loose, moist, brown (7.5 YR - 5/4), very fine to fine grained SAND (SP), with silt Becomes reddish brown (2.5 YR - 5/3), poorly sorted, trace silt	Begin hollow stem auger with split spoon sampling.
	24	14	2 2 2 3	0.0					
15	24	17	4 3 3 4	0.0				Becomes medium dense and red (2.5 YR - 5/6)	
	24	15	2 2 3 4	0.0				Becomes reddish brown (2.5 YR - 5/4) 1/8" silty bands 1-2" apart for 1'	
	24	16	2 2 3 2	0.0				Becomes loose 1/8" silty bands less frequent	
20	24	16	1 1 3 3	0.0				Loose, moist, reddish brown (2.5 YR - 5/4), very fine to fine grained SAND (SP), poorly sorted, trace silt, silty bands grade out	
	24	17	1 5 8 7	0.0				Becomes medium dense	
	24	15	3 2	0.0				Becomes yellowish red (5 YR - 5/6)	

Completion Depth: 31.0 Ft bgs
Project No.: 60643618-9-04-05F
Project Name: Shell - VMP-40 Replacement
Drilling Contractor: Widman - Roberts Environmental Drilling, Inc.
Driller Name: P. Seymour
Drilling Method: HSA / Splitspoon
Drill Rig Type: CME 75T
Logged by: B. Howell
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: NE ft., After NE hrs.
Water Depth: NE ft., After NE hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
NE - None Encountered
NA - Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

AECOM

USC based on field visual observations

ROXANA VMP BORING LOGS C:\USERS\MARY.DANGELO\ONEDRIVE - AECOM DIRECTORY\D'ANGELO\RETENTION\2020\VMP65.GPJ L:\DCS\RESOURCES\GINTDATA\GINT\ENV RONMENTAL\AECOM STL (ENVIRONMENTAL).GLB 12/11/20

LOG OF BORING
VMP-65

Start Date: 11/16/20
Completion Date: 11/17/20

Casing Elevation: Not Installed
Ground Elevation: 444.78 (NAVD 88)

Quadrangle
Sec: 35.00
T: 5N
R: 9W

UTM (or State Plane) Coordinates
Northing: 792183.660
Easting: 2322354.766

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			3 4	0.0				SAME: Medium dense, moist, yellowish red (5Y - 5/6), very fine to fine grained SAND (SP), poorly sorted, trace silt	
	24	13	1 2 2 3	0.0			SP	Becomes loose	
	24	14	1 2 4 4	0.0				Becomes medium dense Black (5 YR - 2.5/1) 1/8" silty bands for 6"	
30	12	12	4 5	0.0			SM	Loose, moist, yellow red (5 YR - 5/6), very fine to fine grained SILTY SAND (SM), poorly sorted, trace clay	
								Bottom of boring at 31' bgs	
35									
40									
45									

Completion Depth: 31.0 Ft bgs
Project No.: 60643618-9-04-05F
Project Name: Shell - VMP-40 Replacement
Drilling Contractor: Widman - Roberts Environmental Drilling, Inc.
Driller Name: P. Seymour
Drilling Method: HSA / Splitspoon
Drill Rig Type: CME 75T
Logged by: B. Howell
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: NE ft., After NE hrs.
Water Depth: NE ft., After NE hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
NE - None Encountered
NA - Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger- Soil samples not collected

AECOM

USC based on field visual observations

ROXANA VMP BORING LOGS C:\USERS\MARY.DANGELO\ONEDRIVE - AECOM DIRECTORY\D'ANGELO\RETENTION\2020\VMP65.GPJ L:\DCS\RESOURCES\GINTDATA\GINT\ENV RONMENTAL\AECOM STL (ENVIRONMENTAL).GLB 12/11/20

VAPOR MONITORING POINT CONSTRUCTION DIAGRAM

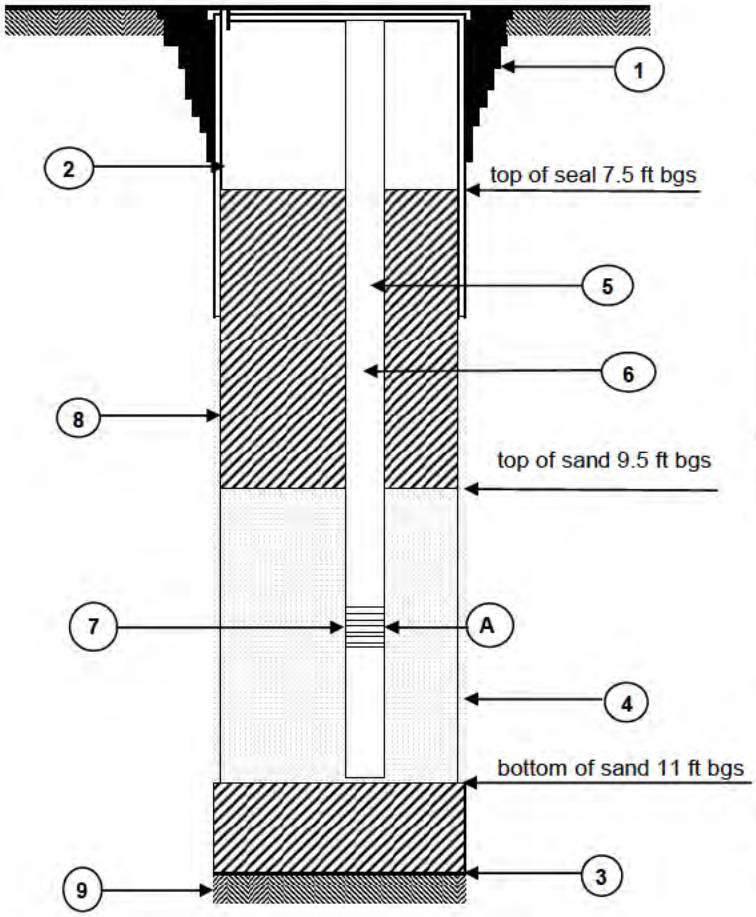
GROUND SURFACE ELEVATION (FEET) **444.78** JOB NUMBER **60643618-9-04-05F**

TOP OF INNER WELL CASING ELEVATION **NA** BORING NUMBER **VMP-65-10**

DATUM **NAVD 88** INSTALLATION DATE **11/17/2020**

LOCATION **WRR North Property - north of RTO compound**

Note: DRAWING NOT TO SCALE



VAPOR MONITORING PORT INSTALLATION DETAILS

SCREEN	DEPTH TO BOTTOM OF SAND (FEET*)	DEPTH TO TOP OF SAND (FEET*)	DEPTH TO BOTTOM OF SCREEN (FEET*)	DEPTH TO TOP OF SCREEN (FEET*)	LENGTH OF SCREEN (FEET)	DIAMETER OF SCREEN (INCHES)	SLOT SIZE (INCHES)
A	11	9.5	10.5	10	0.5	0.5	0.010

1 CONCRETE CAP? (YES) NO (CIRCLE ONE)

2 BOREHOLE DIAMETER 4 INCHES

3 TOTAL DEPTH OF BOREHOLE 11 FEET*

4 TYPE OF PACK AROUND SCREEN ANSI/NSF Quartz Sand
EXTENDS 6 in ABOVE AND BELOW THE SCREEN

5 RISER MATERIAL Stainless Steel

6 RISER DIAMETER 0.125 INCHES

7 SCREEN MATERIAL Stainless Steel Port Screen

8 TYPE OF SEAL granular bentonite, 2 ft thick

9 FORMATION MATERIAL USCS Group Symbol: **SP**

* (DEPTH FROM GROUND SURFACE)

AECOM

VAPOR MONITORING POINT CONSTRUCTION DIAGRAM

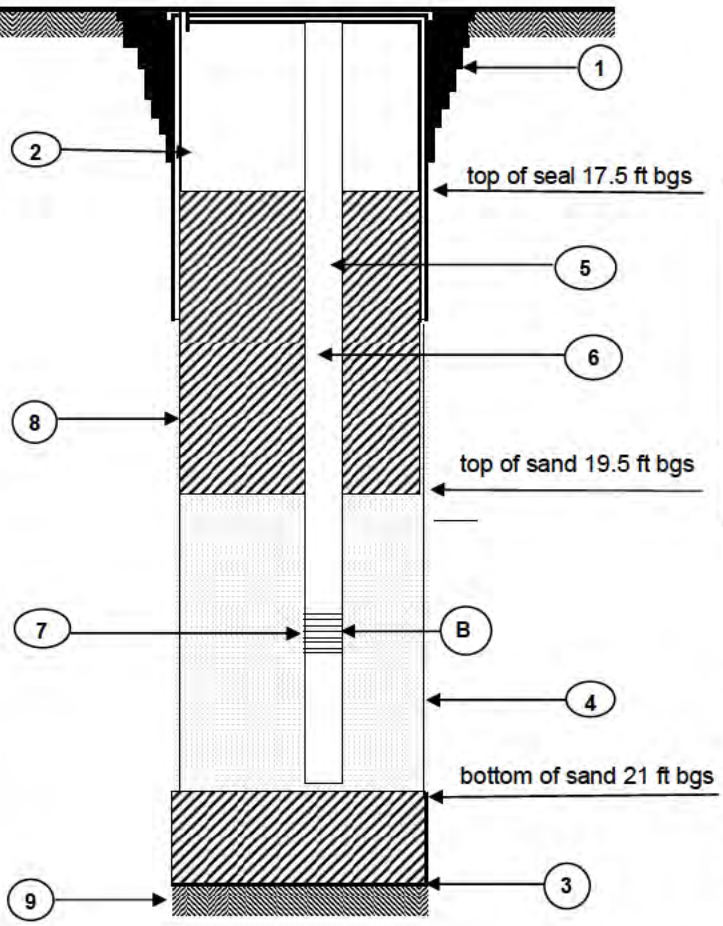
GROUND SURFACE ELEVATION (FEET) **444.75** JOB NUMBER **60643618-9-04-05F**

TOP OF INNER WELL CASING ELEVATION **NA** BORING NUMBER **VMP-65-20**

DATUM **NAVD 88** INSTALLATION DATE **11/18/2020**

LOCATION **WRR North Property - north of RTO compound**

Note: DRAWING NOT TO SCALE



VAPOR MONITORING PORT INSTALLATION DETAILS

SCREEN	DEPTH TO BOTTOM OF SAND (FEET*)	DEPTH TO TOP OF SAND (FEET*)	DEPTH TO BOTTOM OF SCREEN (FEET*)	DEPTH TO TOP OF SCREEN (FEET*)	LENGTH OF SCREEN (FEET)	DIAMETER OF SCREEN (INCHES)	SLOT SIZE (INCHES)
B	21	19.5	20.5	20	0.5	0.5	0.010

1 CONCRETE CAP? (YES) NO (CIRCLE ONE)

2 BOREHOLE DIAMETER 4 INCHES

3 TOTAL DEPTH OF BOREHOLE 21 FEET*

4 TYPE OF PACK AROUND SCREEN ANSI/NSF Quartz Sand
EXTENDS 6 in ABOVE AND BELOW THE SCREEN

5 RISER MATERIAL Stainless Steel

6 RISER DIAMETER 0.125 INCHES

7 SCREEN MATERIAL Stainless Steel Port Screen

8 TYPE OF SEAL granular bentonite, 2 ft thick

9 FORMATION MATERIAL USCS Group Symbol: **SP**

* (DEPTH FROM GROUND SURFACE)

AECOM

VAPOR MONITORING POINT CONSTRUCTION DIAGRAM

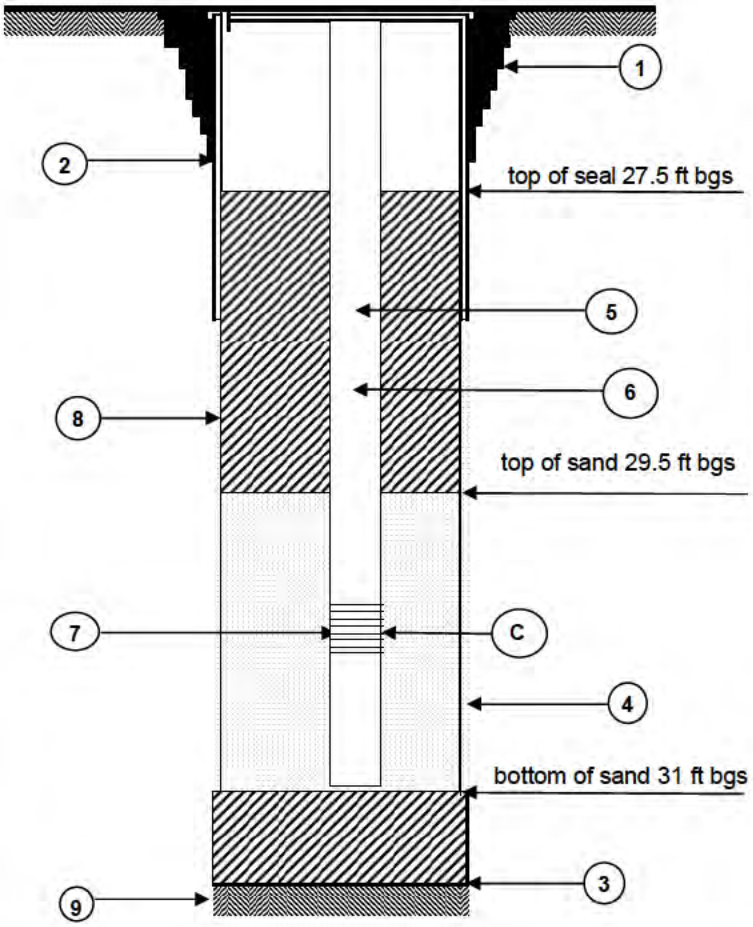
GROUND SURFACE ELEVATION (FEET) **444.75** JOB NUMBER **60643618-9-04-05F**

TOP OF INNER WELL CASING ELEVATION **NA** BORING NUMBER **VMP-65-30**

DATUM **NAVD 88** INSTALLATION DATE **11/17/2020**

LOCATION **WRR North Property - north of RTO compound**

Note: DRAWING NOT TO SCALE



VAPOR MONITORING PORT INSTALLATION DETAILS

SCREEN	DEPTH TO BOTTOM OF SAND (FEET*)	DEPTH TO TOP OF SAND (FEET*)	DEPTH TO BOTTOM OF SCREEN (FEET*)	DEPTH TO TOP OF SCREEN (FEET*)	LENGTH OF SCREEN (FEET)	DIAMETER OF SCREEN (INCHES)	SLOT SIZE (INCHES)
C	31	29.5	30.5	30	0.5	0.5	0.010

1 CONCRETE CAP? (YES) NO (CIRCLE ONE)

2 BOREHOLE DIAMETER 4 INCHES

3 TOTAL DEPTH OF BOREHOLE 31 FEET*

4 TYPE OF PACK AROUND SCREEN ANSI/NSF Quartz Sand
EXTENDS 6 in ABOVE AND BELOW THE SCREEN

5 RISER MATERIAL Stainless Steel

6 RISER DIAMETER 0.125 INCHES

7 SCREEN MATERIAL Stainless Steel Port Screen

8 TYPE OF SEAL granular bentonite, 2 ft thick

9 FORMATION MATERIAL USCS Group Symbol: **SM**

* (DEPTH FROM GROUND SURFACE)

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Appendix E
SVE System Leg Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX E
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)
1/10/2020	154	106	327	156	200	0
1/13/2020	79	105	364	129	235	0
1/14/2020	157	102	328	125	189	0
3/6/2020	99	67	232	143	143	0
3/18/2020	145	81	311	208	198	0
3/19/2020	150	77	310	202	184	0
3/20/2020	151	78	310	199	188	0
3/24/2020	152	78	326	165	195	0
3/26/2020	149	80	310	168	188	0
3/31/2020	153	77	317	128	188	0
4/2/2020	156	82	320	149	190	0
4/7/2020	149	83	315	97	178	0
4/14/2020	165	83	334	98	191	0
4/20/2020	154	80	323	74	182	0
4/28/2020	148	78	311	87	172	0
5/1/2020	155	76	309	95	169	0
5/4/2020	156	77	312	86	170	0
5/12/2020	156	75	329	81	167	0
5/13/2020	161	74	323	91	171	0
5/20/2020	162	73	310	93	164	0
5/26/2020	161	55	322	78	154	0
6/2/2020	154	77	297	103	164	0
6/10/2020	149	76	295	88	140	0
6/17/2020	146	68	315	144	165	0
6/23/2020	154	85	308	108	155	0
7/1/2020	162	75	307	93	153	0
7/7/2020	158	76	313	101	150	0
7/8/2020	0	86	0	88	170	0
7/14/2020	0	84	0	94	171	0
7/20/2020	0	0	0	0	211	0
7/24/2020	0	240	0	0	0	0
8/6/2020	0	244	0	0	0	0
8/12/2020	0	243	0	0	0	0
8/19/2020	0	238	0	0	0	0
8/25/2020	0	235	0	0	0	0
9/2/2020	0	236	0	0	0	0
9/9/2020	0	235	0	0	0	0
9/16/2020	0	243	0	0	0	0
9/21/2020	0	243	0	0	0	0
9/23/2020	0	0	0	422	0	0
9/29/2020	0	0	0	418	0	0

APPENDIX E
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow[1] (SCFM)	Blue Leg Flow[1] (SCFM)	Green Leg Flow[1] (SCFM)	Teal Leg Flow[1] (SCFM)	Purple Leg Flow[1] (SCFM)	Brown Leg Flow[1] (SCFM)
10/1/2020	0	0	0	414	0	0
10/6/2020	0	0	0	412	0	0
10/13/2020	0	0	0	401	0	0
10/20/2020	0	0	0	330	0	0
10/26/2020	0	0	0	335	0	0
11/3/2020	0	0	0	323	0	0
11/10/2020	0	222	0	312	219	0
11/11/2020	0	228	0	319	220	0
11/17/2020	0	223	0	327	195	0
11/20/2020	0	219	0	329	196	0
11/23/2020	0	232	0	324	196	0
12/1/2020	0	233	0	330	169	0
12/8/2020	121	233	0	315	158	0
12/16/2020	60	187	0	339	131	0
12/22/2020	106	231	0	310	164	0
12/29/2020	95	224	0	316	171	0

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

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

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

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

[5]Red Leg and Green Leg were shut off on July 7, 2020 as part of SVE System Assessment. Red Leg was re-opened December 1, 2020.

[6]Purple Leg was shut off between July 20 and November 9, 2020 as part of SVE System Assessment.

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

[8]Blue Leg was shut off between July 7-14, 2020, and between September 21 and November 9, 2020 as part of SVE System Assessment.

Appendix F
Total Header Hydrocarbon Concentrations

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX F
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
1/10/2020	8,674	18,100
1/13/2020	10,100	20,500
1/14/2020	13,800	28,100
3/6/2020	27,500	27,400
3/7/2020	18,200	27,640
3/8/2020	20,200	30,910
3/18/2020	17,520	30,940
3/18/2020	19,400	34,530
3/19/2020	20,300	32,270
3/20/2020	18,000	25,650
3/24/2020	20,300	27,630
3/26/2020	21,500	34,230
3/31/2020	20,100	28,200
4/2/2020	16,900	29,400
4/7/2020	16,400	27,200
4/14/2020	14,000	27,100
4/20/2020	14,200	23,600
4/28/2020	13,600	22,400
5/1/2020	10,600	16,600
5/4/2020	13,500	18,200
5/12/2020	11,900	15,400
5/13/2020	11,100	14,700
5/20/2020	10,700	15,100
5/26/2020	9,400	11,500
6/2/2020	10,800	14,800
6/10/2020	10,300	12,300
6/17/2020	9,574	13,200
6/23/2020	8,694	14,100
7/1/2020	8,769	14,200
7/7/2020	9,400	10,300
7/8/2020	15,500	16,000
7/14/2020	17,000	14,500
7/20/2020	14,100	NA
7/24/2020	4,789	NA
8/6/2020	7,946	NA
8/12/2020	8,286	NA
8/19/2020	7,293	NA
8/25/2020	6,671	NA
9/2/2020	6,922	NA
9/9/2020	4,495	NA
9/16/2020	5,414	NA
9/21/2020	6,053	NA
9/23/2020	NA	8,341
9/29/2020	NA	9,345

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX F
TOTAL HEADER HYDROCARBON CONCENTRATIONS

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
10/1/2020	NA	9,268
10/6/2020	NA	10,800
10/13/2020	NA	9,838
10/20/2020	NA	12,600
10/26/2020	NA	14,600
11/3/2020	NA	18,800
11/10/2020	38,740	21,400
11/11/2020	30,750	20,200
11/17/2020	20,600	17,300
11/20/2020	22,100	24,600
11/23/2020	21,600	18,300
12/1/2020	17,600	22,400
12/8/2020	16,100	21,500
12/16/2020	19,100	21,800
12/22/2020	13,800	18,300
12/29/2020	13,500	14,600

[1]NA = Not Applicable

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

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

[4]West Fenceline Header was shut off between September 21 and November 9, 2020 as part of SVE System Assessment.

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

Appendix G
SVE System Flow Rates

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX G
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
1/10/2020	788	156
1/13/2020	782	129
1/14/2020	776	125
3/6/2020	540	143
3/18/2020	736	208
3/19/2020	720	202
3/20/2020	726	199
3/24/2020	751	165
3/26/2020	728	168
3/31/2020	735	128
4/2/2020	749	149
4/7/2020	725	97
4/14/2020	772	98
4/20/2020	739	74
4/28/2020	708	87
5/1/2020	709	95
5/4/2020	714	86
5/12/2020	726	81
5/13/2020	730	91
5/20/2020	709	93
5/26/2020	692	78
6/2/2020	692	103
6/10/2020	659	88
6/17/2020	694	144
6/23/2020	702	108
7/1/2020	699	93
7/7/2020	698	101
7/8/2020	257	88
7/14/2020	254	94
7/20/2020	211	0
7/24/2020	240	0
8/6/2020	244	0
8/12/2020	243	0
8/19/2020	238	0
8/25/2020	235	0
9/2/2020	236	0
9/9/2020	235	0
9/16/2020	243	0
9/21/2020	243	0
9/23/2020	0	422
9/29/2020	0	418

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX G
SVE SYSTEM FLOW RATES

Date	West Fenceline Header[1] (SCFM)	Public Works Header[1] (SCFM)
10/1/2020	0	414
10/6/2020	0	412
10/13/2020	0	401
10/20/2020	0	330
10/26/2020	0	335
11/3/2020	0	323
11/10/2020	440	312
11/11/2020	448	319
11/17/2020	418	327
11/20/2020	415	329
11/23/2020	427	324
12/1/2020	402	330
12/8/2020	512	315
12/16/2020	378	339
12/22/2020	501	310
12/29/2020	491	316

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

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

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

[4]West Fenceline Header was shut off between September 21 and November 9, 2020 as part of SVE System Assessment.

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

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