



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 County Madison
 Street Address 900 South Central Ave. Site No. (IEPA) 1191150002
 City Roxana Site No. (USEPA) ILD080 012 305

2.0 Owner Information

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

3.0 Operator Information

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

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

- RFI Phase I Workplan/Report IEPA Permit Log No. B-43R
 RFI Phase II Workplan/Report Date of Last IEPA Letter on Project December 20, 2019 Log
 CMP Report; No. of Last IEPA Letter on Project B-43R-M-21,-26,-27,-28,-29,-30,-35,-36,-38
 Other (describe): Does this submittal include groundwater information: Yes No
Soil Vapor Sampling & SVE Monitoring Report - 4th Quarter 2019
 Date of Submittal 1/30/2020

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 2019 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 2019 dated 1/30/2020. Copy of submittal also sent directly to R. Watson and G. Search of IEPA.

7.0 Certification Statement

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

Roxana, Illinois 4Q19 SV-SVE Report

Date of Submission: 1/30/2020

7.1 Owner/Operator Certification

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

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

A person is a duly authorized representative only if:

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

Owner Signature: _____ Date: _____

Title: _____

Operator Signature: J.T. Kish

Date: 1-28-20

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: Robert Billman

Date: 1/29/2020

Professional's Name: Robert B Billman

Address: 100 N. Broadway 20th Floor

City: St Louis

State: MO Zip Code: 63102

Phone: 314-429-0100



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: Envofins AirToxics, LLC

Signature of Laboratory Responsible Officer: [Signature]

Date: 12-5-19

Mailing Address of Laboratory

Address: 180-13 Blue Ravine Rd.

City: Folsom

State: CA Zip Code: 95630

Sepideh Saeed Vice President -OP
Name and Title of Laboratory Responsible Officer

January 30, 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 2019
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
Environmental Scientist



Robert E. Mooshegian, STS
Senior Program Manager

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

cc:

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

4th Quarter 2019 Report

Soil Vapor Sampling and SVE Monitoring Report Roxana, Illinois

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

Project Number: 66019901
January 2020

Table of Contents

1	Introduction	1
2	Description of Subsurface Conditions	3
	2.1 Geology	3
	2.2 Hydrogeology	3
3	Soil Vapor Sampling and Analytical Procedures	5
	3.1 Vapor Monitoring Port Sampling	5
	3.2 Health & Safety, Decontamination, and Investigation Derived Waste	7
	3.3 Sample Handling and Laboratory Testing	7
	3.4 Data Quality Review and Data Management.....	8
4	Soil Vapor Sampling Results.....	9
	4.1 Data Quality Review Results	9
	4.2 Soil Vapor Analytical Results	9
	4.3 Conceptual Site Model.....	10
5	Soil Vapor Extraction System Monitoring	12
	5.1 SVE System Operations	12
	5.2 SVE Maintenance Activities and Modifications	12
	5.3 SVE System Monitoring Results	13
	5.4 SVE System Operation Evaluation	14
	5.5 SVE System Modification Recommendations.....	17
6	Conclusions	18
7	References	19

Tables

Table 1	Historical Groundwater Monitoring Well Gauging Results
Table 2	Soil VMP Depths
Table 3	Soil Vapor Sampling – Tedlar® Sampling Data
Table 4	Soil Vapor Screening Criteria
Table 5	Historical Summary of Soil Vapor Analytical Detections and Screening Results: Village – VOCs
Table 6	Historical Summary of Soil Vapor Analytical Detections and Screening Results: Public Works Yard and WRR – VOCs
Table 7	Historical Summary of Soil Vapor Analytical Results – Natural Gases
Table 8	SVE System Monthly Monitoring – SVE Sampling Data
Table 9	SVE System Monthly Monitoring – VMP Sampling Data
Table 10	SVE System Header and Exhaust Analytical Data

Figures

Figure 1	Investigation Area Location Map
Figure 2	Vapor Monitoring Point Sampling Locations
Figure 3	4Q19 Groundwater Contours
Figure 4	4Q19 Vapor Port Screen Comparison to Groundwater Elevations
Figure 5	4Q19 Summary of Benzene Soil Vapor Analytical Results – Village of Roxana
Figure 6	4Q19 Summary of Benzene Soil Vapor Analytical Results – Roxana Public Works Yard Area
Figure 7	4Q19 Summary of Benzene Soil Vapor Analytical Results – WRR
Figure 8	4Q19 Cross-Section with Benzene Soil Vapor Analytical Results – Chaffer Avenue
Figure 9	4Q19 Benzene Soil Vapor Distribution – 5 ft bgs
Figure 10	4Q19 Benzene Soil Vapor Distribution – 10 ft bgs
Figure 11	4Q19 Benzene Soil Vapor Distribution – 25 ft bgs
Figure 12	4Q19 Dissolved Phase Benzene Concentrations in Groundwater
Figure 13	4Q19 Thickness of LNAPL – West Fenceline
Figure 14	SVE System Layout

Appendices

Appendix A	Benzene and Methane Charts
Appendix B	SVE System Leg Flow Rates
Appendix C	SVE System Operating Efficiency and Maintenance Chronology
Appendix D	Total Header Hydrocarbon Concentrations
Appendix E	SVE System Flow Rates

1 Introduction

AECOM Technical Services, Inc. (AECOM) is submitting this 4th Quarter 2019 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).

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. The locations of VMPs in the soil vapor sampling network are presented on **Figure 2**.

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. This letter is further discussed in **Section 5** of this report.

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.

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 2019 (4Q19) was at a depth of approximately 22 to 41 feet bgs (approximate elevation of 406.5 to 408 feet North American Vertical Datum [NAVD 88]). The variation in depth of groundwater from the ground surface is partially due to a change in surface elevation across the Investigation Area. As a result, there is generally a 15 to 30 foot thick vadose (unsaturated) zone in the sand. Groundwater levels in most wells in the Investigation Area have risen approximately 1 to 2.25 feet since the 3Q19 gauging event. Water level measurements collected during the 4Q19 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 Panasonic Toughpad® technology (Toughpad®) 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 4Q19 comprehensive groundwater monitoring well gauging¹ (**Figure 3**) illustrates groundwater flow within the Village and WRR. **Figure 4** provides the groundwater potentiometric surface for the Investigation Area in 4Q19.

¹ 4Q19 comprehensive groundwater monitoring well gauging performed October 1-3, 2019.

3 Soil Vapor Sampling and Analytical Procedures

The 4Q19 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 4Q19 soil vapor sampling event was conducted October 18 through October 28, and November 15, 2019.

3.1 Vapor Monitoring Port Sampling

The soil vapor sampling network currently consists of 63 VMP locations (**Figure 2**), of which 46 locations are currently being utilized for quarterly sampling. VMPs in the quarterly sampling program are generally screened at four depths² at each location. The individual VMPs are labeled and color-coded in the field from shallow to deep by using the color scheme of yellow (1st interval), blue (2nd interval), green (3rd interval), and red (4th interval). Additional VMPs installed as part of a supplemental sampling event in 2nd Quarter 2010 (2Q10) are color-coded white (10-foot depth). Vapor ports installed during 3Q11 and 4Q11 do not have the shallow (5-foot depth) port included and begin with the blue interval port. Soil VMP depths are provided in **Table 2**.

VMP Sampling

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

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

The following steps were used to collect each VMP sample.

- Upon arrival at a sampling location, the sampling crew would open the vapor port vault to visually check integrity of each individual VMP.
- Three well volumes were purged from each VMP prior to sampling using a 60 mL syringe³. If the syringe would not retract or produced water when purged, the VMP was presumed to be saturated with water and no sample was collected.
- The sample train was set up and connected directly to the monitoring port using compression ferrule connections. Each flow controller is pre-set by the laboratory to collect the sample over a five minute period. The 1-Liter stainless-steel canisters collect samples at a rate of approximately 167 mL/min, which is lower than the maximum sample collection rate identified in the IEPA Tiered Approach to Corrective Action Objectives (approximately 200 mL/min). Once the sample train was assembled, a vacuum leak check was performed.
- An enclosure was then placed over the VMP and assembled sample train. The enclosure was sealed to the ground at each location with a hydrated bentonite seal.
- Helium gas was introduced into the enclosure until the atmosphere reached a concentration of approximately 50% helium.

² With the exception of single shallow ports at VMP-17, 18, 19, three ports at VMP-41 through VMP-45, VMP-56 and VMP-57, and five ports at VMP-3.

³ The purge volume was calculated using the following assumptions: vapor port tubing (1/8-in diameter): 2.41 mL/foot (single volume) and sample train assembly (1/4-in diameter): 9.65 mL/foot (single volume).

- After introducing helium into 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 either a Thermo Scientific TVA-2020 Vapor Analyzer or a RAE® Systems MiniRae 3000 - Photoionization Detector (PID) and a Thermo Scientific TVA-2020 Vapor Analyzer - Flame Ionization Detector (FID); and for carbon dioxide (CO₂), methane (CH₄), lower explosive limit (LEL), and oxygen (O₂) with a Landtec GEM™ 2000 landfill gas meter. Readings were also obtained and recorded for helium with a MGD-2002 field analyzer. This check was used to verify the sample train integrity during and at the completion of sampling.
- At the completion of sampling, the stainless-steel canister and flow controller were removed and separated from the sample train and a final vacuum reading was recorded.
- Field duplicates were collected by including an additional T-connection in the sample train and attaching a second stainless-steel canister with a separate flow controller. Both the original and duplicate samples were started and ended at the same time.

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

Additional Notes on VMP Sampling

Saturated VMP Screens – The groundwater monitoring well gauging results suggested that 27 of the VMP screens were submerged beneath the water table (or a temporary water condition) during 4Q19; 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 the 1 to 2.25 feet rise in groundwater since 3Q19, which has followed the Mississippi River being in flood stage for 4 months beginning in March 2019.

- 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.
- Four 3rd interval VMPs, VMP-15-25.5, VMP-25-21, VMP-32-20, and VMP-55-20, held vacuum during the attempted purge and were most likely submerged.
- Nineteen 4th interval VMPs, VMP-1-38.5, 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-41-26, 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 4Q19 are identified on **Figures 4** through **6**.

Re-samples – Three VMP ports were re-sampled in 4Q19.

VMP-19-5 and VMP-45-10 were re-sampled on November 15, 2019, due to the helium concentration in the samples as received by the laboratory. Results from the re-samples are included in this report.

VMP-1-8.5 was re-sampled on November 15, 2019 due to anomalous results in the initial sample. The results from the re-sample were consistent with data from past sampling events. Results from both the initial sample and re-sample are included in this report.

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 November 1, 2018 (AECOM, 2018).

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 electronic Toughpad®.
- Safety documentation.

4 Soil Vapor Sampling Results

4.1 Data Quality Review Results

A total of 146 investigative samples (143 samples plus 3 re-samples) and 16 field duplicate samples were collected from VMPs for analysis of VOCs (TO-15 analytes) and natural gases. Results qualified by AECOM due to method blank contamination, field duplicate results, and quality control sample recoveries are specified in the data reviews, which are retained in the project file. Based on method blanks, laboratory control sample recoveries, results reported from dilutions, and field duplicate results, soil vapor results reported for the analyses performed were accepted for their intended use.

4.2 Soil Vapor Analytical Results

The following TO-15 analytes were detected at concentrations at or above the reporting limit in soil vapor during the 4Q19 sampling event:

TO-15 Detections	
Acetone	Isopropylbenzene (Cumene)
Benzene	n-Propylbenzene
Bromodichloromethane	2-Propanol
Butane	Tetrachloroethene
2-Butanone	Tetrahydrofuran
Chloroform	Toluene
Cyclohexane	Trichloroethene
cis-1,2-Dichloroethane	Trichlorofluoromethane
Ethanol	1,2,4-Trimethylbenzene
Ethylbenzene	1,3,5-Trimethylbenzene
4-Ethyltoluene	2,2,4-Trimethylpentane
Heptane	m,p-Xylene
Hexane	o-Xylene
Isopentane	

No new analytes were detected in 4Q19. 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 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**.

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

Village

Detected concentrations of benzene from locations within the Village ranged from an estimated 0.00073 mg/m³ (VMP-48-10) to 0.0042 mg/m³ (VMP-56-25). The results for samples collected in the Village indicate that no samples had a benzene concentration above the residential screening criterion (0.37 mg/m³) during this sampling event. The historical results for benzene in soil vapor for samples collected in the Village are depicted on **Figure 5**.

Roxana Public Works Yard Area

Benzene concentrations from locations within the Roxana Public Works Yard and the area along Illinois Route 111 and Rand Avenue ranged from an estimated 0.0012 mg/m³ (VMP-29-18) to 0.007 mg/m³ (VMP-30-26 duplicate). The results of samples collected from the Roxana Public Works Yard area indicate that no samples exceeded the commercial/industrial screening criterion (2.8 mg/m³) for benzene. The historical results for benzene in soil vapor for samples collected in the Roxana Public Works Yard are depicted on **Figure 6**.

WRR

Benzene was not detected in any samples collected at the two locations sampled in the WRR in 4Q19. Reporting limits for benzene in samples collected in the WRR were below the commercial/industrial screening criterion (2.8 mg/m³) for benzene. The 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 A**.

Natural Gas 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). Oxygen levels are in the range of 19% to 20.9% in most VMPs closer to the SVE system (e.g., along Chaffer Avenue) in the Village. 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 4Q19. **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 2019 Report (AECOM, 2020). **Figure 12** presents the estimated distribution of dissolved phase benzene in the groundwater. Light non-aqueous phase liquid (LNAPL) thicknesses observed during the 4Q19 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 4Q19.

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).

5.1 SVE System Operations

Approximately 685 gallons of water (410 gallons of condensate; and 275 gallons of potable water added during float testing activities) were removed from the Public Works aboveground storage tank (AST) in 4Q19, as compared to 0 gallons in 3Q19. Condensate from the Public Works AST was transported to the Heritage Environmental Services facility in Indianapolis, Indiana for treatment. Approximately 6,340 gallons of condensate from the WFL AST was removed in 4Q19, as compared to 410 gallons in 3Q19. 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.

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, 2019). 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 4Q19 can be found in **Appendix C**.

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

5.3 SVE System Monitoring Results

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

SVE Well & VMP Tedlar® Sampling Details:

SVE and VMP well locations sampled during 4Q19 (listed below) are shown on **Figure 14**.

- SVE wells operating during the 4Q19 effectiveness monitoring events were:
 - SVE-3R, SVE-42, and SVE-47⁴ are located in the Village.
 - SVE-11, SVE-12, SVE-13, SVE-17, SVE-18, SVE-19, SVE-20, SVE-30 through SVE-33, and SVE-38 through SVE-40 are located on WRR North Property.
 - SVE-24 and SVE-27 are located in the Roxana Public Works Yard.
 - Samples were collected from all operating SVE wells during 4Q19 effectiveness monitoring events.
- Fifty-one VMP locations were sampled monthly during 4Q19 with one duplicate sample taken per twenty samples.
 - VMP-1 through VMP-7, VMP-9, VMP-18, VMP-19, VMP-32, VMP-42 through VMP-45, VMP-47 through VMP-54, VMP-56, and VMP-62 through VMP-64 are located in the Village.
 - VMP-12, VMP-33 through VMP-40, VMP-46, and VMP-57 through VMP-61 are located on WRR North Property.
 - VMP-10, VMP-11, VMP-13, VMP-14, VMP-17, VMP-29, VMP-30, and VMP-41 are located in the Roxana Public Works Yard.
 - VMP-55 is located on an IDOT right-of-way west of the Roxana Public Works Yard.

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

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**.
- On October 18, 2019 wells SVE-29 and SVE-43 were opened to assess soil vapor concentrations. Tedlar® bag sample results were consistent with previous samples at these wells. SVE-29 and SVE-43 were closed on October 21, 2019. Sample results can be found in **Table 8**.
- 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

⁴ SVE-13, SVE-17, SVE-18, SVE-19, and SVE-47 are currently being utilized to provide dilution air to the system.

Roxana Public Works Yard. Vacuum readings have generally remained consistent at VMP locations during 4Q19. Vacuum data can be found in **Tables 8** and **9**.

- Air flow data collected from each SVE leg located at the RTO were obtained and can be found in **Appendix B**.
- WFL header concentrations and hydrocarbon mass removal decreased in 4Q19. Public Works header concentrations and hydrocarbon mass removal increased in 4Q19. See hydrocarbon mass removal calculation discussion details in **Section 5.4**.
- During 4Q19, LNAPL was observed in SVE-3R and SVE-45. The screened interval for these locations was installed in the vadose zone above the groundwater table. Groundwater monitoring wells in the vicinity of SVE-3R and SVE-45 did not contain LNAPL in 4Q19; therefore the LNAPL observed originates in the vadose zone and not the groundwater. During 4Q19 approximately 0.727 gallons of LNAPL was recovered from SVE-45. No LNAPL was recovered from SVE-3R because LNAPL thickness did not meet the 0.2 ft criterion for recovery.
- 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 2019, the system uptime was 99.55%, 87.48%, and 89.47%, respectively.

October			November			December		
Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime	Total Time	Total Uptime	Percentage Uptime
744 hours	740.68 hours	99.55%	720 hours	629.84 hours	87.48%	744 hours	665.66 hours	89.47%

During 4Q19 the SVE system experienced five unplanned periods of downtime:

- On October 3 and October 4, 2019 the system experienced shutdowns associated with an inlet #1 valve position alarm. The system was down for a total of 1 hour and 8 minutes during this period.
- On October 9, 2019 the system experienced a shutdown associated with a system fan VFD alarm. The system was down for a total of 39 minutes.
- November 4 through November 6, 2019 the system experienced shutdowns associated with low system pressure alarms. The system was down for a total of 2 hours and 20 minutes during this period.
- November 9 through November 14, 2019 the system experienced shut down alarms and downtime associated with the WFL VLS float system. An electrical contractor was brought onsite and replaced the WFL VLS float system on November 14, 2019. Although the system was down for a total of 110 hours and 52 minutes during this period, an Agency notification was not required since the system was not down for 72 consecutive hours.
- On December 18 through December 31, 2019 the system experienced shutdown alarms and downtime associated with low chamber temperatures. The system was shut down for a total of 61 hours and 56 minutes over this period.

The remainder of downtime in 4Q19 was associated with routine (planned) maintenance activities. A summary table of system downtime by date for 4Q19 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 seven times in 4Q19 for the WFL and PW headers.

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. A summary table describing supplemental dilution utilization can be found 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 D**.

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 leg⁵. 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 E**. Only flow rates and concentrations samples taken on the same day were used to calculate mass removal.

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

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

Where:

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

Q = Total header flowrate (SCFM)

φ = Total hydrocarbon concentration (ppmv)

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

h = Period SVE operating hours (hours)

Unit conversions:

60 minutes per hour

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

2000 pounds per tons

Header analytical results from **Table 10** were used to estimate vapor molecular weights in the WFL and Public Works headers. Based on the soil vapor analytical results of the WFL and Public Works header samples, the calculated

⁵ 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.

molecular weights for this reporting period, 23.7 lb/lb-mole and 24.7 lb/lb-mole for the WFL and Public Works headers, respectively, were used to convert header hydrocarbon volume concentrations (ppmv) to mass concentrations (lb/SCF) in 4Q19.

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

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

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

6 Conclusions

AECOM conducted the 4Q19 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 4Q19:

- Soil vapor samples were collected from 45 locations and 143 ports during 4Q19. Due to subsurface water conditions, 27 ports were submerged and unable to be sampled.
- Benzene concentrations within the Village were less than one part per billion (ppb) in the shallow samples to less than 2 ppb in the intermediate to deep samples. The residential screening criterion was not exceeded at any VMPs within the Village.
- Benzene concentrations within Roxana Public Works Yard range from less than one ppb in the shallow and intermediate samples to 2 ppb in the deeper samples. The commercial/industrial screening criterion was not exceeded at any VMPs located at the Public Works Yard.
- Benzene was not detected in any samples collected at the two locations sampled in the WRR in 4Q19. .
- As presented in detail above, the SVE system continues to operate efficiently and effectively.
- The data and observations presented in this quarterly soil vapor monitoring report provide further support for the conclusions and requested course of action presented in the TACO Tier III Demonstration for soil gas submitted to the IEPA on April 6, 2017.

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, 2018 (AECOM, 2018a); 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 November 1, 2018.

AECOM, 2020; (AECOM, 2020); Interim Groundwater Monitoring Program – 4th Quarter 2019 – Roxana, Illinois; Prepared for Shell Oil Products US (SOPUS); dated January 2020.

AECOM, 2019; (AECOM, 2019); 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.

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

Tables

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

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
MW 01											
1Q17	442.65	1/16/2017	NE	38.35	NA	NA	NA	404.30	393.85 - 383.85 (48.80 - 58.80)	2.7	*
2Q17		4/3/2017	NE	38.72	NA	NA	NA	403.93		0.0	*
3Q17		7/5/2017	NE	37.24	NA	NA	NA	405.41		11.3	*
4Q17		10/2/2017	NE	37.62	NA	NA	NA	405.03		0.1	*
1Q18		1/2/2018	NE	39.42	NA	NA	NA	403.23		2.6	*
2Q18		4/2/2018	NE	40.76	NA	NA	NA	401.89		0.0	*
3Q18		7/2/2018	NE	41.36	NA	NA	NA	401.29		0.0	*
4Q18		10/1/2018	NE	41.25	NA	NA	NA	401.40		0.0	*
1Q19		1/2/2019	NE	41.04	NA	NA	NA	401.61		0.0	*
2Q19		4/1/2019	NE	41.00	NA	NA	NA	401.65		0.0	*
3Q19	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	*
MW 02											
1Q17	443.77	1/16/2017	NE	39.58	NA	NA	NA	404.19	393.90 - 383.90 (49.87 - 59.87)	118	*
2Q17		4/3/2017	NE	39.97	NA	NA	NA	403.80		181	*
3Q17		7/5/2017	NE	38.69	NA	NA	NA	405.08		365	*
4Q17		10/2/2017	NE	38.87	NA	NA	NA	404.90		15000	*
1Q18		1/2/2018	NE	41.27	NA	NA	NA	402.50		106	*
2Q18		4/3/2018	NE	41.84	NA	NA	NA	401.93		62.2	*
3Q18		7/2/2018	NE	42.78	NA	NA	NA	400.99		70.0	*
4Q18		10/1/2018	NE	42.68	NA	NA	NA	401.09		1460	*
1Q19		1/2/2019	NE	42.44	NA	NA	NA	401.33		118	*
2Q19		4/1/2019	NE	42.49	NA	NA	NA	401.28		250	*
3Q19	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	*
MW 03											
1Q17	430.08	1/16/2017	NE	25.65	NA	NA	NA	404.43	395.41 - 385.41 (34.67 - 44.67)	0.2	*
2Q17		4/3/2017	NE	26.10	NA	NA	NA	403.98		0.0	*
3Q17		7/5/2017	NE	24.17	NA	NA	NA	405.91		3.1	*
4Q17		10/2/2017	NE	24.98	NA	NA	NA	405.10		0.0	*
1Q18		1/2/2018	NE	27.17	NA	NA	NA	402.91		0.4	*
2Q18		4/2/2018	NE	28.03	NA	NA	NA	402.05		0.0	*
3Q18		7/2/2018	NE	28.32	NA	NA	NA	401.76		0.2	*
4Q18		10/1/2018	NE	28.20	NA	NA	NA	401.88		0.0	*
1Q19		1/2/2019	NE	27.95	NA	NA	NA	402.13		0.0	*
2Q19		4/1/2019	NE	27.85	NA	NA	NA	402.23		0.0	*
3Q19	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	*
MW 04											
1Q17	441.14	1/16/2017	NE	36.84	NA	NA	NA	404.30	396.08 - 386.08 (45.06 - 55.06)	24.2	*
2Q17		4/3/2017	NE	37.17	NA	NA	NA	403.97		24.8	*
3Q17		7/5/2017	NE	35.65	NA	NA	NA	405.49		10.6	*
4Q17		10/2/2017	NE	36.20	NA	NA	NA	404.94		0.2	*
1Q18		1/2/2018	NE	38.46	NA	NA	NA	402.68		1.9	*
2Q18		4/2/2018	NE	39.26	NA	NA	NA	401.88		29.2	*
3Q18		7/2/2018	NE	39.73	NA	NA	NA	401.41		0.0	*
4Q18		10/1/2018	NE	39.64	NA	NA	NA	401.50		0.0	*
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.76		0.0	*
2Q19		4/1/2019	NE	39.27	NA	NA	NA	401.87		0.0	*
3Q19	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	*
MW 05											
1Q17	429.80	1/16/2017	NE	25.33	NA	NA	NA	404.47	395.83 - 385.83 (33.97 - 43.97)	2.0	*
2Q17		4/3/2017	NE	25.75	NA	NA	NA	404.05		3.5	*
3Q17		7/5/2017	NE	23.96	NA	NA	NA	405.84		0.3	*
4Q17		10/2/2017	NE	24.78	NA	NA	NA	405.02		0.0	*
1Q18		1/2/2018	NE	27.01	NA	NA	NA	402.79		0.1	*
2Q18		4/2/2018	NE	27.73	NA	NA	NA	402.07		0.0	*
3Q18		7/2/2018	NE	27.99	NA	NA	NA	401.81		0.1	*
4Q18		10/2/2018	NE	27.93	NA	NA	NA	401.87		0.0	*
1Q19		1/2/2019	NE	27.64	NA	NA	NA	402.16		0.0	*
2Q19		4/1/2019	NE	27.50	NA	NA	NA	402.30		0.0	*
3Q19	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	*

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											
1Q17	432.14	1/16/2017	NE	27.43	NA	NA	NA	404.71	397.31 - 387.31 (34.83 - 44.83)	0.4	*
2Q17		4/3/2017	NE	27.78	NA	NA	NA	404.36		1.4	*
3Q17		7/5/2017	NE	26.11	NA	NA	NA	406.03		0.2	*
4Q17		10/2/2017	NE	26.98	NA	NA	NA	405.16		0.0	*
1Q18		1/2/2018	NE	29.18	NA	NA	NA	402.96		0.0	*
2Q18		4/2/2018	NE	29.82	NA	NA	NA	402.32	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	*
MW 06B											
1Q17	432.29	1/16/2017	NE	27.49	NA	NA	NA	404.80	368.24 - 363.24 (64.05 - 69.05)	0.4	*
2Q17		4/3/2017	NE	27.89	NA	NA	NA	404.40		0.0	*
3Q17		7/5/2017	NE	26.16	NA	NA	NA	406.13		37.6	*
4Q17		10/2/2017	NE	27.02	NA	NA	NA	405.27		0.0	*
1Q18		1/2/2018	NE	29.22	NA	NA	NA	403.07		0.0	*
2Q18		4/2/2018	NE	29.88	NA	NA	NA	402.41		0.0	*
3Q18		7/2/2018	NE	30.10	NA	NA	NA	402.19		0.0	*
4Q18		10/2/2018	NE	30.09	NA	NA	NA	402.20		0.0	*
1Q19		1/2/2019	NE	29.81	NA	NA	NA	402.48		0.0	*
2Q19		4/2/2019	NE	29.46	NA	NA	NA	402.83		0.0	*
3Q19	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	*
MW 06C											
1Q17	432.11	1/16/2017	NE	27.26	NA	NA	NA	404.85	347.16 - 342.16 (84.95 - 89.95)	21.1	*
2Q17		4/3/2017	NE	27.61	NA	NA	NA	404.50		4.9	*
3Q17		7/5/2017	NE	25.96	NA	NA	NA	406.15		15.4	*
4Q17		10/2/2017	NE	26.81	NA	NA	NA	405.30		0.0	*
1Q18		1/2/2018	NE	29.01	NA	NA	NA	403.10		0.0	*
2Q18		4/2/2018	NE	29.68	NA	NA	NA	402.43		0.0	*
3Q18		7/2/2018	NE	29.90	NA	NA	NA	402.21		0.0	*
4Q18		10/2/2018	NE	29.87	NA	NA	NA	402.24		0.0	*
1Q19		1/2/2019	NE	29.61	NA	NA	NA	402.50		0.0	*
2Q19		4/2/2019	NE	29.25	NA	NA	NA	402.86		0.0	*
3Q19	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	*
MW 06D											
1Q17	431.99	1/16/2017	NE	27.14	NA	NA	NA	404.85	327.27 - 322.27 (104.72 - 109.72)	0.2	*
2Q17		4/3/2017	NE	27.47	NA	NA	NA	404.52		0.0	*
3Q17		7/5/2017	NE	25.83	NA	NA	NA	406.16		0.4	*
4Q17		10/2/2017	NE	26.68	NA	NA	NA	405.31		0.0	*
1Q18		1/2/2018	NE	28.87	NA	NA	NA	403.12		0.0	*
2Q18		4/2/2018	NE	29.53	NA	NA	NA	402.46		0.0	*
3Q18		7/2/2018	NE	29.74	NA	NA	NA	402.25		0.0	*
4Q18		10/2/2018	NE	29.72	NA	NA	NA	402.27		0.0	*
1Q19		1/2/2019	NE	29.45	NA	NA	NA	402.54		0.0	*
2Q19		4/2/2019	NE	29.11	NA	NA	NA	402.88		0.0	*
3Q19	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	*
MW 07											
1Q17	443.10	1/16/2017	NE	38.90	NA	NA	NA	404.20	400.18 - 390.18 (42.92 - 52.92)	820	*
2Q17		4/3/2017	NE	39.09	NA	NA	NA	404.01		15000	*
3Q17		7/5/2017	NE	37.82	NA	NA	NA	405.28		139	*
4Q17		10/2/2017	NE	38.37	NA	NA	NA	404.73		15000	*
1Q18		1/4/2018	NE	40.57	NA	NA	NA	402.53		2840	*PID data from 1/2/2018
2Q18		4/2/2018	NE	41.32	NA	NA	NA	401.78		490	*
3Q18		7/2/2018	NE	41.76	NA	NA	NA	401.34		5380	*
4Q18		10/2/2018	NE	41.72	NA	NA	NA	401.38		15000	*
1Q19		1/2/2019	NE	41.45	NA	NA	NA	401.65		2574	*
2Q19		4/1/2019	NE	41.33	NA	NA	NA	401.77		683	*
3Q19	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	*

**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 08											
1Q17	434.11	1/16/2017	NE	29.79	NA	NA	NA	404.32	400.51 - 390.51 (33.60 - 43.60)	106	*
2Q17		4/3/2017	NE	30.15	NA	NA	NA	403.96		15000	*
3Q17		7/5/2017	NE	28.55	NA	NA	NA	405.56		370	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	404.83		15000	*
1Q18		1/2/2018	NE	31.53	NA	NA	NA	402.58		87.6	*
2Q18		4/2/2018	NE	32.24	NA	NA	NA	401.87		169	*
3Q18		7/2/2018	NE	32.54	NA	NA	NA	401.57		231	*
4Q18		10/2/2018	NE	32.47	NA	NA	NA	401.64		1.4	*
1Q19		1/2/2019	NE	32.20	NA	NA	NA	401.91		0.0	*
2Q19		4/1/2019	NE	32.06	NA	NA	NA	402.05		0.0	*
3Q19	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	*
MW 09											
1Q17	445.20	1/16/2017	NE	40.06	NA	NA	NA	405.14	398.75 - 388.75 (46.45 - 56.45)	11.1	*
2Q17		4/3/2017	NE	40.56	NA	NA	NA	404.64		0.0	*
3Q17		7/5/2017	NE	38.89	NA	NA	NA	406.31		0.0	*
4Q17		10/2/2017	NE	39.22	NA	NA	NA	405.98		0.2	*
1Q18		1/2/2018	NE	41.08	NA	NA	NA	404.12		2.9	*
2Q18		4/3/2018	NE	42.12	NA	NA	NA	403.08		0.0	*
3Q18		7/2/2018	NE	42.86	NA	NA	NA	402.34		0.0	*
4Q18		10/1/2018	NE	42.91	NA	NA	NA	402.29		0.0	*
1Q19		1/3/2019	NE	42.85	NA	NA	NA	402.35		0.0	*
2Q19		4/1/2019	NE	42.90	NA	NA	NA	402.30		0.0	*
3Q19	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	*
MW 10											
1Q17	445.03	1/16/2017	NE	39.88	NA	NA	NA	405.15	400.60 - 390.60 (44.43 - 54.43)	0.0	*
2Q17		4/3/2017	NE	40.32	NA	NA	NA	404.71		0.0	*
3Q17		7/5/2017	NE	38.95	NA	NA	NA	406.08		0.0	*
4Q17		10/2/2017	NE	39.06	NA	NA	NA	405.97		0.3	*
1Q18		1/2/2018	NE	40.94	NA	NA	NA	404.09		6.9	*
2Q18		4/2/2018	NE	42.10	NA	NA	NA	402.93		0.0	*
3Q18		7/2/2018	NE	42.94	NA	NA	NA	402.09		0.0	*
4Q18		10/2/2018	NE	43.08	NA	NA	NA	401.95		0.0	*
1Q19		1/2/2019	NE	43.02	NA	NA	NA	402.01		0.0	*
2Q19		4/1/2019	NE	43.20	NA	NA	NA	401.83		5.3	*
3Q19	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	*
MW 11											
1Q17	442.33	1/16/2017	NE	37.63	NA	NA	NA	404.70	400.67 - 390.67 (41.66 - 51.66)	0.0	*
2Q17		4/3/2017	NE	38.10	NA	NA	NA	404.23		0.0	*
3Q17		7/5/2017	NE	36.46	NA	NA	NA	405.87		0.0	*
4Q17		10/2/2017	NE	36.69	NA	NA	NA	405.64		0.0	*
1Q18		1/2/2018	NE	38.93	NA	NA	NA	403.40		0.6	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	402.40		0.0	*
3Q18		7/2/2018	NE	40.59	NA	NA	NA	401.74		0.0	*
4Q18		10/1/2018	NE	40.58	NA	NA	NA	401.75		0.0	*
1Q19		1/3/2019	NE	40.46	NA	NA	NA	401.67		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	*
MW 12											
1Q17	442.60	1/16/2017	NE	38.11	NA	NA	NA	404.49	400.68 - 390.68 (41.92 - 51.92)	1.2	*
2Q17		4/3/2017	NE	38.56	NA	NA	NA	404.04		0.0	*
3Q17		7/5/2017	NE	36.84	NA	NA	NA	405.76		8.1	*
4Q17		10/2/2017	NE	37.24	NA	NA	NA	405.36		0.0	*
1Q18		1/2/2018	NE	39.55	NA	NA	NA	403.05		0.8	*
2Q18		4/3/2018	NE	40.38	NA	NA	NA	402.22		0.0	*
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.60		0.0	*
4Q18		10/1/2018	NE	40.94	NA	NA	NA	401.66		0.0	*
1Q19		1/2/2019	NE	40.70	NA	NA	NA	401.90		0.0	*
2Q19		4/1/2019	NE	40.72	NA	NA	NA	401.88		0.0	*
3Q19	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	*

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 13											
1Q17	430.27	1/17/2017	NE	25.54	NA	NA	NA	404.73	404.70 - 394.70 (25.57 - 35.57)	20.6	*
2Q17		4/5/2017	NE	25.90	NA	NA	NA	404.37		98.7	
3Q17		7/6/2017	NE	23.67	NA	NA	NA	406.60		162	*
4Q17		10/2/2017	NE	24.95	NA	NA	NA	405.32		69.1	*
1Q18		1/3/2018	NE	26.97	NA	NA	NA	403.30		65.2	
2Q18		4/4/2018	NE	27.92	NA	NA	NA	402.35	0.0		
3Q18		7/3/2018	NE	27.67	NA	NA	NA	402.60	0.0		
4Q18		10/2/2018	NE	27.56	NA	NA	NA	402.71	4398		
1Q19		1/3/2019	NE	27.27	NA	NA	NA	403.00	231		
2Q19		4/3/2019	NE	27.03	NA	NA	NA	403.24	3.0		
3Q19	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	*
MW 14											
1Q17	434.44	1/17/2017	NE	29.61	NA	NA	NA	404.83	401.02 - 391.02 (33.42 - 43.42)	71.0	*
2Q17		4/4/2017	NE	29.91	NA	NA	NA	404.53		84.4	*
3Q17		7/6/2017	NE	28.34	NA	NA	NA	406.10		35.3	*
4Q17		10/3/2017	NE	29.24	NA	NA	NA	405.20		160	*
1Q18		1/4/2018	NE	31.23	NA	NA	NA	403.21		45.2	*
2Q18		4/4/2018	NE	32.17	NA	NA	NA	402.27		40.7	*
3Q18		7/2/2018	NE	32.19	NA	NA	NA	402.25		82.8	*
4Q18		10/3/2018	NE	32.07	NA	NA	NA	402.37		12.0	*
1Q19		1/4/2019	NE	31.78	NA	NA	NA	402.66		73.4	*
2Q19		4/2/2019	NE	31.52	NA	NA	NA	402.92		400	*
3Q19	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	*
MW 16											
1Q17	443.39	1/16/2017	NE	39.15	NA	NA	NA	404.24	406.33 - 396.33 (37.06 - 47.06)	0.1	
2Q17		4/3/2017	NE	39.51	NA	NA	NA	403.88		0.0	
3Q17		7/5/2017	NE	38.18	NA	NA	NA	405.21		4.6	
4Q17		10/2/2017	NE	38.15	NA	NA	NA	405.24		0.0	
1Q18		1/2/2018	NE	40.68	NA	NA	NA	402.71		0.8	
2Q18		4/3/2018	NE	41.42	NA	NA	NA	401.97	0.0		
3Q18		7/2/2018	NE	42.33	NA	NA	NA	401.06	0.0		
4Q18		10/1/2018	NE	42.27	NA	NA	NA	401.12	0.0		
1Q19		1/11/2019	NE	42.10	NA	NA	NA	401.29	0.0		
2Q19		4/1/2019	NE	42.11	NA	NA	NA	401.28	0.0		
3Q19	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	*
MW 17											
1Q17	441.57	1/16/2017	NE	37.42	NA	NA	NA	404.15	407.28 - 392.28 (34.29 - 49.29)	144	
2Q17		4/3/2017	NE	37.62	NA	NA	NA	403.95		0.0	
3Q17		7/5/2017	NE	36.74	NA	NA	NA	404.83		0.0	
4Q17		10/2/2017	NE	36.03	NA	NA	NA	405.54		0.0	
1Q18		1/3/2018	NE	38.79	NA	NA	NA	402.78		362	PID data from 1/2/2018
2Q18		4/2/2018	NE	39.67	NA	NA	NA	401.90		0.0	
3Q18		7/2/2018	NE	40.82	NA	NA	NA	400.75		0.0	
4Q18		10/1/2018	NE	40.78	NA	NA	NA	400.79		0.0	
1Q19		1/3/2019	NE	40.54	NA	NA	NA	401.03		0.0	
2Q19		4/1/2019	NE	40.63	NA	NA	NA	400.94		0.0	
3Q19	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	
MW 18											
1Q17	442.04	1/16/2017	NE	38.08	NA	NA	NA	403.96	407.12 - 392.12 (34.92 - 49.92)	2.5	
2Q17		4/3/2017	NE	38.19	NA	NA	NA	403.85		0.0	
3Q17		7/5/2017	NE	37.38	NA	NA	NA	404.66		0.0	
4Q17		10/2/2017	NE	36.62	NA	NA	NA	405.42		0.0	
1Q18		1/2/2018	NE	39.73	NA	NA	NA	402.31		3.2	
2Q18		4/2/2018	NE	40.34	NA	NA	NA	401.70		0.0	
3Q18		7/2/2018	NE	41.47	NA	NA	NA	400.57		0.0	
4Q18		10/1/2018	NE	41.43	NA	NA	NA	400.61		0.0	
1Q19		1/2/2019	NE	41.13	NA	NA	NA	400.91		0.0	
2Q19		4/1/2019	NE	41.29	NA	NA	NA	400.75		0.0	
3Q19	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	

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											
1Q17	442.77	1/16/2017	NE	38.72	NA	NA	NA	404.05	406.43 - 391.43 (36.34 - 51.34)	5.6	
2Q17		4/3/2017	NE	38.93	NA	NA	NA	403.84		0.0	
3Q17		7/5/2017	NE	37.93	NA	NA	NA	404.84		0.0	
4Q17		10/2/2017	NE	37.51	NA	NA	NA	405.26		0.0	
1Q18		1/4/2018	NE	40.32	NA	NA	NA	402.45		43.8	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.90	NA	NA	NA	401.87		0.0	
3Q18		7/2/2018	NE	42.08	NA	NA	NA	400.69		0.0	
4Q18		10/1/2018	NE	42.04	NA	NA	NA	400.73		0.1	
1Q19		1/2/2019	NE	41.76	NA	NA	NA	401.01		0.0	
2Q19		4/1/2019	NE	41.92	NA	NA	NA	400.85		0.0	
3Q19	442.98	7/1/2019	NE	37.88	NA	NA	NA	405.10	0.0		
4Q19		10/2/2019	NE	36.49	NA	NA	NA	406.49	22.5		
MW 20											
1Q17	443.67	1/16/2017	NE	39.54	NA	NA	NA	404.13	407.79 - 392.79 (35.88 - 50.88)	0.1	
2Q17		4/3/2017	NE	39.93	NA	NA	NA	403.74		0.0	
3Q17		7/5/2017	NE	38.69	NA	NA	NA	404.98		38.7	
4Q17		10/2/2017	NE	38.64	NA	NA	NA	405.03		0.0	
1Q18		1/3/2018	NE	41.03	NA	NA	NA	402.64		27.0	PID data from 1/2/2018
2Q18		4/3/2018	NE	41.76	NA	NA	NA	401.91		0.0	
3Q18		7/2/2018	NE	42.88	NA	NA	NA	400.79		0.0	
4Q18		10/2/2018	NE	42.77	NA	NA	NA	400.90		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.12		0.0	
2Q19		4/1/2019	NE	42.62	NA	NA	NA	401.05		0.0	
3Q19	443.86	7/1/2019	NE	38.56	NA	NA	NA	405.30	0.0		
4Q19		10/2/2019	NE	37.22	NA	NA	NA	406.64	0.0		
MW 21											
1Q17	443.81	1/16/2017	NE	39.68	NA	NA	NA	404.13	408.80 - 393.80 (35.01 - 50.01)	0.2	
2Q17		4/3/2017	NE	39.95	NA	NA	NA	403.86		0.0	
3Q17		7/5/2017	NE	38.74	NA	NA	NA	405.07		0.0	
4Q17		10/2/2017	NE	39.12	NA	NA	NA	404.69		0.0	
1Q18		1/2/2018	NE	41.44	NA	NA	NA	402.37		2.0	
2Q18		4/3/2018	NE	41.98	NA	NA	NA	401.83		0.1	
3Q18		7/2/2018	NE	42.74	NA	NA	NA	401.07		0.0	
4Q18		10/2/2018	NE	42.70	NA	NA	NA	401.11		8.7	
1Q19		1/2/2019	NE	42.42	NA	NA	NA	401.39		0.0	
2Q19		4/1/2019	NE	42.39	NA	NA	NA	401.42		0.0	
3Q19	444.01	7/1/2019	NE	38.11	NA	NA	NA	405.90	0.6		
4Q19		10/1/2019	NE	37.05	NA	NA	NA	406.96	0.0		
MW 22											
1Q17	442.16	1/16/2017	NE	37.80	NA	NA	NA	404.36	404.28 - 394.28 (37.88 - 47.88)	84.4	*
2Q17		4/3/2017	NE	38.20	NA	NA	NA	403.96		4.7	
3Q17		7/5/2017	NE	36.89	NA	NA	NA	405.27		16.5	*
4Q17		10/2/2017	NE	36.74	NA	NA	NA	405.42		8.1	*
1Q18		1/3/2018	NE	39.14	NA	NA	NA	403.02		10.1	PID data from 1/2/2018
2Q18		4/3/2018	NE	40.01	NA	NA	NA	402.15		0.0	
3Q18		7/2/2018	NE	41.00	NA	NA	NA	401.16		0.0	
4Q18		10/2/2018	NE	40.96	NA	NA	NA	401.20		0.0	
1Q19		1/9/2019	NE	40.91	NA	NA	NA	401.25		0.0	
2Q19		4/2/2019	NE	40.79	NA	NA	NA	401.37		0.0	
3Q19	442.38	7/1/2019	NM	NM	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	*	
MW 23											
1Q17	431.41	1/16/2017	NE	26.83	NA	NA	NA	404.58	402.39 - 392.39 (29.02 - 39.02)	0.7	*
2Q17		4/3/2017	NE	27.40	NA	NA	NA	404.01		0.2	*
3Q17		7/5/2017	NE	25.08	NA	NA	NA	406.33		0.5	*
4Q17		10/2/2017	NE	26.35	NA	NA	NA	405.06		0.0	*
1Q18		1/2/2018	NE	28.34	NA	NA	NA	403.07		0.6	*
2Q18		4/2/2018	NE	29.20	NA	NA	NA	402.21		36.4	
3Q18		7/2/2018	NE	29.19	NA	NA	NA	402.22		0.0	
4Q18		10/1/2018	NE	29.08	NA	NA	NA	402.33		0.0	
1Q19		1/3/2019	NE	28.81	NA	NA	NA	402.60		0.0	*
2Q19		4/2/2019	NE	28.49	NA	NA	NA	402.92		0.0	*
3Q19	431.57	7/1/2019	NE	23.34	NA	NA	NA	408.23	1.2	*	
4Q19		10/1/2019	NE	23.30	NA	NA	NA	408.27	0.1	*	

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 24											
1Q17	443.42	1/16/2017	NE	38.97	NA	NA	NA	404.45	404.53 - 394.53 (38.89 - 48.89)	11.2	
2Q17		4/3/2017	NE	39.45	NA	NA	NA	403.97		0.8	
3Q17		7/5/2017	NE	37.75	NA	NA	NA	405.67		3.6	*
4Q17		10/2/2017	NE	38.03	NA	NA	NA	405.39		0.0	*
1Q18		1/3/2018	NE	40.22	NA	NA	NA	403.20	0.5	PID data from 1/2/2018	
2Q18		4/3/2018	NE	41.17	NA	NA	NA	402.25	0.2		
3Q18		7/2/2018	NE	41.86	NA	NA	NA	401.56	0.0		
4Q18		10/1/2018	NE	41.83	NA	NA	NA	401.59	1.8		
1Q19		1/2/2019	NE	41.63	NA	NA	NA	401.79	0.0		
2Q19		4/1/2019	NE	41.70	NA	NA	NA	401.72	0.0		
3Q19	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	*
MW 25											
1Q17	438.35	1/16/2017	NE	34.00	NA	NA	NA	404.35	402.76 - 392.76 (35.59 - 45.59)	42.6	*
2Q17		4/3/2017	NE	34.33	NA	NA	NA	404.02		83.6	*
3Q17		7/5/2017	NE	32.77	NA	NA	NA	405.58		61.9	*
4Q17		10/2/2017	NE	33.40	NA	NA	NA	404.95		1999	*
1Q18		1/3/2018	NE	35.51	NA	NA	NA	402.84		69.2	*
2Q18		4/2/2018	NE	36.44	NA	NA	NA	401.91		110	
3Q18		7/2/2018	NE	36.82	NA	NA	NA	401.53		0.5	
4Q18		10/2/2018	NE	36.75	NA	NA	NA	401.60		3.9	
1Q19		1/2/2019	NE	36.47	NA	NA	NA	401.88		44.7	
2Q19		4/1/2019	NE	36.36	NA	NA	NA	401.99		150	
3Q19	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	*
MW 26											
1Q17	441.02	1/16/2017	NE	36.74	NA	NA	NA	404.28	402.87 - 392.87 (38.15 - 48.15)	0.2	*
2Q17		4/3/2017	NE	37.09	NA	NA	NA	403.93		0.0	*
3Q17		7/5/2017	NE	35.60	NA	NA	NA	405.42		0.0	*
4Q17		10/2/2017	NE	36.05	NA	NA	NA	404.97		0.0	*
1Q18		1/2/2018	NE	38.33	NA	NA	NA	402.69		5.0	
2Q18		4/4/2018	NE	39.35	NA	NA	NA	401.67		0.0	
3Q18		7/2/2018	NE	39.71	NA	NA	NA	401.31		0.2	
4Q18		10/1/2018	NE	39.60	NA	NA	NA	401.42		0.0	
1Q19		1/2/2019	NE	39.38	NA	NA	NA	401.64		0.0	
2Q19		4/1/2019	NE	39.30	NA	NA	NA	401.72		0.0	
3Q19	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	*
MW 27											
1Q17	443.40	1/16/2017	NE	38.05	NA	NA	NA	405.35	403.61 - 393.61 (39.79 - 49.79)	0.4	*
2Q17		4/3/2017	NE	38.58	NA	NA	NA	404.82		0.0	*
3Q17		7/5/2017	NE	37.35	NA	NA	NA	406.05		0.0	*
4Q17		10/3/2017	NE	37.25	NA	NA	NA	406.15		0.0	*
1Q18		1/2/2018	NE	38.78	NA	NA	NA	404.62		1.7	*
2Q18		4/3/2018	NE	40.19	NA	NA	NA	403.21		0.0	
3Q18		7/2/2018	NE	41.16	NA	NA	NA	402.24		0.0	
4Q18		10/1/2018	NE	41.11	NA	NA	NA	402.29		0.0	
1Q19		1/3/2019	NE	40.99	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	41.26	NA	NA	NA	402.14		0.0	
3Q19	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	*
MW 28											
1Q17	443.34	1/16/2017	NE	37.14	NA	NA	NA	406.20	409.73 - 399.73 (33.61 - 43.61)	7.2	
2Q17		4/3/2017	NE	37.78	NA	NA	NA	405.56		0.0	
3Q17		7/5/2017	NE	36.63	NA	NA	NA	406.71		0.0	
4Q17		10/2/2017	NE	36.61	NA	NA	NA	406.73		0.1	
1Q18		1/2/2018	NE	37.96	NA	NA	NA	405.38		0.9	
2Q18		4/3/2018	NE	39.39	NA	NA	NA	403.95		0.0	
3Q18		7/2/2018	NE	40.14	NA	NA	NA	403.20		0.0	
4Q18		10/1/2018	NE	40.18	NA	NA	NA	403.16		0.0	
1Q19		1/3/2019	NE	40.20	NA	NA	NA	403.14		0.0	
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.88		0.0	
3Q19	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	

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 01											
1Q17	442.73	1/17/2017	NE	29.46	NA	NA	NA	413.27	380.78 - 375.78 (61.95 - 66.95)	0.0	*
2Q17		4/4/2017	NE	30.25	NA	NA	NA	412.48		0.0	*
3Q17		7/5/2017	NE	26.73	NA	NA	NA	416.00		0.0	*
4Q17		10/3/2017	NE	28.94	NA	NA	NA	413.79		0.0	*
1Q18		1/4/2018	NE	30.05	NA	NA	NA	412.68		0.0	*
2Q18		4/4/2018	NE	30.60	NA	NA	NA	412.13	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	*
P 4U											
1Q17	442.54	1/17/2017	NE	30.53	NA	NA	NA	412.01	361.39 - 359.39 (81.15 - 83.15)	0.0	*
2Q17		4/4/2017	NE	31.39	NA	NA	NA	411.15		0.0	*
3Q17		7/5/2017	NE	28.12	NA	NA	NA	414.42		5.3	*
4Q17		10/3/2017	NE	30.04	NA	NA	NA	412.50		0.0	*
1Q18		1/4/2018	NE	31.25	NA	NA	NA	411.29		0.0	*
2Q18		4/4/2018	NE	32.40	NA	NA	NA	410.14		0.0	*
3Q18		7/3/2018	NE	32.61	NA	NA	NA	409.93		0.0	*
4Q18		10/3/2018	NE	33.25	NA	NA	NA	409.29		0.0	*
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.09		0.0	*
2Q19		4/3/2019	NE	34.06	NA	NA	NA	408.48		0.0	*
3Q19	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	*
P 5L											
1Q17	443.84	1/17/2017	NE	30.59	NA	NA	NA	413.25	303.44 - 301.44 (140.40 - 142.40)	0.0	*
2Q17		4/4/2017	NE	31.52	NA	NA	NA	412.32		0.0	*
3Q17		7/5/2017	NE	27.33	NA	NA	NA	416.51		2.1	*
4Q17		10/3/2017	NE	30.23	NA	NA	NA	413.61		0.0	*
1Q18		1/3/2018	NE	31.43	NA	NA	NA	412.41		0.0	*
2Q18		4/3/2018	NE	31.85	NA	NA	NA	411.99		0.0	*
3Q18		7/3/2018	NE	32.59	NA	NA	NA	411.25		0.0	*
4Q18		10/3/2018	NE	33.59	NA	NA	NA	410.25		0.0	*
1Q19		1/4/2019	NE	34.93	NA	NA	NA	408.91		0.0	*
2Q19		4/3/2019	NE	34.05	NA	NA	NA	409.79		0.0	*
3Q19	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	*
P 5U											
1Q17	444.24	1/17/2017	NE	31.81	NA	NA	NA	412.43	313.61 - 311.61 (130.63 - 132.63)	0.0	*
2Q17		4/4/2017	NE	32.69	NA	NA	NA	411.55		0.0	*
3Q17		7/5/2017	NE	29.11	NA	NA	NA	415.13		0.0	*
4Q17		10/3/2017	NE	31.40	NA	NA	NA	412.84		0.0	*
1Q18		1/3/2018	NE	32.44	NA	NA	NA	411.80		0.1	*
2Q18		4/3/2018	NE	33.14	NA	NA	NA	411.10		0.0	*
3Q18		7/3/2018	NE	33.86	NA	NA	NA	410.38		0.0	*
4Q18		10/3/2018	NE	34.77	NA	NA	NA	409.47		0.0	*
1Q19		1/4/2019	NE	36.21	NA	NA	NA	408.03		0.0	*
2Q19		4/3/2019	NE	35.29	NA	NA	NA	408.95		0.0	*
3Q19	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	*
P 6U											
1Q17	443.45	1/17/2017	NE	31.19	NA	NA	NA	412.26	362.95 - 360.95 (80.50 - 82.50)	0.0	*
2Q17		4/4/2017	NE	32.11	NA	NA	NA	411.34		0.0	*
3Q17		7/5/2017	NE	28.50	NA	NA	NA	414.95		0.6	*
4Q17		10/3/2017	NE	31.82	NA	NA	NA	411.63		0.0	*
1Q18		1/4/2018	NE	32.14	NA	NA	NA	411.31		0.0	*
2Q18		4/3/2018	NE	32.69	NA	NA	NA	410.76		0.0	*
3Q18		7/3/2018	NE	33.39	NA	NA	NA	410.06		0.0	*
4Q18		10/3/2018	NE	34.06	NA	NA	NA	409.39		0.0	*
1Q19		1/4/2019	NE	35.37	NA	NA	NA	408.08		0.0	*
2Q19		4/3/2019	NE	35.00	NA	NA	NA	408.45		0.0	*
3Q19	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	*

**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											
1Q17	443.91	1/17/2017	NE	31.43	NA	NA	NA	412.48	382.83 - 380.83 (61.08 - 63.08)	0.0	*
2Q17		4/4/2017	NE	32.37	NA	NA	NA	411.54		0.1	*
3Q17		7/5/2017	NE	28.52	NA	NA	NA	415.39		5.3	*
4Q17		10/3/2017	NE	31.10	NA	NA	NA	412.61		0.0	*
1Q18		1/3/2018	NE	32.38	NA	NA	NA	411.53		0.0	*
2Q18		4/3/2018	NE	33.01	NA	NA	NA	410.90		0.0	*
3Q18		7/3/2018	NE	33.65	NA	NA	NA	410.26		0.0	*
4Q18		10/3/2018	NE	34.39	NA	NA	NA	409.52		0.0	*
1Q19		1/4/2019	NE	35.76	NA	NA	NA	408.15		0.0	*
2Q19		4/3/2019	NE	35.25	NA	NA	NA	408.66		0.0	*
3Q19	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	*
P 8U											
1Q17	441.85	1/17/2017	NE	31.42	NA	NA	NA	410.43	382.33 - 380.33 (59.52 - 61.52)	0.0	*
2Q17		4/3/2017	NE	31.88	NA	NA	NA	409.97		0.0	*
3Q17		7/6/2017	NE	29.86	NA	NA	NA	411.99		0.0	*
4Q17		10/3/2017	NE	30.85	NA	NA	NA	411.00		1.6	*
1Q18		1/4/2018	NE	32.20	NA	NA	NA	409.65		83.5	*
2Q18		4/3/2018	NE	33.13	NA	NA	NA	408.72		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	*
P 9U											
1Q17	445.04	1/17/2017	NE	35.97	NA	NA	NA	409.07	344.45 - 342.45 (100.59 - 102.59)	0.0	*
2Q17		4/3/2017	NE	36.30	NA	NA	NA	408.74		0.0	*
3Q17		7/6/2017	NE	34.22	NA	NA	NA	410.82		0.0	*
4Q17		10/3/2017	NE	35.39	NA	NA	NA	409.65		0.0	*
1Q18		1/4/2018	NE	36.60	NA	NA	NA	408.44		40.5	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	38.51	NA	NA	NA	406.53		0.0	*
4Q18		10/2/2018	NE	39.11	NA	NA	NA	405.93		0.0	*
1Q19		1/3/2019	NE	40.12	NA	NA	NA	404.92		0.0	*
2Q19		4/2/2019	NE	40.14	NA	NA	NA	404.90		0.0	*
3Q19	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	*
P 11L											
1Q17	442.55	1/17/2017	NE	32.26	NA	NA	NA	410.29	332.34 - 330.34 (110.21 - 112.21)	0.0	*
2Q17		4/4/2017	NE	33.01	NA	NA	NA	409.54		0.0	*
3Q17		7/6/2017	NE	31.05	NA	NA	NA	411.50		0.0	*
4Q17		10/3/2017	NE	31.66	NA	NA	NA	410.89		0.0	*
1Q18		1/4/2018	NE	32.83	NA	NA	NA	409.72		0.0	*
2Q18		4/3/2018	NE	33.92	NA	NA	NA	408.63		0.0	*
3Q18		7/3/2018	NE	34.66	NA	NA	NA	407.89		0.0	*
4Q18		10/2/2018	NE	35.08	NA	NA	NA	407.47		0.0	*
1Q19		1/4/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
2Q19		4/3/2019	NE	36.07	NA	NA	NA	406.48		0.0	*
3Q19	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	*
P 11U											
1Q17	443.17	1/17/2017	NE	32.90	NA	NA	NA	410.27	343.25 - 341.25 (99.92 - 101.92)	0.0	*
2Q17		4/4/2017	NE	33.61	NA	NA	NA	409.56		0.7	*
3Q17		7/6/2017	NE	31.65	NA	NA	NA	411.52		0.0	*
4Q17		10/3/2017	NE	32.27	NA	NA	NA	410.90		0.0	*
1Q18		1/4/2018	NE	33.45	NA	NA	NA	409.72		3.8	*
2Q18		4/3/2018	NE	34.50	NA	NA	NA	408.67		0.0	*
3Q18		7/3/2018	NE	35.25	NA	NA	NA	407.92		0.0	*
4Q18		10/2/2018	NE	35.68	NA	NA	NA	407.49		0.0	*
1Q19		1/4/2019	NE	36.73	NA	NA	NA	406.44		0.0	*
2Q19		4/3/2019	NE	36.67	NA	NA	NA	406.50		0.0	*
3Q19	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	*

**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											
1Q17	442.74	1/17/2017	NE	29.55	NA	NA	NA	413.19	395.41 - 385.41 (47.33 - 57.33)	0.0	*
2Q17		4/4/2017	NE	30.33	NA	NA	NA	412.41		0.0	*
3Q17		7/5/2017	NE	26.80	NA	NA	NA	415.94		0.0	*
4Q17		10/3/2017	NE	29.00	NA	NA	NA	413.74		0.0	*
1Q18		1/4/2018	NE	30.12	NA	NA	NA	412.62		0.0	*
2Q18		4/4/2018	NE	30.69	NA	NA	NA	412.05	395.27 - 385.27 (47.47 - 57.47)	0.0	*
3Q18		7/3/2018	NE	31.10	NA	NA	NA	411.64		0.0	*
4Q18		10/3/2018	NE	32.01	NA	NA	NA	410.73		0.0	*
1Q19		1/3/2019	NE	33.34	NA	NA	NA	409.40		0.0	*
2Q19		4/3/2019	NE	32.33	NA	NA	NA	410.41		0.0	*
3Q19	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	*
P 15											
1Q17	443.69	1/17/2017	NE	31.20	NA	NA	NA	412.49	398.24 - 388.24 (45.45 - 55.45)	0.0	*
2Q17		4/4/2017	NE	32.12	NA	NA	NA	411.57		0.0	*
3Q17		7/5/2017	NE	28.75	NA	NA	NA	414.94		1.6	*
4Q17		10/3/2017	NE	30.70	NA	NA	NA	412.99		0.0	*
1Q18		1/4/2018	NE	31.93	NA	NA	NA	411.76		0.0	*
2Q18		4/4/2018	NE	33.19	NA	NA	NA	410.50		0.0	*
3Q18		7/3/2018	NE	33.28	NA	NA	NA	410.41		0.0	*
4Q18		10/3/2018	NE	33.86	NA	NA	NA	409.83		0.0	*
1Q19		1/4/2019	NE	35.10	NA	NA	NA	408.59		0.0	*
2Q19		4/3/2019	NE	34.75	NA	NA	NA	408.94		0.0	*
3Q19	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	*
P 16											
1Q17	442.68	1/17/2017	NE	30.08	NA	NA	NA	412.60	396.94 - 386.94 (45.74 - 55.74)	0.0	*
2Q17		4/4/2017	NE	30.99	NA	NA	NA	411.69		0.0	*
3Q17		7/5/2017	NE	27.40	NA	NA	NA	415.28		4.2	*
4Q17		10/3/2017	NE	29.75	NA	NA	NA	412.93		0.0	*
1Q18		1/4/2018	NE	31.07	NA	NA	NA	411.61		0.0	*
2Q18		4/3/2018	NE	31.66	NA	NA	NA	411.02		0.0	*
3Q18		7/3/2018	NE	32.29	NA	NA	NA	410.39		0.0	*
4Q18		10/3/2018	NE	32.99	NA	NA	NA	409.69		0.0	*
1Q19		1/4/2019	NE	34.28	NA	NA	NA	408.40		0.0	*
2Q19		4/3/2019	NE	33.88	NA	NA	NA	408.80		0.0	*
3Q19	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	*
P 43											
1Q17	444.44	1/17/2017	NE	33.71	NA	NA	NA	410.73	380.88 - 370.88 (63.56 - 73.56)	0.0	*
2Q17		4/4/2017	NE	34.52	NA	NA	NA	409.92		0.0	*
3Q17		7/5/2017	NE	31.87	NA	NA	NA	412.57		0.0	*
4Q17		10/3/2017	NE	33.15	NA	NA	NA	411.29		0.0	*
1Q18		1/4/2018	NE	34.34	NA	NA	NA	410.10		0.0	*
2Q18		4/3/2018	NE	35.37	NA	NA	NA	409.07		0.0	*
3Q18		7/3/2018	NE	36.11	NA	NA	NA	408.33		0.0	*
4Q18		10/2/2018	NE	36.53	NA	NA	NA	407.91		0.0	*
1Q19		1/4/2019	NE	37.59	NA	NA	NA	406.65		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	*
P 53											
1Q17	446.41	1/16/2017	NE	39.63	NA	NA	NA	406.78	407.91 - 382.91 (38.50 - 63.50)	5.8	
2Q17		4/3/2017	NE	40.04	NA	NA	NA	406.37		0.0	
3Q17		7/5/2017	NE	38.70	NA	NA	NA	407.71		0.0	
4Q17		10/3/2017	NE	38.92	NA	NA	NA	407.49		0.0	
1Q18		1/2/2018	NE	40.11	NA	NA	NA	406.30		0.5	
2Q18		4/3/2018	NE	41.38	NA	NA	NA	405.03		0.0	
3Q18		7/2/2018	NE	42.12	NA	NA	NA	404.29		0.0	
4Q18		10/2/2018	NE	42.54	NA	NA	NA	403.87		0.0	
1Q19		1/3/2019	NE	42.64	NA	NA	NA	403.77		0.0	
2Q19		4/1/2019	NE	42.79	NA	NA	NA	403.62		0.0	
3Q19	446.57	7/1/2019	NE	40.33	NA	NA	NA	406.24	407.91 - 382.91 (38.50 - 63.50)	0.0	
4Q19		10/1/2019	NE	38.69	NA	NA	NA	407.88		0.0	*

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

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev. (ft btoc)	WELL HEAD PID (ppm)	Comments		
P 54													
1Q17	442.32	1/16/2017	NE	37.80	NA	NA	NA	404.52	404.32 - 379.32 (38.00 - 63.00)	0.2	*		
2Q17		4/3/2017	NE	38.28	NA	NA	NA	404.04		0.0			
3Q17		7/5/2017	NE	36.41	NA	NA	NA	405.91		0.0	*		
4Q17		10/2/2017	NE	36.88	NA	NA	NA	405.44		0.0	*		
1Q18		1/2/2018	NE	39.02	NA	NA	NA	403.30		0.4			
2Q18		4/3/2018	NE	39.94	NA	NA	NA	402.38		0.0			
3Q18		7/2/2018	NE	40.51	NA	NA	NA	401.81		0.0			
4Q18		10/2/2018	NE	40.50	NA	NA	NA	401.82		0.0			
1Q19		1/2/2019	NE	40.29	NA	NA	NA	402.03		0.0			
2Q19		4/1/2019	NE	40.36	NA	NA	NA	401.96		0.0			
3Q19	442.52	7/1/2019	NE	35.96	NA	NA	NA	406.56	404.52 - 379.52 (38.00 - 63.00)	0.0	*		
4Q19		10/1/2019	NE	35.07	NA	NA	NA	407.45		0.0	*		
P 55R													
1Q17	443.79	1/16/2017		38.82	39.30	404.49	404.97	0.48	404.87	403.36 - 393.36 (40.43 - 50.43)	133	*	
2Q17		4/3/2017		39.06	39.34	404.45	404.73	0.28	404.67		155	*	
3Q17		7/5/2017		37.88	37.97	405.82	405.91	0.09	405.89		162	*	
4Q17		10/2/2017		37.81	37.98	405.81	405.98	0.17	405.95		104	*	
1Q18		1/2/2018		40.30	40.38	403.41	403.49	0.08	403.47		260	*	
2Q18		4/2/2018		39.20	41.25	402.54	404.59	2.05	404.18		238	*	
3Q18		7/2/2018		41.51	42.12	401.67	402.28	0.61	402.16		152		
4Q18		10/1/2018		41.49	42.18	401.61	402.30	0.69	402.16		153		
1Q19		1/2/2019		41.84	42.27	401.52	401.95	0.43	401.86		15000		
2Q19		4/1/2019		41.21	41.52	402.27	402.58	0.31	402.52		280		
3Q19	444.01	7/1/2019		37.66	38.16	405.63	406.13	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	*	
P 56													
1Q17	446.14	1/16/2017	NE	42.01	NA	NA	NA	404.13	405.32 - 380.32 (40.82 - 65.82)	180			
2Q17		4/3/2017	NE	42.43	NA	NA	NA	403.71		0.0			
3Q17		7/5/2017	NE	41.18	NA	NA	NA	404.96		0.2			
4Q17		10/2/2017	NE	41.05	NA	NA	NA	405.09		91.2			
1Q18		1/3/2018	NE	43.51	NA	NA	NA	402.63		209			
2Q18		4/3/2018	NE	44.24	NA	NA	NA	401.90		0.0			
3Q18		7/2/2018	NE	45.34	NA	NA	NA	400.80		0.0			
4Q18		10/1/2018	NE	45.27	NA	NA	NA	400.87		0.0			
1Q19		1/2/2019	NE	45.11	NA	NA	NA	401.03		0.0			
2Q19		4/1/2019	NE	45.07	NA	NA	NA	401.07		0.0			
3Q19	446.32	7/1/2019	NE	41.09	NA	NA	NA	405.23	405.50 - 380.50 (40.82 - 65.82)	0.1			
4Q19		10/1/2019	NE	39.72	NA	NA	NA	406.60		109	*		
P 57													
1Q17	446.96	1/16/2017	NE	42.89	NA	NA	NA	404.07	402.77 - 392.77 (44.19 - 54.19)	135	*		
2Q17		4/3/2017	NE	43.21	NA	NA	NA	403.75		140	*		
3Q17		7/5/2017	NE	41.92	NA	NA	NA	405.04		132	*		
4Q17		10/2/2017	NE	42.35	NA	NA	NA	404.61		47.2	*		
1Q18		1/2/2018	NE	44.59	NA	NA	NA	402.37		190			
2Q18		4/3/2018	NE	45.10	NA	NA	NA	401.86		1.3			
3Q18		7/2/2018	NE	45.89	NA	NA	NA	401.07		1.7			
4Q18		10/2/2018	NE	45.86	NA	NA	NA	401.10		0.2			
1Q19		1/2/2019	NE	45.66	NA	NA	NA	401.30		0.0			
2Q19		4/1/2019	NE	45.49	NA	NA	NA	401.47		0.0			
3Q19	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	*		
P 58													
1Q17	444.94	1/16/2017	NE	40.78	NA	NA	NA	404.16	404.73 - 379.73 (40.21 - 65.21)	135			
2Q17		4/3/2017	NE	40.91	NA	NA	NA	404.03		0.0			
3Q17		7/5/2017	NE	39.81	NA	NA	NA	405.13		11.4	*		
4Q17		10/2/2017		40.32	40.35	404.59	404.62	0.03		404.61	5.1		
1Q18		1/2/2018		42.53	42.55	402.39	402.41	0.02		402.41	180		
2Q18		4/2/2018		NE	43.19	NA	NA	NA		401.75	0.0		
3Q18		7/2/2018		NE	43.70	NA	NA	NA		401.24	0.0		
4Q18		10/1/2018		NE	43.63	43.64	401.30	401.31		0.01	401.31	0.0	
1Q19		1/2/2019		NE	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	*	

**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 59												
1Q17	446.86	1/16/2017	NE	42.83	NA	NA	NA	404.03	398.95 - 373.95 (47.91 - 72.91)	221	*	
2Q17		4/3/2017	NE	43.06	NA	NA	NA	403.80		359	*	
3Q17		7/5/2017	NE	42.08	NA	NA	NA	404.78		322	*	
4Q17		10/2/2017	NE	41.57	NA	NA	NA	405.29		189	*	
1Q18		1/4/2018	NE	44.44	NA	NA	NA	402.42		3119	*	
2Q18		4/3/2018	NE	44.99	NA	NA	NA	401.87		108	*	
3Q18		7/2/2018	NE	46.26	NA	NA	NA	400.60		214	*	
4Q18		10/1/2018	NE	46.19	NA	NA	NA	400.67		179	*	
1Q19		1/2/2019	NE	45.95	NA	NA	NA	400.91		15000	*	
2Q19		4/1/2019	46.05	46.06	400.80	400.81	0.01	400.81		313	*	
3Q19	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		*		
10/1/2019		NE	40.61	NA	NA	NA	406.46	180		*		
4Q19												
P 60												
1Q17	446.69	1/16/2017		42.25	42.31	404.38	404.44	0.06	404.43	403.24 - 383.24 (43.45 - 63.45)	59.7	*
2Q17		4/3/2017		42.49	42.52	404.17	404.20	0.03	404.19		43.2	*
3Q17		7/5/2017		41.49	41.51	405.18	405.20	0.02	405.20		15.0	*
4Q17		10/2/2017		41.12	41.15	405.54	405.57	0.03	405.56		34.9	*
1Q18		1/2/2018		43.54	43.56	403.13	403.15	0.02	403.15		118	*
2Q18		4/3/2018	NE	44.25	NA	NA	NA	NA	402.44		15.6	*
3Q18		7/2/2018		45.61	45.62	401.07	401.08	0.01	401.08		40.7	*
4Q18		10/1/2018		45.61	45.63	401.06	401.08	0.02	401.08		36.7	*
1Q19		1/2/2019		45.48	45.54	401.15	401.21	0.06	401.20		923	*
2Q19		4/1/2019		45.62	45.63	401.06	401.07	0.01	401.07		83.5	*
3Q19	446.88	7/1/2019	NE	41.98	NA	NA	NA	404.90	402.23 - 382.23 (44.65 - 64.65)	31.7	*	
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	*	
4Q19												
P 61												
1Q17	444.47	1/16/2017	NE	40.19	NA	NA	NA	404.28	398.80 - 373.80 (45.68 - 70.68)	113	*	
2Q17		4/3/2017	40.50	40.61	403.86	403.97	0.11	403.95		8.2	*	
3Q17		7/6/2017	39.60	39.71	404.76	404.87	0.11	404.85		935	*	
4Q17		10/2/2017	39.43	39.61	404.86	405.04	0.18	405.00		20.1	*	
1Q18		1/2/2018	41.78	41.84	402.63	402.69	0.06	402.68		313	*	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access	
3Q18		7/2/2018	43.77	44.20	400.27	400.70	0.43	400.61		91.3	*	
4Q18		10/2/2018	43.89	43.93	400.54	400.58	0.04	400.57		237	*	
1Q19		1/3/2019	43.79	43.83	400.64	400.68	0.04	400.67		375	*	
2Q19		4/1/2019	43.80	43.81	400.66	400.67	0.01	400.67		417	*	
3Q19	444.66	7/1/2019	40.39	40.40	404.26	404.27	0.01	404.27	220	*		
10/1/2019		NE	38.74	NA	NA	NA	NA	405.92	68.4	*		
4Q19												
P 62												
1Q17	442.43	1/16/2017	NE	37.81	NA	NA	NA	404.62	400.96 - 375.96 (41.47 - 66.47)	119	*	
2Q17		4/3/2017	38.04	38.13	404.30	404.39	0.09	404.37		188	*	
3Q17		7/5/2017	37.28	37.33	405.10	405.15	0.05	405.14		32.0	*	
4Q17		10/3/2017	37.49	37.52	404.91	404.94	0.03	404.93		201	*	
1Q18		1/3/2018	39.05	39.09	403.34	403.38	0.04	403.37		345	*	
2Q18		4/2/2018	40.03	41.01	401.42	402.40	0.98	402.20		151	*	
3Q18		7/2/2018	41.38	42.49	399.94	401.05	1.11	400.63		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	301	*		
10/1/2019			37.05	37.08	405.52	405.55	0.03	405.54	104	*		
4Q19												
P 63												
1Q17	445.85	1/17/2017		41.58	41.62	404.23	404.27	0.04	404.26	398.56 - 373.56 (47.29 - 72.29)	52.7	*
2Q17		4/3/2017		41.66	41.69	404.16	404.19	0.03	404.18		106	*
3Q17		7/6/2017		40.97	41.01	404.84	404.88	0.04	404.87		208	*
4Q17		10/3/2017		41.32	41.35	404.50	404.53	0.03	404.52		113	*
1Q18		1/3/2018		42.27	42.29	403.56	403.58	0.02	403.58		33.8	*
2Q18		4/4/2018		44.09	44.11	401.74	401.76	0.02	401.76		36.5	*
3Q18		7/3/2018		45.41	45.43	400.42	400.44	0.02	400.44		222	*
4Q18		10/2/2018		45.59	45.62	400.23	400.26	0.03	400.25		70.1	*
1Q19		1/3/2019		45.58	45.61	400.24	400.27	0.03	400.26		68.2	*
2Q19		4/1/2019		45.62	45.65	400.20	400.23	0.03	400.22		852	*
3Q19	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	*	
10/2/2019			41.89	41.92	404.14	404.17	0.03	404.16		5.0	*	
4Q19												

**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											
1Q17	446.89	1/17/2017	NE	42.64	NA	NA	NA	404.25	399.66 - 374.66 (47.23 - 72.23)	399	*
2Q17		4/4/2017	43.10	43.18	403.71	403.79	0.08	403.77		71.8	*
3Q17		7/6/2017	42.09	42.16	404.73	404.80	0.07	404.79		332	*
4Q17		10/3/2017	NE	42.60	NA	NA	NA	404.29		215	*
1Q18		1/3/2018	43.20	43.23	403.66	403.69	0.03	403.68		278	*
2Q18		4/4/2018	45.14	45.19	401.70	401.75	0.05	401.74		184	*
3Q18		7/3/2018	46.69	46.73	400.16	400.20	0.04	400.19		269	*
4Q18		10/2/2018	46.94	46.99	399.90	399.95	0.05	399.94		178	*
1Q19		1/2/2019	47.21	47.53	399.36	399.68	0.32	399.62		2559	*
2Q19		4/1/2019	46.96	47.08	398.81	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	*
P 65											
1Q17	444.60	1/16/2017	NE	40.08	NA	NA	NA	404.52	397.58 - 372.58 (47.02 - 72.02)	7.6	*
2Q17		4/3/2017	NE	40.08	NA	NA	NA	404.52		70.7	*
3Q17		7/6/2017	NE	39.89	NA	NA	NA	404.71		65.6	*
4Q17		10/3/2017	NE	40.14	NA	NA	NA	404.46		83.2	*
1Q18		1/3/2018	NE	41.10	NA	NA	NA	403.50		5.0	*
2Q18		4/4/2018	NE	43.02	NA	NA	NA	401.58		3.5	*
3Q18		7/3/2018	NE	43.58	NA	NA	NA	401.02		24.9	*
4Q18		10/2/2018	NE	43.91	NA	NA	NA	400.69		4.0	*
1Q19		1/3/2019	NE	44.19	NA	NA	NA	400.41		115	*
2Q19		4/1/2019	43.92	43.93	400.67	400.68	0.01	400.68		185	*
3Q19	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	*
P 66											
1Q17	436.81	1/17/2017	NE	32.41	NA	NA	NA	404.40	402.09 - 377.09 (34.72 - 59.72)	88.1	*
2Q17		4/4/2017	NE	32.55	NA	NA	NA	404.26		112	*
3Q17		7/6/2017	NE	31.32	NA	NA	NA	405.49		29.9	*
4Q17		10/2/2017	NE	31.96	NA	NA	NA	404.85		870	*
1Q18		1/4/2018	NE	34.06	NA	NA	NA	402.75		68.7	*
2Q18		4/4/2018	NE	35.12	NA	NA	NA	401.69		3.7	*
3Q18		7/2/2018	NE	35.20	NA	NA	NA	401.61		0.0	*
4Q18		10/3/2018	NE	35.03	NA	NA	NA	401.78		8.0	*
1Q19		1/4/2019	NE	34.75	NA	NA	NA	402.06		1.2	*
2Q19		4/2/2019	NE	34.48	NA	NA	NA	402.33		2.6	*
3Q19	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	*
P 67											
1Q17	444.10	1/17/2017	NE	38.50	NA	NA	NA	405.60	402.12 - 377.12 (41.98 - 66.98)	35.6	*
2Q17		4/4/2017	NE	38.85	NA	NA	NA	405.25		4.3	*
3Q17		7/6/2017	NE	37.52	NA	NA	NA	406.58		4.9	*
4Q17		10/2/2017	NE	38.10	NA	NA	NA	406.00		366	*
1Q18		1/4/2018	39.98	39.99	404.11	404.12	0.01	404.12		36.7	*
2Q18		4/4/2018	NE	41.04	NA	NA	NA	403.06		6.0	*
3Q18		7/2/2018	41.21	41.24	402.86	402.89	0.03	402.88		0.0	*
4Q18		10/3/2018	41.12	41.14	402.96	402.98	0.02	402.98		0.0	*
1Q19		1/4/2019	40.97	41.00	403.10	403.13	0.03	403.12		25.0	*
2Q19		4/2/2019	40.81	40.82	403.28	403.29	0.01	403.29		99.9	*
3Q19	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	*
P 68											
1Q17	445.18	1/16/2017	40.70	40.71	404.47	404.48	0.01	404.48	399.92 - 374.92 (45.26 - 70.26)	101	*
2Q17		4/3/2017	41.02	41.07	404.11	404.16	0.05	404.15		77.8	*
3Q17		7/5/2017	40.10	40.12	405.06	405.08	0.02	405.08		181	*
4Q17		10/2/2017	39.54	39.56	405.62	405.64	0.02	405.64		125	*
1Q18		1/3/2018	42.05	42.07	403.11	403.13	0.02	403.13		137	*
2Q18		4/3/2018	42.89	42.94	402.24	402.29	0.05	402.28		92.0	*
3Q18		7/2/2018	44.25	44.32	400.86	400.93	0.07	400.92		136	*
4Q18		10/2/2018	44.22	44.31	400.87	400.96	0.09	400.94		169	*
1Q19		1/3/2019	44.07	44.26	400.92	401.11	0.19	401.07		187	*
2Q19		4/1/2019	44.21	44.34	400.84	400.97	0.13	400.94		468	*
3Q19	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	*

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

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments	
P 69												
1Q17	443.40	1/16/2017	NE	39.31	NA	NA	NA	404.09	402.58 - 377.58 (40.82 - 65.82)	337	*	
2Q17		4/3/2017	NE	39.55	NA	NA	NA	403.85		66.6	*	
3Q17		7/5/2017	NE	38.76	NA	NA	NA	404.64		142	*	
4Q17		10/2/2017	NE	38.04	NA	NA	NA	405.36		210	*	
1Q18		1/3/2018	NE	40.76	NA	NA	NA	402.64		120	*	
2Q18		4/4/2018	NE	42.00	NA	NA	NA	401.40		0.0		
3Q18		7/2/2018	NE	43.00	NA	NA	NA	400.40		0.0		
4Q18		10/2/2018	NE	42.95	NA	NA	NA	400.45		0.0		
1Q19		1/3/2019	NE	42.80	NA	NA	NA	400.60		0.1		
2Q19		4/1/2019	NE	42.96	NA	NA	NA	400.44		0.0		
3Q19	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	*	
P 70												
1Q17	442.95	1/16/2017		38.52	38.57	404.38	404.43	0.05	404.42	398.28 - 373.28 (44.67 - 69.67)	289	*
2Q17		4/3/2017		38.81	38.84	404.11	404.14	0.03	404.13		132	*
3Q17		7/6/2017		38.00	38.03	404.92	404.95	0.03	404.94		2525	*
4Q17		10/2/2017		37.73	37.76	405.19	405.22	0.03	405.21		187	*
1Q18		1/2/2018		40.03	40.06	402.89	402.92	0.03	402.91		282	*
2Q18		4/2/2018		40.94	40.98	401.97	402.01	0.04	402.00		90.4	*
3Q18		7/2/2018		42.23	42.26	400.69	400.72	0.03	400.71		238	*
4Q18		10/2/2018		42.25	42.27	400.68	400.70	0.02	400.70		297	*
1Q19		1/3/2019		42.18	42.19	400.76	400.77	0.01	400.77		204	*
2Q19		4/1/2019		42.26	42.27	400.68	400.69	0.01	400.69		1406	*
3Q19	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	*
P 71												
1Q17	444.94	1/16/2017	NE	40.05	NA	NA	NA	404.89	402.33 - 377.33 (42.61 - 67.61)	0.0	*	
2Q17		4/3/2017	NE	40.43	NA	NA	NA	404.51		32.3	*	
3Q17		7/6/2017	NE	39.66	NA	NA	NA	405.28		555	*	
4Q17		10/3/2017	NE	40.01	NA	NA	NA	404.93		82.3	*	
1Q18		1/3/2018	NE	41.42	NA	NA	NA	403.52		6.0	*	
2Q18		4/4/2018	NE	42.99	NA	NA	NA	401.95		50.4		
3Q18		7/3/2018	NE	43.36	NA	NA	NA	401.58		41.2		
4Q18		10/2/2018	NE	43.61	NA	NA	NA	401.33		108		
1Q19		1/3/2019	NE	43.73	NA	NA	NA	401.21		123		
2Q19		4/1/2019	NE	43.38	NA	NA	NA	401.56		350		
3Q19	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	*	
P 72												
1Q17	444.49	1/16/2017	NE	39.55	NA	NA	NA	404.94	398.72 - 373.72 (45.77 - 70.77)	14.4	*	
2Q17		4/3/2017	NE	39.66	NA	NA	NA	404.83		11.3	*	
3Q17		7/6/2017	NE	39.27	NA	NA	NA	405.22		32.9	*	
4Q17		10/3/2017	NE	39.69	NA	NA	NA	404.80		6.9	*	
1Q18		1/3/2018	NE	40.84	NA	NA	NA	403.65		40.0	*	
2Q18		4/4/2018	NE	42.81	NA	NA	NA	401.68		2.6	*	
3Q18		7/3/2018	NE	42.90	NA	NA	NA	401.59		2.3	*	
4Q18		10/3/2018	43.01	43.02	401.47	401.48	0.01	401.48		7.2	*	
1Q19		1/3/2019	43.11	43.12	401.37	401.38	0.01	401.38		135	*	
2Q19		4/1/2019	42.93	42.94	401.55	401.56	0.01	401.56		83.4	*	
3Q19	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	Inaccessible due to construction	
P 73												
1Q17	443.86	1/16/2017	NE	40.00	NA	NA	NA	403.86	402.27 - 377.27 (41.59 - 66.59)	112	*	
2Q17		4/3/2017	NE	39.55	NA	NA	NA	404.31		81.4	*	
3Q17		7/6/2017	NE	39.59	NA	NA	NA	404.27		848	*	
4Q17		10/3/2017	NE	40.25	NA	NA	NA	403.61		127	*	
1Q18		1/3/2018	NE	41.93	NA	NA	NA	401.93		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	*	

**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													
1Q17	442.72	1/16/2017	NE	38.64	NA	NA	NA	404.08	398.29 - 373.29 (44.43 - 69.43)	0.0	*		
2Q17		4/3/2017	NE	38.86	NA	NA	NA	403.84		0.0	*		
3Q17		7/5/2017	NE	38.04	NA	NA	NA	404.68		0.0	*		
4Q17		10/2/2017	NE	37.43	NA	NA	NA	405.29		0.0	*		
1Q18		1/3/2018	NE	40.21	NA	NA	NA	402.51	398.89 - 373.89 (43.83 - 68.83)	1.6	*		
2Q18		4/4/2018	NE	39.81	NA	NA	NA	402.91		0.0	*		
3Q18		7/2/2018	NE	42.35	NA	NA	NA	400.37		0.0	*		
4Q18		10/2/2018	NE	42.18	NA	NA	NA	400.54		1.1	*		
1Q19		1/3/2019	NE	41.95	NA	NA	NA	400.77		0.0	*		
2Q19		4/1/2019	NE	40.46	NA	NA	NA	402.26		0.7	*Gauging result anomalous		
3Q19		7/1/2019	NE	38.32	NA	NA	NA	404.61		0.0	*		
4Q19		10/1/2019	NE	36.71	NA	NA	NA	406.22	0.2	*			
P 75													
1Q17		446.42	1/17/2017	NE	42.25	NA	NA	NA	404.17	403.29 - 378.29 (43.13 - 68.13)	33.6	*	
2Q17	4/4/2017		NE	42.19	NA	NA	NA	404.23	30.9		*		
3Q17	7/6/2017		NE	42.45	NA	NA	NA	403.97	12.4		*		
4Q17	10/2/2017		NE	41.90	NA	NA	NA	404.52	57.8		*		
1Q18	1/4/2018		NE	44.01	NA	NA	NA	402.41	3.0		*		
2Q18	4/4/2018		NE	45.06	NA	NA	NA	401.36	0.0		*		
3Q18	7/2/2018		NE	45.15	NA	NA	NA	401.27	0.0		*		
4Q18	10/3/2018		NE	45.06	NA	NA	NA	401.36	14.4		*		
1Q19	1/4/2019		NE	44.74	NA	NA	NA	401.68	4.6		*		
2Q19	4/2/2019		NE	44.43	NA	NA	NA	401.99	21.6		*		
3Q19	7/2/2019		NE	40.50	NA	NA	NA	406.18	10.5		*		
4Q19	10/2/2019		NE	39.53	NA	NA	NA	407.15	5.7		*		
P 82A													
1Q17	435.02		1/16/2017	NE	26.17	NA	NA	NA	408.85		401.81 - 386.81 (33.21 - 48.21)	0.0	*
2Q17		4/4/2017	NE	26.88	NA	NA	NA	408.14	0.0	*			
3Q17		7/6/2017	NE	24.70	NA	NA	NA	410.32	0.0	*			
4Q17		10/3/2017	NE	25.97	NA	NA	NA	409.05	0.0	*			
1Q18		1/3/2018	NE	27.54	NA	NA	NA	407.48	0.0	*			
2Q18		4/3/2018	NE	27.83	NA	NA	NA	407.19	0.0	*			
3Q18		7/2/2018	NE	28.14	NA	NA	NA	406.88	0.0	*			
4Q18		10/3/2018	NE	28.38	NA	NA	NA	406.64	0.0	*			
1Q19		1/4/2019	NE	28.25	NA	NA	NA	406.77	0.0	*			
2Q19		4/2/2019	NE	27.83	NA	NA	NA	407.19	0.0	*			
3Q19		7/1/2019	NE	24.08	NA	NA	NA	410.86	0.0	*			
4Q19		10/1/2019	NE	23.86	NA	NA	NA	411.08	0.1	*			
P 82B													
1Q17		434.48	1/16/2017	NE	25.88	NA	NA	NA	408.60	370.88 - 368.88 (63.60 - 65.60)		0.0	*
2Q17	4/4/2017		NE	26.61	NA	NA	NA	407.87	0.0		*		
3Q17	7/6/2017		NE	24.42	NA	NA	NA	410.06	0.0		*		
4Q17	10/3/2017		NE	25.70	NA	NA	NA	408.78	0.0		*		
1Q18	1/3/2018		NE	27.26	NA	NA	NA	407.22	0.0		*		
2Q18	4/3/2018		NE	27.54	NA	NA	NA	406.94	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	7/1/2019		NE	23.78	NA	NA	NA	410.90	0.0		*		
4Q19	10/1/2019		NE	23.59	NA	NA	NA	411.09	0.0		*		
P 82C													
1Q17	434.21		1/16/2017	NE	25.60	NA	NA	NA	408.61		351.44 - 349.44 (82.77 - 84.77)	0.0	*
2Q17		4/4/2017	NE	26.30	NA	NA	NA	407.91	0.0	*			
3Q17		7/6/2017	NE	24.12	NA	NA	NA	410.09	0.0	*			
4Q17		10/3/2017	NE	25.41	NA	NA	NA	408.80	0.0	*			
1Q18		1/3/2018	NE	26.98	NA	NA	NA	407.23	0.0	*			
2Q18		4/3/2018	NE	27.22	NA	NA	NA	406.99	0.0	*			
3Q18		7/2/2018	NE	27.65	NA	NA	NA	406.56	0.0	*			
4Q18		10/3/2018	NE	27.79	NA	NA	NA	406.42	0.0	*			
1Q19		1/4/2019	NE	27.67	NA	NA	NA	406.54	0.0	*			
2Q19		4/2/2019	NE	27.25	NA	NA	NA	406.96	0.0	*			
3Q19		7/1/2019	NE	23.49	NA	NA	NA	410.92	0.0	*			
4Q19		10/1/2019	NE	23.30	NA	NA	NA	411.11	0.0	*			

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

WELL ID	TOP OF CASING (elev.)	DATE GAUGED	DEPTH TO PRODUCT (ft btoc)	DEPTH TO WATER (ft btoc)	WATER PRODUCT INTERFACE (elev.)	PRODUCT (elev.)	PRODUCT THICKNESS (ft)	CORRECTED WATER LEVEL (elev.)	SCREENED INTERVAL (elev.) (ft btoc)	WELL HEAD PID (ppm)	Comments
P 82D											
1Q17	434.89	1/16/2017	NE	26.40	NA	NA	NA	408.49	323.47 - 321.47 (111.42 - 113.42)	0.0	*
2Q17		4/4/2017	NE	27.09	NA	NA	NA	407.80		0.0	*
3Q17		7/6/2017	NE	24.90	NA	NA	NA	409.99		0.0	*
4Q17		10/3/2017	NE	26.20	NA	NA	NA	408.69		0.0	*
1Q18		1/3/2018	NE	27.78	NA	NA	NA	407.11		0.0	*
2Q18		4/3/2018	NE	27.99	NA	NA	NA	406.90	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	*
P 83A											
1Q17	445.36	1/16/2017	NE	39.25	NA	NA	NA	406.11	398.71 - 383.71 (46.65 - 61.65)	0.0	*
2Q17		4/3/2017	NE	39.56	NA	NA	NA	405.80		0.0	*
3Q17		7/6/2017	NE	38.15	NA	NA	NA	407.21		0.0	*
4Q17		10/3/2017	NE	38.88	NA	NA	NA	406.48		0.0	*
1Q18		1/3/2018	NE	39.76	NA	NA	NA	405.60		0.0	*
2Q18		4/2/2018	NE	40.74	NA	NA	NA	404.62		0.0	*
3Q18		7/2/2018	NE	42.59	NA	NA	NA	402.77		0.0	*
4Q18		10/1/2018	NE	43.03	NA	NA	NA	402.33		0.0	*
1Q19		1/2/2019	NE	43.55	NA	NA	NA	401.81		0.0	*
2Q19		4/2/2019	NE	43.34	NA	NA	NA	402.02		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	*
P 83B											
1Q17	445.55	1/16/2017	NE	39.48	NA	NA	NA	406.07	375.90 - 373.90 (69.65 - 71.65)	0.4	*
2Q17		4/3/2017	NE	39.83	NA	NA	NA	405.72		11.0	*
3Q17		7/6/2017	NE	38.71	NA	NA	NA	406.84		0.0	*
4Q17		10/3/2017	NE	39.13	NA	NA	NA	406.42		0.0	*
1Q18		1/3/2018	NE	40.01	NA	NA	NA	405.54		0.6	*
2Q18		4/2/2018	NE	41.01	NA	NA	NA	404.54	0.0	*	
3Q18		7/2/2018	NE	42.83	NA	NA	NA	402.72	371.75 - 369.75 (73.80 - 75.80)	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		*
P 83C											
1Q17	445.78	1/16/2017	NE	39.63	NA	NA	NA	406.15	353.39 - 351.39 (92.39 - 94.39)	0.6	*
2Q17		4/3/2017	NE	39.96	NA	NA	NA	405.82		1.4	*
3Q17		7/6/2017	NE	38.56	NA	NA	NA	407.22		0.0	*
4Q17		10/3/2017	NE	39.27	NA	NA	NA	406.51		0.0	*
1Q18		1/3/2018	NE	40.16	NA	NA	NA	405.62		0.0	*
2Q18		4/2/2018	NE	41.15	NA	NA	NA	404.63		0.0	*
3Q18		7/2/2018	NE	42.99	NA	NA	NA	402.79		0.0	*
4Q18		10/1/2018	NE	43.44	NA	NA	NA	402.34		0.0	*
1Q19		1/2/2019	NE	43.95	NA	NA	NA	401.83		0.0	*
2Q19		4/2/2019	NE	43.75	NA	NA	NA	402.03		0.0	*
3Q19	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	*
P 83D											
1Q17	445.70	1/16/2017	NE	39.59	NA	NA	NA	406.11	311.99 - 309.99 (133.71 - 135.71)	1.2	*
2Q17		4/3/2017	NE	39.94	NA	NA	NA	405.76		0.0	*
3Q17		7/6/2017	NE	38.51	NA	NA	NA	407.19		0.0	*
4Q17		10/3/2017	NE	39.25	NA	NA	NA	406.45		0.0	*
1Q18		1/3/2018	NE	40.11	NA	NA	NA	405.59		0.0	*
2Q18		4/2/2018	NE	41.13	NA	NA	NA	404.57	0.0	*	
3Q18		7/2/2018	NE	43.96	NA	NA	NA	401.74	311.90 - 309.90 (133.80 - 135.80)	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		*

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											
1Q17	446.49	1/17/2017	NE	40.34	NA	NA	NA	406.15	397.99 - 382.99 (48.50 - 63.50)	0.0	*
2Q17		4/4/2017	NE	40.80	NA	NA	NA	405.69		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.69	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.84	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	42.22	NA	NA	NA	404.27	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	*
P 84B											
1Q17	446.21	1/17/2017	NE	40.08	NA	NA	NA	406.13	372.71 - 370.71 (73.50 - 75.50)	0.0	*
2Q17		4/4/2017	NE	40.54	NA	NA	NA	405.67		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.43	NA	NA	NA	406.78		0.0	*
1Q18		1/3/2018	NE	40.56	NA	NA	NA	405.65		0.1	*
2Q18		4/4/2018	NE	41.94	NA	NA	NA	404.27	372.85 - 370.85 (73.50 - 75.50)	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	*
P 84C											
1Q17	446.22	1/17/2017	NE	40.08	NA	NA	NA	406.14	352.17 - 350.17 (94.05 - 96.05)	0.0	*
2Q17		4/4/2017	NE	40.54	NA	NA	NA	405.68		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.42	NA	NA	NA	406.80		0.0	*
1Q18		1/3/2018	NE	40.57	NA	NA	NA	405.65		0.0	*
2Q18		4/4/2018	NE	41.96	NA	NA	NA	404.26	352.32 - 350.32 (94.05 - 96.05)	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	*
P 84D											
1Q17	446.24	1/17/2017	NM	NM	NA	NA	NA	NA	325.09 - 323.09 (121.15 - 123.15)	NM	
2Q17		4/4/2017	NE	40.55	NA	NA	NA	405.69		0.0	*
3Q17		7/5/2017	NM	NM	NA	NA	NA	NA		NM	Inaccessible due to construction
4Q17		10/3/2017	NE	39.45	NA	NA	NA	406.79		0.0	*
1Q18		1/3/2018	NE	40.58	NA	NA	NA	405.66		0.1	*
2Q18		4/4/2018	NE	41.97	NA	NA	NA	404.27	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		NM	*
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	*
P 88A											
1Q17	443.09	1/17/2017	NE	31.75	NA	NA	NA	411.34	404.69 - 389.69 (38.40 - 53.40)	0.0	*
2Q17		4/4/2017	NE	32.36	NA	NA	NA	410.73		0.0	*
3Q17		7/6/2017	NE	30.57	NA	NA	NA	412.52		0.0	*
4Q17		10/2/2017	NE	31.10	NA	NA	NA	411.99		0.0	*
1Q18		1/4/2018	NE	32.60	NA	NA	NA	410.49		0.0	*
2Q18		4/4/2018	NE	34.04	NA	NA	NA	409.05	404.87 - 389.87 (38.40 - 53.40)	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	*

**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												
1Q17	443.16	1/17/2017	NE	31.81	NA	NA	NA	411.35	371.16 - 369.16 (72.00 - 74.00)	3.5	*	
2Q17		4/4/2017	NE	32.43	NA	NA	NA	410.73		0.0	*	
3Q17		7/6/2017	NE	30.64	NA	NA	NA	412.52		0.0	*	
4Q17		10/2/2017	NE	31.15	NA	NA	NA	412.01		0.0	*	
1Q18		1/4/2018	NE	32.67	NA	NA	NA	410.49	371.51 - 369.51 (71.65 - 73.65)	0.0	*	
2Q18		4/4/2018	NE	34.09	NA	NA	NA	409.07		0.0	*	
3Q18		7/2/2018	NE	33.84	NA	NA	NA	409.32		0.0	*	
4Q18		10/3/2018	NE	34.08	NA	NA	NA	409.08		0.1	*	
1Q19		1/4/2019	NE	34.37	NA	NA	NA	408.79		0.0	*	
2Q19		4/2/2019	NE	34.29	NA	NA	NA	408.87		0.0	*	
3Q19		7/2/2019	NE	31.41	NA	NA	NA	411.94		0.0	*	
4Q19		10/2/2019	NE	30.47	NA	NA	NA	412.88		0.0	*	
P 88C												
1Q17	443.13	1/17/2017	NE	31.77	NA	NA	NA	411.36	350.83 - 348.83 (92.30 - 94.30)	0.0	*	
2Q17		4/4/2017	NE	32.38	NA	NA	NA	410.75		0.0	*	
3Q17		7/6/2017	NE	30.60	NA	NA	NA	412.53		0.0	*	
4Q17		10/2/2017	NE	31.10	NA	NA	NA	412.03		0.0	*	
1Q18		1/4/2018	NE	32.62	NA	NA	NA	410.51		0.0	*	
2Q18		4/4/2018	NE	34.05	NA	NA	NA	409.08		0.0	*	
3Q18		7/2/2018	NE	33.88	NA	NA	NA	409.25		0.0	*	
4Q18		10/3/2018	NE	34.02	NA	NA	NA	409.11		0.0	*	
1Q19		1/4/2019	NE	34.32	NA	NA	NA	408.81	0.0	*		
2Q19		4/2/2019	NE	34.24	NA	NA	NA	408.89	0.0	*		
3Q19		7/2/2019	NE	31.37	NA	NA	NA	411.94	351.01 - 349.01 (92.30 - 94.30)	0.0	*	
4Q19		10/2/2019	NE	30.44	NA	NA	NA	412.87		0.0	*	
P 88D												
1Q17	443.20	1/17/2017	NE	31.91	NA	NA	NA	411.29	329.50 - 327.50 (113.70 - 115.70)	0.0	*	
2Q17		4/4/2017	NE	32.54	NA	NA	NA	410.66		0.0	*	
3Q17		7/6/2017	NE	30.69	NA	NA	NA	412.51		0.0	*	
4Q17		10/2/2017	NE	31.29	NA	NA	NA	411.91		0.0	*	
1Q18		1/4/2018	NE	32.82	NA	NA	NA	410.38	331.03 - 329.03 (112.17 - 114.17)	0.0	*	
2Q18		4/4/2018	NE	34.17	NA	NA	NA	409.03		0.0	*	
3Q18		7/2/2018	NE	34.09	NA	NA	NA	409.11		0.0	*	
4Q18		10/3/2018	NE	34.26	NA	NA	NA	408.94		0.0	*	
1Q19		1/4/2019	NE	34.45	NA	NA	NA	408.75		0.0	*	
2Q19		4/2/2019	NE	34.30	NA	NA	NA	408.90		0.0	*	
3Q19		7/2/2019	NE	31.35	NA	NA	NA	412.03		331.21 - 329.21 (112.17 - 114.17)	0.0	*
4Q19		10/2/2019	NE	30.56	NA	NA	NA	412.82			0.0	*
P 89B												
1Q17	447.44	1/17/2017	NE	38.76	NA	NA	NA	408.68	370.08 - 368.08 (77.36 - 79.36)	0.0	*	
2Q17		4/4/2017	NE	39.32	NA	NA	NA	408.12		0.0	*	
3Q17		7/6/2017	NE	37.49	NA	NA	NA	409.95		0.0	*	
4Q17		10/3/2017	NE	38.17	NA	NA	NA	409.27		0.0	*	
1Q18		1/4/2018	NE	39.23	NA	NA	NA	408.21		0.0	*	
2Q18		4/3/2018	NE	40.47	NA	NA	NA	406.97		0.0	*	
3Q18		7/3/2018	NE	41.39	NA	NA	NA	406.05		0.0	*	
4Q18		10/2/2018	NE	41.74	NA	NA	NA	405.70		0.0	*	
1Q19		1/3/2019	NE	42.63	NA	NA	NA	404.81	0.0	*		
2Q19		4/2/2019	NE	42.41	NA	NA	NA	405.03	0.0	*		
3Q19		7/2/2019	NE	41.60	NA	NA	NA	406.04	370.28 - 368.28 (77.36 - 79.36)	0.0	*	
4Q19		10/2/2019	NE	40.11	NA	NA	NA	407.53		0.0	*	
P 89C												
1Q17	447.76	1/17/2017	NE	39.11	NA	NA	NA	408.65	350.13 - 348.13 (97.63 - 99.63)	0.0	*	
2Q17		4/4/2017	NE	39.66	NA	NA	NA	408.10		0.0	*	
3Q17		7/6/2017	NE	37.85	NA	NA	NA	409.91		0.0	*	
4Q17		10/3/2017	NE	38.53	NA	NA	NA	409.23		0.0	*	
1Q18		1/4/2018	NE	39.65	NA	NA	NA	408.11		0.0	*	
2Q18		4/3/2018	NE	40.79	NA	NA	NA	406.97		0.0	*	
3Q18		7/3/2018	NE	42.09	NA	NA	NA	405.67		0.0	*	
4Q18		10/2/2018	NE	42.11	NA	NA	NA	405.65		0.0	*	
1Q19		1/3/2019	NE	43.03	NA	NA	NA	404.73	0.0	*		
2Q19		4/2/2019	NE	42.75	NA	NA	NA	405.01	351.36 - 349.36 (96.40 - 98.40)	0.0	*	
3Q19		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		*	

**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 89D											
1Q17	447.63	1/17/2017	NE	39.03	NA	NA	NA	408.60	307.29 - 305.29 (140.34 - 142.34)	0.0	*
2Q17		4/4/2017	NE	39.51	NA	NA	NA	408.12		0.0	*
3Q17		7/6/2017	NE	37.84	NA	NA	NA	409.79		0.0	*
4Q17		10/3/2017	NE	38.48	NA	NA	NA	409.15		0.0	*
1Q18		1/4/2018	NE	39.48	NA	NA	NA	408.15		2.0	*
2Q18		4/3/2018	NE	40.95	NA	NA	NA	406.68		0.0	*
3Q18		7/3/2018	NE	41.76	NA	NA	NA	405.87		0.0	*
4Q18		10/2/2018	NE	42.15	NA	NA	NA	405.48		0.0	*
1Q19		1/3/2019	NE	43.11	NA	NA	NA	404.52		0.0	*
2Q19		4/2/2019	NE	42.87	NA	NA	NA	404.76		0.0	*
3Q19	447.83	7/2/2019	NE	42.05	NA	NA	NA	405.78	309.33 - 307.33 (138.50 - 140.50)	0.0	*
4Q19		10/2/2019	NE	40.53	NA	NA	NA	407.30		0.0	*
P 91A											
1Q17	447.24	1/16/2017	NE	43.81	NA	NA	NA	403.43	395.72 - 380.72 (51.51 - 66.51)	139	*
2Q17		4/4/2017	44.61	44.64	402.60	402.63	0.03	402.62		43.8	*
3Q17		7/6/2017	43.18	43.21	404.03	404.06	0.03	404.05		304	*
4Q17		10/3/2017	43.79	43.80	403.44	403.45	0.01	403.45		106	*
1Q18		1/2/2018	44.43	44.45	402.79	402.81	0.02	402.81		25.8	*
2Q18		4/3/2018	NE	45.39	NA	NA	NA	401.85		43.1	*
3Q18		7/2/2018	NE	48.52	NA	NA	NA	398.72		151	*
4Q18		10/1/2018	NE	48.70	NA	NA	NA	398.54		5.6	*
1Q19		1/2/2019	48.87	48.90	398.34	398.37	0.03	398.36		1129	*
2Q19		4/2/2019	48.58	48.59	398.65	398.66	0.01	398.66		413	*
3Q19	447.43	7/1/2019	47.77	47.78	399.65	399.66	0.01	399.66	395.92 - 380.92 (51.51 - 66.51)	14.7	*
4Q19		10/2/2019	NE	45.72	NA	NA	NA	401.71		9.5	*
P 91B											
1Q17	447.28	1/16/2017	NE	43.93	NA	NA	NA	403.35	372.59 - 370.59 (74.69 - 76.69)	2.0	*
2Q17		4/4/2017	NE	44.74	NA	NA	NA	402.54		6.7	*
3Q17		7/6/2017	NE	43.26	NA	NA	NA	404.02		28.7	*
4Q17		10/3/2017	NE	43.88	NA	NA	NA	403.40		8.4	*
1Q18		1/2/2018	NE	44.23	NA	NA	NA	403.05		102	*
2Q18		4/3/2018	NE	45.45	NA	NA	NA	401.83		0.5	*
3Q18		7/2/2018	NE	48.69	NA	NA	NA	398.59		11.0	*
4Q18		10/1/2018	NE	48.88	NA	NA	NA	398.40		12.1	*
1Q19		1/2/2019	NE	49.04	NA	NA	NA	398.24		73.3	*
2Q19		4/2/2019	NE	48.75	NA	NA	NA	398.53		116	*
3Q19	447.47	7/1/2019	NE	47.97	NA	NA	NA	399.50	372.78 - 370.78 (74.69 - 76.69)	3.5	*
4Q19		10/2/2019	NE	45.89	NA	NA	NA	401.58		6.5	*
P 91C											
1Q17	447.07	1/16/2017	NE	43.62	NA	NA	NA	403.45	352.34 - 350.34 (94.73 - 96.73)	0.2	*
2Q17		4/4/2017	NE	44.51	NA	NA	NA	402.56		0.0	*
3Q17		7/6/2017	NE	43.03	NA	NA	NA	404.04		0.0	*
4Q17		10/3/2017	NE	43.66	NA	NA	NA	403.41		0.4	*
1Q18		1/2/2018	NE	44.00	NA	NA	NA	403.07		9.5	*
2Q18		4/3/2018	NE	45.21	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.44	NA	NA	NA	398.63		0.0	*
4Q18		10/1/2018	NE	48.61	NA	NA	NA	398.46		0.0	*
1Q19		1/2/2019	NE	48.80	NA	NA	NA	398.27		1.2	*
2Q19		4/2/2019	NE	48.47	NA	NA	NA	398.60		0.0	*
3Q19	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	*
P 91D											
1Q17	447.06	1/16/2017	NE	43.67	NA	NA	NA	403.39	278.74 - 276.74 (168.32 - 170.32)	1.2	*
2Q17		4/4/2017	NE	44.50	NA	NA	NA	402.56		0.1	*
3Q17		7/6/2017	NE	43.02	NA	NA	NA	404.04		0.0	*
4Q17		10/3/2017	NE	43.64	NA	NA	NA	403.42		0.0	*
1Q18		1/2/2018	NE	43.98	NA	NA	NA	403.08		3.4	*
2Q18		4/3/2018	NE	45.20	NA	NA	NA	401.86		0.0	*
3Q18		7/2/2018	NE	48.41	NA	NA	NA	398.65		0.0	*
4Q18		10/1/2018	NE	48.56	NA	NA	NA	398.50		0.0	*
1Q19		1/2/2019	NE	48.76	NA	NA	NA	398.30		1.6	*
2Q19		4/2/2019	NE	48.44	NA	NA	NA	398.62		0.0	*
3Q19	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	*

**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											
1Q17	446.24	1/17/2017	42.19	42.22	404.02	404.05	0.03	404.04	398.67 - 383.67 (47.57 - 62.57)	42.0	*
2Q17		4/4/2017	42.38	42.40	403.84	403.86	0.02	403.86		55.5	*
3Q17		7/6/2017	41.87	41.89	404.35	404.37	0.02	404.37		215	*
4Q17		10/3/2017	42.12	42.15	404.09	404.12	0.03	404.11		83.7	*
1Q18		1/3/2018	42.91	42.94	403.30	403.33	0.03	403.32		119	*
2Q18		4/4/2018	44.83	44.84	401.40	401.41	0.01	401.41		31.5	*
3Q18		7/3/2018	NE	45.69	NA	NA	NA	400.55		4.0	*
4Q18		10/2/2018	46.04	46.06	400.18	400.20	0.02	400.20		33.8	*
1Q19		1/2/2019	46.39	46.41	399.83	399.85	0.02	399.85		640	*
2Q19		4/1/2019	46.10	46.11	400.13	400.14	0.01	400.14		232	*
3Q19	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	*
P 92B											
1Q17	446.18	1/17/2017	NE	42.18	NA	NA	NA	404.00	372.53 - 370.53 (73.65 - 75.65)	0.0	*
2Q17		4/4/2017	NE	42.36	NA	NA	NA	403.82		0.0	*
3Q17		7/6/2017	NE	41.85	NA	NA	NA	404.33		1.3	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.08		0.0	*
1Q18		1/3/2018	NE	42.89	NA	NA	NA	403.29		0.2	*
2Q18		4/4/2018	NE	44.79	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.65	NA	NA	NA	400.53		0.5	*
4Q18		10/2/2018	NE	46.01	NA	NA	NA	400.17		0.1	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.84		0.0	*
2Q19		4/1/2019	NE	46.06	NA	NA	NA	400.12		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	403.67		0.0	*
P 92C											
1Q17	446.17	1/17/2017	NE	42.16	NA	NA	NA	404.01	353.21 - 348.21 (92.96 - 97.96)	1.8	*
2Q17		4/4/2017	NE	42.35	NA	NA	NA	403.82		1.5	*
3Q17		7/6/2017	NE	41.85	NA	NA	NA	404.32		0.6	*
4Q17		10/3/2017	NE	42.10	NA	NA	NA	404.07		0.1	*
1Q18		1/3/2018	NE	42.88	NA	NA	NA	403.29		1.2	*
2Q18		4/4/2018	NE	44.76	NA	NA	NA	401.41		0.0	*
3Q18		7/3/2018	NE	45.60	NA	NA	NA	400.57		0.3	*
4Q18		10/2/2018	NE	45.97	NA	NA	NA	400.20		2.5	*
1Q19		1/2/2019	NE	46.34	NA	NA	NA	399.83		83.1	*
2Q19		4/1/2019	NE	46.03	NA	NA	NA	400.14		22.6	*
3Q19	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	*
P 92D											
1Q17	446.00	1/17/2017	NE	42.04	NA	NA	NA	403.96	305.00 - 303.00 (141.00 - 143.00)	0.0	*
2Q17		4/4/2017	NE	42.19	NA	NA	NA	403.81		0.6	*
3Q17		7/6/2017	NE	41.73	NA	NA	NA	404.27		0.0	*
4Q17		10/3/2017	NE	41.97	NA	NA	NA	404.03		0.0	*
1Q18		1/3/2018	NE	42.70	NA	NA	NA	403.30		0.2	*
2Q18		4/4/2018	NE	44.61	NA	NA	NA	401.39		0.0	*
3Q18		7/3/2018	NE	45.50	NA	NA	NA	400.50		0.0	*
4Q18		10/2/2018	NE	45.88	NA	NA	NA	400.12		0.1	*
1Q19		1/2/2019	NE	46.24	NA	NA	NA	399.76		0.0	*
2Q19		4/1/2019	NE	45.94	NA	NA	NA	400.06		0.2	*
3Q19	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	*
P 93A											
1Q17	445.12	1/16/2017	NE	41.04	NA	NA	NA	404.08	402.05 - 392.05 (43.07 - 53.07)	7.6	*
2Q17		4/3/2017	NE	41.16	NA	NA	NA	403.96		51.2	*
3Q17		7/5/2017	NE	40.10	NA	NA	NA	405.02		0.0	*
4Q17		10/2/2017	NE	40.53	NA	NA	NA	404.59		152	*
1Q18		1/4/2018	NE	42.79	NA	NA	NA	402.33		12.8	*
2Q18		4/2/2018	NE	43.58	NA	NA	NA	401.54		21.1	*
3Q18		7/2/2018	NE	44.03	NA	NA	NA	401.09		0.0	*
4Q18		10/2/2018	NE	43.98	NA	NA	NA	401.14		0.0	*
1Q19		1/2/2019	NE	43.83	NA	NA	NA	401.29		0.0	*
2Q19		4/1/2019	NE	43.61	NA	NA	NA	401.51		0.3	*
3Q19	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	*

**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 93B											
1Q17	446.52	1/16/2017	NE	42.41	NA	NA	NA	404.11	371.92 - 369.92 (74.60 - 76.60)	0.1	*
2Q17		4/3/2017	NE	42.51	NA	NA	NA	404.01		0.0	*
3Q17		7/5/2017	NE	41.45	NA	NA	NA	405.07		0.0	*
4Q17		10/2/2017	NE	41.88	NA	NA	NA	404.64		0.0	*
1Q18		1/3/2018	NE	44.25	NA	NA	NA	402.27		0.0	*
2Q18		4/2/2018	NE	44.94	NA	NA	NA	401.58	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		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	*
P 93C											
1Q17	446.28	1/16/2017	NE	42.20	NA	NA	NA	404.08	353.81 - 348.81 (92.47 - 97.47)	12.6	*
2Q17		4/3/2017	NE	42.31	NA	NA	NA	403.97		0.0	*
3Q17		7/5/2017	NE	41.26	NA	NA	NA	405.02		0.0	*
4Q17		10/2/2017	NE	41.68	NA	NA	NA	404.60		0.0	*
1Q18		1/3/2018	NE	43.77	NA	NA	NA	402.51		0.3	*
2Q18		4/2/2018	NE	44.78	NA	NA	NA	401.50	353.40 - 348.40 (92.88 - 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	*
P 93D											
1Q17	446.73	1/16/2017	NE	42.59	NA	NA	NA	404.14	320.98 - 318.98 (125.75 - 127.75)	0.0	*
2Q17		4/3/2017	NE	42.72	NA	NA	NA	404.01		0.0	*
3Q17		7/5/2017	NE	41.65	NA	NA	NA	405.08		0.0	*
4Q17		10/2/2017	NE	42.10	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	44.19	NA	NA	NA	402.54		0.0	*
2Q18		4/2/2018	NE	45.12	NA	NA	NA	401.61	0.0	*	
3Q18		7/2/2018	NE	45.67	NA	NA	NA	401.06	0.0	*	
4Q18		10/2/2018	NE	45.57	NA	NA	NA	401.16	0.0	*	
1Q19		1/2/2019	NE	45.36	NA	NA	NA	401.37	0.0	*	
2Q19		4/1/2019	NE	45.18	NA	NA	NA	401.55	0.0	*	
3Q19	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	*
P 94											
1Q17	445.14	1/16/2017	NE	35.04	NA	NA	NA	410.10	399.29 - 384.29 (45.85 - 60.85)	0.0	*
2Q17		4/3/2017	NE	35.64	NA	NA	NA	409.50		0.0	*
3Q17		7/6/2017	NE	33.00	NA	NA	NA	412.14		0.0	*
4Q17		10/3/2017	NE	34.60	NA	NA	NA	410.54		0.0	*
1Q18		1/3/2018	NE	35.80	NA	NA	NA	409.34		0.0	*
2Q18		4/2/2018	NE	37.09	NA	NA	NA	408.05	398.90 - 383.90 (46.24 - 61.24)	0.0	*
3Q18		7/2/2018	NE	37.80	NA	NA	NA	407.34		0.0	*
4Q18		10/1/2018	NE	38.36	NA	NA	NA	406.78		0.0	*
1Q19		1/2/2019	NE	39.49	NA	NA	NA	405.65		0.0	*
2Q19		4/2/2019	NE	39.18	NA	NA	NA	405.96		0.0	*
3Q19	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	*
P 95											
1Q17	443.42	1/17/2017	NE	29.71	NA	NA	NA	413.71	406.90 - 391.90 (36.52 - 51.52)	6.8	*
2Q17		4/4/2017	NE	30.40	NA	NA	NA	413.02		0.0	*
3Q17		7/6/2017	NE	28.61	NA	NA	NA	414.81		0.0	*
4Q17		10/2/2017	NE	29.02	NA	NA	NA	414.40		0.0	*
1Q18		1/4/2018	NE	30.53	NA	NA	NA	412.89		0.0	*
2Q18		4/4/2018	NE	32.02	NA	NA	NA	411.40	407.43 - 392.43 (36.52 - 51.52)	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	*

**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											
1Q17	444.97	1/17/2017	NE	33.00	NA	NA	NA	411.97	402.22 - 382.22 (42.75 - 62.75)	22.3	*
2Q17		4/4/2017	NE	33.68	NA	NA	NA	411.29		107	*
3Q17		7/6/2017	NE	31.80	NA	NA	NA	413.17		15.6	*
4Q17		10/2/2017	NE	32.19	NA	NA	NA	412.78		631	*
1Q18		1/4/2018	NE	33.41	NA	NA	NA	411.56		363	*
2Q18		4/4/2018	NE	35.06	NA	NA	NA	409.91		0.2	*
3Q18		7/2/2018	NE	35.09	NA	NA	NA	409.88		0.0	*
4Q18		10/3/2018	NE	35.32	NA	NA	NA	409.65		6.3	*
1Q19		1/4/2019	NE	36.10	NA	NA	NA	408.87		0.2	*
2Q19		4/2/2019	NE	36.06	NA	NA	NA	408.91		0.0	*
3Q19	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	*
P 114R											
1Q17	429.26	1/17/2017	NE	24.81	NA	NA	NA	404.45	406.25 - 396.25 (23.01 - 33.01)	1.9	*
2Q17		4/5/2017	NE	24.93	NA	NA	NA	404.33		0.7	*
3Q17		7/6/2017	NE	22.38	NA	NA	NA	406.88		43.7	*
4Q17		10/2/2017	NE	24.21	NA	NA	NA	405.05		0.0	*
1Q18		1/3/2018	NE	26.16	NA	NA	NA	403.10		9.0	*
2Q18		4/9/2018	NE	26.76	NA	NA	NA	402.50		0.1	*
3Q18		7/2/2018	NE	26.50	NA	NA	NA	402.76		0.0	*
4Q18		10/2/2018	NE	26.26	NA	NA	NA	403.00		0.0	*
1Q19		1/3/2019	NE	26.02	NA	NA	NA	403.24		38.7	*
2Q19		4/2/2019	NE	25.47	NA	NA	NA	403.79		132	*
3Q19	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	*
P 115											
1Q17	433.36	1/17/2017	NE	28.88	NA	NA	NA	404.48	401.06 - 381.06 (32.30 - 52.30)	1.9	*
2Q17		4/5/2017	NE	29.20	NA	NA	NA	404.16		0.0	*
3Q17		7/6/2017	NE	26.28	NA	NA	NA	407.08		0.0	*
4Q17		10/2/2017	NE	28.33	NA	NA	NA	405.03		0.0	*
1Q18		1/3/2018	NE	30.22	NA	NA	NA	403.14		0.0	*
2Q18		4/4/2018	NE	31.03	NA	NA	NA	402.33		0.0	*
3Q18		7/2/2018	NE	30.38	NA	NA	NA	402.98		0.0	*
4Q18		10/2/2018	NE	30.07	NA	NA	NA	403.29		0.0	*
1Q19		1/3/2019	NE	29.83	NA	NA	NA	403.53		0.0	*
2Q19		4/2/2019	NE	29.08	NA	NA	NA	404.28		0.0	*
3Q19	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	*
P 116											
1Q17	436.63	1/17/2017	NE	32.37	NA	NA	NA	404.26	399.19 - 379.19 (37.44 - 57.44)	0.1	*
2Q17		4/5/2017	NE	32.66	NA	NA	NA	403.97		0.0	*
3Q17		7/6/2017	NE	29.61	NA	NA	NA	407.02		2.9	*
4Q17		10/2/2017	NE	32.17	NA	NA	NA	404.46		0.0	*
1Q18		1/3/2018	NE	33.69	NA	NA	NA	402.94		0.0	*
2Q18		4/4/2018	NE	34.47	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	33.74	NA	NA	NA	402.89		0.0	*
4Q18		10/2/2018	NE	33.38	NA	NA	NA	403.25		0.0	*
1Q19		1/3/2019	NE	33.18	NA	NA	NA	403.45		0.1	*
2Q19		4/3/2019	NE	32.53	NA	NA	NA	404.10		0.0	*
3Q19	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	*
P 117											
1Q17	432.71	1/17/2017	NE	28.55	NA	NA	NA	404.16	399.78 - 379.78 (32.93 - 52.93)	0.0	*
2Q17		4/5/2017	NE	28.93	NA	NA	NA	403.78		0.0	*
3Q17		7/6/2017	NE	25.78	NA	NA	NA	406.93		0.0	*
4Q17		10/2/2017	NE	28.08	NA	NA	NA	404.63		0.0	*
1Q18		1/3/2018	NE	29.90	NA	NA	NA	402.81		0.0	*
2Q18		4/4/2018	NE	30.68	NA	NA	NA	402.03		0.0	*
3Q18		7/2/2018	NE	29.92	NA	NA	NA	402.79		0.0	*
4Q18		10/2/2018	NE	29.56	NA	NA	NA	403.15		0.0	*
1Q19		1/3/2019	NE	29.37	NA	NA	NA	403.34		0.4	*
2Q19		4/2/2019	NE	28.45	NA	NA	NA	404.26		0.0	*
3Q19	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	*

**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 118											
1Q17	431.31	1/17/2017	NE	27.61	NA	NA	NA	403.70	400.19 - 384.26 (31.12 - 47.05)	0.6	*
2Q17		4/5/2017	NE	27.92	NA	NA	NA	403.39		0.0	*
3Q17		7/6/2017	NE	24.45	NA	NA	NA	406.86		0.0	*
4Q17		10/2/2017	NE	27.19	NA	NA	NA	404.12		0.0	*
1Q18		1/3/2018	NE	28.99	NA	NA	NA	402.32		0.0	*
2Q18		4/4/2018	NE	29.57	NA	NA	NA	401.74		0.0	*
3Q18		7/2/2018	NE	28.63	NA	NA	NA	402.68		0.0	*
4Q18		10/3/2018	NE	28.11	NA	NA	NA	403.20		0.0	*
1Q19		1/3/2019	NE	28.03	NA	NA	NA	403.28		0.3	*
2Q19		4/3/2019	NE	26.92	NA	NA	NA	404.39		0.0	*
3Q19	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	*
P 119											
1Q17	431.90	1/17/2017	NE	26.92	NA	NA	NA	404.98	401.23 - 385.30 (30.67 - 46.60)	0.0	*
2Q17		4/5/2017	NE	27.14	NA	NA	NA	404.76		0.0	*
3Q17		7/6/2017	NE	25.06	NA	NA	NA	406.84		1.5	*
4Q17		10/2/2017	NE	26.38	NA	NA	NA	405.52		0.0	*
1Q18		1/3/2018	NE	28.27	NA	NA	NA	403.63		0.0	*
2Q18		4/4/2018	NE	29.24	NA	NA	NA	402.66		0.0	*
3Q18		7/2/2018	NE	29.03	NA	NA	NA	402.87		0.0	*
4Q18		10/2/2018	NE	28.88	NA	NA	NA	403.02		0.0	*
1Q19		1/3/2019	NE	28.62	NA	NA	NA	403.28		0.5	*
2Q19		4/3/2019	NE	28.33	NA	NA	NA	403.57		0.0	*
3Q19	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	*
P 120											
1Q17	432.82	1/17/2017	NE	27.37	NA	NA	NA	405.45	401.44 - 385.51 (31.38 - 47.31)	0.0	*
2Q17		4/5/2017	NE	27.55	NA	NA	NA	405.27		0.0	*
3Q17		7/6/2017	NE	25.10	NA	NA	NA	407.72		0.4	*
4Q17		10/2/2017	NE	26.84	NA	NA	NA	405.98		0.0	*
1Q18		1/3/2018	NE	28.69	NA	NA	NA	404.13		0.0	*
2Q18		4/4/2018	NE	29.48	NA	NA	NA	403.34		0.0	*
3Q18		7/2/2018	NE	29.04	NA	NA	NA	403.78		0.0	*
4Q18		10/2/2018	NE	28.90	NA	NA	NA	403.92		0.0	*
1Q19		1/3/2019	NE	28.65	NA	NA	NA	404.17		0.3	*
2Q19		4/2/2019	NE	27.96	NA	NA	NA	404.86		0.0	*
3Q19	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	*
P 129											
1Q17	432.43	1/17/2017	NE	30.09	NA	NA	NA	402.34	400.46 - 384.53 (31.97 - 47.9)	0.0	*
2Q17		4/5/2017	NE	30.17	NA	NA	NA	402.26		0.0	*
3Q17		7/6/2017	NE	26.09	NA	NA	NA	406.34		0.0	*
4Q17		10/2/2017	NE	29.86	NA	NA	NA	402.57		0.0	*
1Q18		1/3/2018	NE	31.67	NA	NA	NA	400.76		0.0	*
2Q18		4/4/2018	NE	31.58	NA	NA	NA	400.85		0.0	*
3Q18		7/3/2018	NE	29.91	NA	NA	NA	402.52		0.0	*
4Q18		10/2/2018	NE	29.62	NA	NA	NA	402.81		0.0	*
1Q19		1/3/2019	NE	29.58	NA	NA	NA	402.85		0.1	*
2Q19		4/2/2019	NE	26.90	NA	NA	NA	405.53		0.0	*
3Q19	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	*
ROST 3 MW											
1Q17	442.29	1/11/2017	NE	37.67	NA	NA	NA	404.62	404.48 - 394.48 (37.81 - 47.81)	182	*
2Q17		4/3/2017	NE	38.13	NA	NA	NA	404.16		248	*
3Q17		7/5/2017	NE	36.64	NA	NA	NA	405.65		212	*
4Q17		10/2/2017	NE	36.72	NA	NA	NA	405.57		1045	*
1Q18		1/3/2018	NE	38.80	NA	NA	NA	403.49		296	*
2Q18		4/2/2018	NE	39.89	NA	NA	NA	402.40		1.3	*
3Q18		7/2/2018	NE	40.72	NA	NA	NA	401.57		0.0	*
4Q18		10/1/2018	NE	40.78	NA	NA	NA	401.51		0.0	*
1Q19		1/3/2019	NE	40.61	NA	NA	NA	401.68		0.0	*
2Q19		4/1/2019	NE	40.68	NA	NA	NA	401.61		0.0	*
3Q19	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	*

**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											
1Q17	442.13	1/16/2017	NE	36.96	NA	NA	NA	405.17	407.20 - 397.20 (34.93 - 44.93)	8.2	
2Q17		4/3/2017	NE	37.35	NA	NA	NA	404.78		0.0	
3Q17		7/5/2017	NE	36.55	NA	NA	NA	405.58		0.0	
4Q17		10/2/2017	NE	36.12	NA	NA	NA	406.01		0.3	
1Q18		1/2/2018	NE	37.88	NA	NA	NA	404.25		60.7	
2Q18		4/2/2018	NE	39.15	NA	NA	NA	402.98		0.0	
3Q18		7/2/2018	NE	39.77	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.81	NA	NA	NA	402.32		0.0	
1Q19		1/2/2019	NE	39.72	NA	NA	NA	402.41		0.0	
2Q19		4/1/2019	NE	40.00	NA	NA	NA	402.13		0.0	
3Q19	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	
ROST 4 PZ(A)											
1Q17	442.11	1/16/2017	NE	36.23	NA	NA	NA	405.88	407.34 - 397.34 (34.77 - 44.77)	0.3	
2Q17		4/3/2017	NE	36.80	NA	NA	NA	405.31		0.0	
3Q17		7/5/2017	NE	35.80	NA	NA	NA	406.31		0.0	
4Q17		10/2/2017	NE	35.42	NA	NA	NA	406.69		2.3	
1Q18		1/2/2018	NE	37.16	NA	NA	NA	404.95		1.3	
2Q18		4/2/2018	NE	38.53	NA	NA	NA	403.58		0.0	
3Q18		7/2/2018	NE	39.59	NA	NA	NA	402.52		0.0	
4Q18		10/2/2018	NE	39.67	NA	NA	NA	402.44		0.0	
1Q19		1/2/2019	NE	39.53	NA	NA	NA	402.58		0.0	
2Q19		4/1/2019	NE	40.05	NA	NA	NA	402.06		0.0	
3Q19	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	
ROST 4 PZ(B)											
1Q17	442.38	1/16/2017	NE	36.96	NA	NA	NA	405.42	407.33 - 397.33 (35.05 - 45.05)	12.0	
2Q17		4/3/2017	NE	37.43	NA	NA	NA	404.95		0.0	
3Q17		7/5/2017	NE	36.53	NA	NA	NA	405.85		0.0	
4Q17		10/2/2017	NE	36.09	NA	NA	NA	406.29		0.7	
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.53		0.9	
2Q18		4/2/2018	NE	39.30	NA	NA	NA	403.08		0.0	
3Q18		7/2/2018	NE	40.02	NA	NA	NA	402.36		0.0	
4Q18		10/1/2018	NE	39.82	NA	NA	NA	402.56		0.0	
1Q19		1/2/2019	NE	39.86	NA	NA	NA	402.52		0.0	
2Q19		4/1/2019	NE	40.18	NA	NA	NA	402.20		0.0	
3Q19	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	
ROST 4 PZ(C)											
1Q17	442.66	1/16/2017	NE	37.88	NA	NA	NA	404.78	407.71 - 397.71 (34.95 - 44.95)	9.8	
2Q17		4/3/2017	NE	38.24	NA	NA	NA	404.42		0.0	
3Q17		7/5/2017	NE	37.23	NA	NA	NA	405.43		0.0	
4Q17		10/2/2017	NE	36.99	NA	NA	NA	405.67		0.2	
1Q18		1/2/2018	NE	38.75	NA	NA	NA	403.91		30.9	
2Q18		4/2/2018	NE	39.98	NA	NA	NA	402.68		0.0	
3Q18		7/2/2018	NE	40.88	NA	NA	NA	401.78		0.0	
4Q18		10/1/2018	NE	40.93	NA	NA	NA	401.73		0.0	
1Q19		1/3/2019	NE	40.78	NA	NA	NA	401.88		0.0	
2Q19		4/1/2019	NE	41.04	NA	NA	NA	401.62		0.0	
3Q19	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	
ROST 4 PZ(D)											
1Q17	442.98	1/16/2017	NE	37.68	NA	NA	NA	405.30	408.01 - 398.01 (34.97 - 44.97)	71.9	
2Q17		4/3/2017	NE	38.09	NA	NA	NA	404.89		0.0	
3Q17		7/5/2017	NE	37.17	NA	NA	NA	405.81		0.0	
4Q17		10/2/2017	NE	36.85	NA	NA	NA	406.13		0.1	
1Q18		1/2/2018	NE	38.63	NA	NA	NA	404.35		0.0	
2Q18		4/2/2018	NE	39.82	NA	NA	NA	403.16		0.0	
3Q18		7/2/2018	NE	40.77	NA	NA	NA	402.21		0.0	
4Q18		10/1/2018	NE	40.23	NA	NA	NA	402.75		0.0	
1Q19		1/3/2019	NE	40.65	NA	NA	NA	402.33		0.0	
2Q19		4/1/2019	NE	40.88	NA	NA	NA	402.10		0.0	
3Q19	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	

**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)													
1Q17	441.96	1/16/2017	NE	36.94	NA	NA	NA	405.02	407.21 - 397.21 (34.75 - 44.75)	0.0			
2Q17		4/3/2017	NE	37.28	NA	NA	NA	404.68		0.0			
3Q17		7/5/2017	NE	36.48	NA	NA	NA	405.48		0.0			
4Q17		10/2/2017	NE	36.10	NA	NA	NA	405.86		0.3			
1Q18		1/2/2018	NE	37.85	NA	NA	NA	404.11		11.1			
2Q18		4/3/2018	NE	38.78	NA	NA	NA	403.18		0.0			
3Q18		7/2/2018	NE	39.54	NA	NA	NA	402.42		0.0			
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.37		0.0			
1Q19		1/2/2019	NE	39.48	NA	NA	NA	402.48		0.0			
2Q19		4/1/2019	NE	39.72	NA	NA	NA	402.24		0.0			
3Q19	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			
ROST 4 PZ(F)													
1Q17	442.12	1/16/2017	NE	37.20	NA	NA	NA	404.92	407.59 - 397.59 (34.53 - 44.53)	0.0			
2Q17		4/3/2017	NE	37.63	NA	NA	NA	404.49		0.0			
3Q17		7/5/2017	NE	36.67	NA	NA	NA	405.45		0.0			
4Q17		10/2/2017	NE	36.25	NA	NA	NA	405.87		0.0			
1Q18		1/2/2018	NE	38.07	NA	NA	NA	404.05		0.7			
2Q18		4/3/2018	NE	38.97	NA	NA	NA	403.15		0.0			
3Q18		7/2/2018	NE	39.57	NA	NA	NA	402.55		0.0			
4Q18		10/1/2018	NE	39.59	NA	NA	NA	402.53		0.0			
1Q19		1/2/2019	NE	39.51	NA	NA	NA	402.61		0.0			
2Q19		4/1/2019	NE	39.75	NA	NA	NA	402.37		0.0			
3Q19		7/1/2019	NE	37.32	NA	NA	NA	404.80		0.0			
4Q19		10/1/2019	NE	35.29	NA	NA	NA	406.83		0.0			
ROST 4 PZ(G)													
1Q17		442.13	1/16/2017	NE	37.57	NA	NA	NA		404.56	407.85 - 397.85 (34.28 - 44.28)	52.7	
2Q17	4/3/2017		NE	37.93	NA	NA	NA	404.20	0.4				
3Q17	7/5/2017		NE	36.77	NA	NA	NA	405.36	9.2				
4Q17	10/2/2017		NE	36.43	NA	NA	NA	405.70	27.2				
1Q18	1/2/2018		NE	38.97	NA	NA	NA	403.16	77.4				
2Q18	4/2/2018		NE	39.84	NA	NA	NA	402.29	0.2				
3Q18	7/2/2018		NE	40.87	NA	NA	NA	401.26	0.0				
4Q18	10/1/2018		NE	40.94	NA	NA	NA	401.19	0.0				
1Q19	1/3/2019		NE	40.74	NA	NA	NA	401.39	0.0				
2Q19	4/1/2019		NE	40.78	NA	NA	NA	401.35	0.0				
3Q19	442.20	7/1/2019	NE	37.00	NA	NA	NA	405.20	407.92 - 397.92 (34.28 - 44.28)	0.0			
4Q19		10/1/2019	NE	35.57	NA	NA	NA	406.63		0.0			
S 1													
1Q17	443.90	1/16/2017		39.30	39.37	404.53	404.60	0.07	404.59	Unknown	420		
2Q17		4/3/2017		39.35	39.41	404.49	404.55	0.06	404.54		356		
3Q17		7/6/2017		39.02	39.08	404.82	404.88	0.06	404.87		602		
4Q17		10/3/2017		39.45	39.61	404.29	404.45	0.16	404.42		163		
1Q18		1/3/2018		40.78	40.85	403.05	403.12	0.07	403.11		185		
2Q18		4/4/2018		42.44	42.50	401.40	401.46	0.06	401.45		191		
3Q18		7/3/2018		42.88	42.95	400.95	401.02	0.07	401.01		168		
4Q18		10/2/2018		42.90	43.02	400.88	401.00	0.12	400.98		176		
1Q19		1/3/2019		43.05	43.08	400.82	400.85	0.03	400.84		212		
2Q19		4/1/2019		42.84	42.85	401.05	401.06	0.01	401.06		572		
3Q19	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			
T 1													
1Q17	445.40	1/16/2017	NE	40.05	NA	NA	NA	405.35	398.40 - 388.40 (47.00 - 57.00)	0.0	*		
2Q17		4/3/2017	NE	40.51	NA	NA	NA	404.89		0.0	*		
3Q17		7/5/2017	NE	39.11	NA	NA	NA	406.29		0.0	*		
4Q17		10/2/2017	NE	39.30	NA	NA	NA	406.10		2.3	*		
1Q18		1/2/2018	NE	41.16	NA	NA	NA	404.24		8.0	*		
2Q18		4/2/2018	NE	42.22	NA	NA	NA	403.18		0.0	*		
3Q18		7/2/2018	NE	43.16	NA	NA	NA	402.24		0.0	*		
4Q18		10/2/2018	NE	43.33	NA	NA	NA	402.07		0.0	*		
1Q19		1/2/2019	NE	43.33	NA	NA	NA	402.07		0.0	*		
2Q19		4/1/2019	NE	43.44	NA	NA	NA	401.96		0.0	*		
3Q19	445.61	7/1/2019	NE	40.38	NA	NA	NA	405.23	398.61 - 388.61 (47.00 - 57.00)	0.0	*		
4Q19		10/1/2019	NE	38.74	NA	NA	NA	406.87		0.0	*		

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											
1Q17	443.21	1/16/2017	NE	37.95	NA	NA	NA	405.26	392.72 - 372.56 (50.49 - 70.64)	0.0	*
2Q17		4/3/2017	NE	38.30	NA	NA	NA	404.91		0.0	*
3Q17		7/5/2017	NE	37.21	NA	NA	NA	406.00		0.0	*
4Q17		10/3/2017	NE	37.54	NA	NA	NA	405.67		0.0	*
1Q18		1/2/2018	NE	38.82	NA	NA	NA	404.39		0.0	*
2Q18		4/2/2018	NE	40.07	NA	NA	NA	403.14		0.0	*
3Q18		7/2/2018	NE	41.40	NA	NA	NA	401.81		0.0	*
4Q18		10/1/2018	NE	41.69	NA	NA	NA	401.52		0.0	*
1Q19		1/3/2019	NE	41.83	NA	NA	NA	401.38		0.0	*
2Q19		4/2/2019	NE	41.72	NA	NA	NA	401.49		0.0	*
3Q19	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	*
T 3											
1Q17	449.03	1/17/2017	NE	44.71	NA	NA	NA	404.32	403.81 - 388.81 (45.22 - 60.22)	0.0	*
2Q17		4/3/2017	NE	45.05	NA	NA	NA	403.98		0.0	*
3Q17		7/6/2017	NE	44.04	NA	NA	NA	404.99		0.0	*
4Q17		10/3/2017	NE	44.42	NA	NA	NA	404.61		0.0	*
1Q18		1/2/2018	45.43	45.44	403.59	403.60	0.01	403.60		7.6	
2Q18		4/4/2018	NE	46.94	NA	NA	NA	402.09		0.1	
3Q18		7/2/2018	NE	48.85	NA	NA	NA	400.18		0.0	
4Q18		10/1/2018	NE	49.26	NA	NA	NA	399.77		0.0	
1Q19		1/2/2019	NE	49.53	NA	NA	NA	399.50		4.9	
2Q19		4/2/2019	NE	49.24	NA	NA	NA	399.79		0.0	
3Q19	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	
T 4											
1Q17	446.63	1/17/2017	NE	42.50	NA	NA	NA	404.13	396.32 - 383.32 (48.31 - 63.31)	0.0	*
2Q17		4/4/2017	NE	42.98	NA	NA	NA	403.65		12.4	*
3Q17		7/6/2017	NE	41.92	NA	NA	NA	404.71		0.0	*
4Q17		10/3/2017	NE	42.65	NA	NA	NA	403.98		0.0	*
1Q18		1/4/2018	NE	43.21	NA	NA	NA	403.42		10.4	*
2Q18		4/4/2018	NE	45.12	NA	NA	NA	401.51		0.0	*
3Q18		7/3/2018	NE	46.96	NA	NA	NA	399.67		0.0	*
4Q18		10/2/2018	NE	47.04	NA	NA	NA	399.59		0.1	*
1Q19		1/2/2019	NE	47.65	NA	NA	NA	398.98		0.0	*
2Q19		4/2/2019	NE	47.14	NA	NA	NA	399.49		0.0	*
3Q19	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	*
T 5											
1Q17	443.47	1/16/2017	NE	38.38	NA	NA	NA	405.09	395.14 - 378.59 (48.33 - 64.88)	2.6	*
2Q17		4/3/2017	NE	38.36	NA	NA	NA	405.11		0.0	*
3Q17		7/6/2017	NE	38.07	NA	NA	NA	405.40		9.4	*
4Q17		10/3/2017	NE	38.38	NA	NA	NA	405.09		40.9	*
1Q18		1/3/2018	NE	39.45	NA	NA	NA	404.02		3.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/3/2018	NE	41.59	NA	NA	NA	401.88		2.2	*
4Q18		10/2/2018	NE	41.87	NA	NA	NA	401.60		5.7	*
1Q19		1/3/2019	NE	42.11	NA	NA	NA	401.36		17.7	*
2Q19		4/1/2019	NE	41.84	NA	NA	NA	401.63		4.2	*
3Q19	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	*
T 6											
1Q17	446.61	1/16/2017	NE	42.50	NA	NA	NA	404.11	394.85 - 380.60 (51.76 - 66.01)	5.6	*
2Q17		4/3/2017	NE	42.71	NA	NA	NA	403.90		2.3	*
3Q17		7/5/2017	NE	41.60	NA	NA	NA	405.01		0.1	*
4Q17		10/2/2017	NE	41.92	NA	NA	NA	404.69		0.2	*
1Q18		1/2/2018	NE	44.30	NA	NA	NA	402.31		2.0	*
2Q18		4/3/2018	NE	44.81	NA	NA	NA	401.80		0.7	*
3Q18		7/2/2018	NE	45.61	NA	NA	NA	401.00		0.1	*
4Q18		10/1/2018	NE	45.58	NA	NA	NA	401.03		0.0	*
1Q19		1/2/2019	NE	45.42	NA	NA	NA	401.19		17.1	*
2Q19		4/1/2019	NE	45.24	NA	NA	NA	401.37		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	*

**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											
1Q17	444.04	1/17/2017	NE	38.52	NA	NA	NA	405.52	395.32 - 380.32 (48.72 - 63.72)	2.5	*
2Q17		4/4/2017	NE	38.84	NA	NA	NA	405.20		0.8	*
3Q17		7/6/2017	NE	37.53	NA	NA	NA	406.51		0.0	*
4Q17		10/2/2017	NE	38.09	NA	NA	NA	405.95		0.0	*
1Q18		1/4/2018	39.98	39.99	404.05	404.06	0.01	404.06		2.5	*
2Q18		4/4/2018	NE	41.13	NA	NA	NA	402.91		3.5	*
3Q18		7/2/2018	NE	41.17	NA	NA	NA	402.87		0.0	*
4Q18		10/3/2018	NE	41.08	NA	NA	NA	402.96		0.0	*
1Q19		1/4/2019	NE	40.97	NA	NA	NA	403.07		5.8	*
2Q19		4/2/2019	NE	40.78	NA	NA	NA	403.26		59.6	*
3Q19	444.26	7/2/2019	NE	37.14	NA	NA	NA	407.12	395.54 - 380.54 (48.72 - 63.72)	0.6	*
4Q19		10/2/2019	NE	36.23	NA	NA	NA	408.03		0.9	*
T 12											
1Q17	444.80	1/16/2017	NE	40.70	NA	NA	NA	404.10	397.97 - 371.97 (46.83 - 72.83)	1.7	*
2Q17		4/3/2017	NE	40.86	NA	NA	NA	403.94		0.9	*
3Q17		7/5/2017	NE	40.06	NA	NA	NA	404.74		0.7	*
4Q17		10/2/2017	NE	39.15	NA	NA	NA	405.65		0.3	*
1Q18		1/3/2018	NE	42.06	NA	NA	NA	402.74		6.1	*
2Q18		4/2/2018	NE	43.06	NA	NA	NA	401.74		3.8	*
3Q18		7/2/2018	NE	44.21	NA	NA	NA	400.59		0.1	*
4Q18		10/1/2018	NE	44.18	NA	NA	NA	400.62		1.2	*
1Q19		1/2/2019	NE	44.03	NA	NA	NA	400.77		315	*
2Q19		4/1/2019	NE	44.11	NA	NA	NA	400.69		15.1	*
3Q19	444.99	7/1/2019	NE	40.35	NA	NA	NA	404.64	398.16 - 372.16 (46.83 - 72.83)	1.1	*
4Q19		10/1/2019	NE	38.66	NA	NA	NA	406.33		0.8	*
T 13											
1Q17	443.96	1/16/2017	NE	38.06	NA	NA	NA	405.90	396.46 - 370.46 (47.50 - 73.50)	0.4	*
2Q17		4/3/2017	NE	38.50	NA	NA	NA	405.46		0.0	*
3Q17		7/5/2017	NE	37.10	NA	NA	NA	406.86		0.0	*
4Q17		10/3/2017	NE	37.38	NA	NA	NA	406.58		0.0	*
1Q18		1/2/2018	NE	38.96	NA	NA	NA	405.00		3.7	*
2Q18		4/2/2018	NE	39.93	NA	NA	NA	404.03		0.0	*
3Q18		7/2/2018	NE	40.85	NA	NA	NA	403.11		0.0	*
4Q18		10/1/2018	NE	41.24	NA	NA	NA	402.72		0.1	*
1Q19		1/2/2019	NE	41.25	NA	NA	NA	402.71		0.0	*
2Q19		4/1/2019	NE	41.34	NA	NA	NA	402.62		0.0	*
3Q19	443.76	7/1/2019	NE	38.35	NA	NA	NA	405.41	399.95 - 373.95 (43.81 - 69.81)	0.0	*
4Q19		10/1/2019	NE	36.78	NA	NA	NA	406.98		0.1	*
T 15											
1Q17	445.14	1/16/2017	NE	39.71	NA	NA	NA	405.43	397.10 - 371.10 (48.04 - 74.04)	0.0	*
2Q17		4/3/2017	NE	40.08	NA	NA	NA	405.06		0.0	*
3Q17		7/6/2017	NE	38.98	NA	NA	NA	406.16		0.0	*
4Q17		10/3/2017	NE	39.39	NA	NA	NA	405.75		0.0	*
1Q18		1/3/2018	NE	40.36	NA	NA	NA	404.78		0.0	*
2Q18		4/2/2018	41.62	41.71	403.43	403.52	0.09	403.50		0.0	*Gauging result anomalous
		6/8/2018	NE	42.98	NA	NA	NA	402.16		0.0	*
3Q18		7/2/2018	NE	43.32	NA	NA	NA	401.82		0.0	*
4Q18		10/1/2018	NE	43.53	NA	NA	NA	401.61		0.0	*
1Q19		1/4/2019	NE	43.78	NA	NA	NA	401.36		0.0	*
2Q19	4/2/2019	NE	43.76	NA	NA	NA	401.38	0.0	*		
3Q19	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	*
T 17											
1Q17	446.01	1/16/2017	NE	38.11	NA	NA	NA	407.90	401.91 - 375.91 (44.10 - 70.10)	0.0	*
2Q17		4/3/2017	NE	38.42	NA	NA	NA	407.59		0.0	*
3Q17		7/6/2017	NE	36.63	NA	NA	NA	409.38		2.6	*
4Q17		10/3/2017	NE	37.78	NA	NA	NA	408.23		0.0	*
1Q18		1/3/2018	NE	38.74	NA	NA	NA	407.27		0.8	*
2Q18		4/3/2018	NE	40.01	NA	NA	NA	406.00		0.0	*
		7/2/2018	NE	41.25	NA	NA	NA	404.76		0.0	*
4Q18		10/1/2018	NE	41.70	NA	NA	NA	404.31		0.0	*
1Q19		1/2/2019	NE	42.66	NA	NA	NA	403.35		0.0	*
2Q19		4/2/2019	NE	42.32	NA	NA	NA	403.69		0.0	*
3Q19	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	*

**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 19											
1Q17	446.79	1/17/2017	NE	42.63	NA	NA	NA	404.16	396.02 - 370.02 (50.77 - 76.77)	3.1	*
2Q17		4/4/2017	NE	43.04	NA	NA	NA	403.75		18.5	*
3Q17		7/6/2017	NE	42.15	NA	NA	NA	404.64		92.6	*
4Q17		10/3/2017	NE	42.74	NA	NA	NA	404.05		4.9	*
1Q18		1/4/2018	NE	43.34	NA	NA	NA	403.45		236	*
2Q18		4/4/2018	NE	45.19	NA	NA	NA	401.60		7.6	*
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	*
T 21											
1Q17	443.99	1/17/2017	NE	29.97	NA	NA	NA	414.02	412.03 - 386.03 (31.96 - 57.96)	0.0	*
2Q17		4/4/2017	NE	30.65	NA	NA	NA	413.34		0.0	*
3Q17		7/6/2017	NE	28.80	NA	NA	NA	415.19		0.0	*
4Q17		10/2/2017	NE	29.28	NA	NA	NA	414.71		0.0	*
1Q18		1/4/2018	NE	30.74	NA	NA	NA	413.25		0.0	*
2Q18		4/4/2018	NE	32.13	NA	NA	NA	411.86		0.0	*
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	*
T 22											
1Q17	442.19	1/17/2017	NE	31.82	NA	NA	NA	410.37	410.64 - 384.94 (31.55 - 57.25)	0.0	*
2Q17		4/4/2017	NE	32.43	NA	NA	NA	409.76		0.0	*
3Q17		7/6/2017	NE	30.35	NA	NA	NA	411.84		0.0	*
4Q17		10/2/2017	NE	31.25	NA	NA	NA	410.94		0.0	*
1Q18		1/4/2018	NE	32.91	NA	NA	NA	409.28		1.0	*
2Q18		4/4/2018	NE	33.96	NA	NA	NA	408.23		0.0	*
3Q18		7/2/2018	NE	33.76	NA	NA	NA	408.43		0.0	*
4Q18		10/3/2018	NE	33.96	NA	NA	NA	408.23		0.0	*
1Q19		1/4/2019	NE	34.06	NA	NA	NA	408.13		0.0	*
2Q19		4/2/2019	NE	33.83	NA	NA	NA	408.36		0.0	*
3Q19	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	*
T 23											
1Q17	432.69	1/16/2017	NE	24.61	NA	NA	NA	408.08	405.46 - 379.46 (27.23 - 53.23)	0.0	*
2Q17		4/4/2017	NM	NM	NA	NA	NA	NA		NM	Unable to locate well due to landscaping
3Q17		7/6/2017	NE	23.15	NA	NA	NA	409.54		0.0	*
4Q17		10/3/2017	NE	24.50	NA	NA	NA	408.19		0.0	*
1Q18		1/3/2018	NE	26.07	NA	NA	NA	406.62		0.0	*
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unable to locate well due to landscaping
3Q18		7/2/2018	NE	26.63	NA	NA	NA	406.06		0.0	*
4Q18		10/3/2018	NE	26.83	NA	NA	NA	405.86		0.0	*
1Q19		1/4/2019	NE	26.65	NA	NA	NA	406.04		0.0	*
2Q19		4/2/2019	NE	26.26	NA	NA	NA	406.43		0.0	*
3Q19	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	*
T 24											
1Q17	443.81	1/16/2017	NE	39.11	NA	NA	NA	404.70	402.31 - 376.66 (41.50 - 67.15)	9.0	*
2Q17		4/3/2017	39.41	39.97	403.84	404.40	0.56	404.29		0.0	*
3Q17		7/5/2017	38.53	38.65	405.16	405.28	0.12	405.26		1.6	*
4Q17		10/2/2017	38.40	38.49	405.32	405.41	0.09	405.39		0.0	*
1Q18		1/2/2018	40.49	40.57	403.24	403.32	0.08	403.30		7.2	*
2Q18		4/2/2018	41.53	41.62	402.19	402.28	0.09	402.26		0.6	*
3Q18		7/2/2018	42.79	42.87	400.94	401.02	0.08	401.00		0.4	*
4Q18		10/2/2018	42.79	43.08	400.73	401.02	0.29	400.96		0.4	*
1Q19		1/3/2019	42.71	43.54	400.27	401.10	0.83	400.93		31.0	*
2Q19		4/1/2019	42.69	44.05	399.76	401.12	1.36	400.85		16.0	*
3Q19	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	*

**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											
1Q17	444.43	1/16/2017	NE	38.05	NA	NA	NA	406.38	Unknown	0.0	
2Q17		4/3/2017	NE	38.42	NA	NA	NA	406.01		0.0	
3Q17		7/6/2017	NE	36.85	NA	NA	NA	407.58		0.0	
4Q17		10/3/2017	NE	37.73	NA	NA	NA	406.70		0.0	
1Q18		1/3/2018	NE	38.57	NA	NA	NA	405.86		0.0	
2Q18		4/2/2018	NE	39.84	NA	NA	NA	404.59		0.0	
3Q18		7/2/2018	NE	41.39	NA	NA	NA	403.04		0.0	
4Q18		10/1/2018	NE	41.88	NA	NA	NA	402.55		0.0	
1Q19		1/2/2019	NE	42.55	NA	NA	NA	401.88		0.0	
2Q19		4/2/2019	NE	42.26	NA	NA	NA	402.17		0.0	
3Q19	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		
T 37											
1Q17	447.25	1/17/2017	NE	38.58	NA	NA	NA	408.67	398.40 - 378.40 (48.85 - 68.85)	0.0	*
2Q17		4/4/2017	NE	39.15	NA	NA	NA	408.10		0.5	*
3Q17		7/6/2017	NE	37.34	NA	NA	NA	409.91		0.0	*
4Q17		10/3/2017	NE	38.02	NA	NA	NA	409.23		0.0	*
1Q18		1/4/2018	NE	39.08	NA	NA	NA	408.17		0.1	*
2Q18		4/3/2018	NE	40.33	NA	NA	NA	406.92		0.0	*
3Q18		7/3/2018	NE	41.26	NA	NA	NA	405.99		0.0	*
4Q18		10/2/2018	NE	41.59	NA	NA	NA	405.66		0.1	*
1Q19		1/3/2019	NE	42.52	NA	NA	NA	404.73		0.0	*
2Q19		4/2/2019	NE	42.25	NA	NA	NA	405.00		0.0	*
3Q19	447.44	7/2/2019	NE	41.46	NA	NA	NA	405.98	0.0	*	
4Q19		10/2/2019	NE	39.97	NA	NA	NA	407.47	0.0	*	
T 38											
1Q17	445.67	1/17/2017	NE	35.86	NA	NA	NA	409.81	396.53 - 376.53 (49.14 - 69.14)	0.0	*
2Q17		4/4/2017	NE	36.49	NA	NA	NA	409.18		0.0	*
3Q17		7/6/2017	NE	34.15	NA	NA	NA	411.52		0.0	*
4Q17		10/3/2017	NE	35.02	NA	NA	NA	410.65		0.0	*
1Q18		1/4/2018	NE	36.13	NA	NA	NA	409.54		22.5	*
2Q18		4/3/2018	NE	37.21	NA	NA	NA	408.46		0.0	*
3Q18		7/3/2018	NE	37.95	NA	NA	NA	407.72		0.0	*
4Q18		10/2/2018	NE	38.32	NA	NA	NA	407.35		0.0	*
1Q19		1/3/2019	NE	39.25	NA	NA	NA	406.42		0.0	*
2Q19		4/2/2019	NE	38.99	NA	NA	NA	406.68		0.0	*
3Q19	445.89	7/2/2019	NE	37.60	NA	NA	NA	408.29	0.0	*	
4Q19		10/2/2019	NE	36.31	NA	NA	NA	409.58	0.0	*	
T 62											
1Q17	431.99	1/17/2017	NE	26.70	NA	NA	NA	405.29	412.28 - 382.28 (19.71 - 49.71)	0.0	
2Q17		4/5/2017	NE	27.25	NA	NA	NA	404.74		0.0	
3Q17		7/6/2017	NE	24.51	NA	NA	NA	407.48		0.5	
4Q17		10/2/2017	NE	26.21	NA	NA	NA	405.78		0.0	
1Q18		1/3/2018	NE	28.34	NA	NA	NA	403.65		0.0	
2Q18		4/4/2018	NE	29.20	NA	NA	NA	402.79		0.0	
3Q18		7/2/2018	NE	28.77	NA	NA	NA	403.22		0.0	
4Q18		10/2/2018	NE	28.78	NA	NA	NA	403.21		0.0	
1Q19		1/3/2019	NE	28.30	NA	NA	NA	403.69		0.1	
2Q19		4/2/2019	NE	27.45	NA	NA	NA	404.54		0.0	
3Q19	432.16	7/30/2019	NE	21.97	NA	NA	NA	410.19	0.1		
4Q19		10/2/2019	NE	22.97	NA	NA	NA	409.19	0.0		
T 63											
1Q17	431.43	1/17/2017	NE	26.49	NA	NA	NA	404.94	411.45 - 381.45 (19.98 - 49.98)	0.0	
2Q17		4/5/2017	NE	27.02	NA	NA	NA	404.41		0.0	
3Q17		7/6/2017	NE	23.88	NA	NA	NA	407.55		0.0	
4Q17		10/2/2017	NE	25.98	NA	NA	NA	405.45		0.0	
1Q18		1/3/2018	NE	27.82	NA	NA	NA	403.61		0.0	
2Q18		4/4/2018	NE	28.86	NA	NA	NA	402.57		0.0	
3Q18		7/2/2018	NE	28.83	NA	NA	NA	402.60		0.0	
4Q18		10/2/2018	NE	27.93	NA	NA	NA	403.50		0.0	
1Q19		1/3/2019	NE	27.42	NA	NA	NA	404.01		0.0	
2Q19		4/2/2019	NE	26.69	NA	NA	NA	404.74		0.0	
3Q19	431.55	7/30/2019	NE	20.84	NA	NA	NA	410.71	0.0		
4Q19		10/2/2019	NE	22.20	NA	NA	NA	409.35	0.0		

**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											
1Q17	428.93	1/17/2017	NE	24.91	NA	NA	NA	404.02	409.12 - 379.12 (19.81 - 49.81)	0.0	
2Q17		4/5/2017	NE	25.13	NA	NA	NA	403.80		0.0	
3Q17		7/6/2017	NE	21.57	NA	NA	NA	407.36		0.0	
4Q17		10/2/2017	NE	24.24	NA	NA	NA	404.69		0.0	
1Q18		1/3/2018	NE	26.04	NA	NA	NA	402.89		0.0	
2Q18		4/4/2018	NM	NM	NA	NA	NA	NA		NM	Unsafe condition at well - Unable to access
3Q18		7/2/2018	NE	25.63	NA	NA	NA	403.30		0.0	
4Q18		10/2/2018	NE	25.47	NA	NA	NA	403.46		0.0	
1Q19		1/4/2019	NE	24.88	NA	NA	NA	404.05		0.0	
2Q19		4/3/2019	NE	23.94	NA	NA	NA	404.99		0.0	
3Q19	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	*

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 V llage 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 1Q18 and 1Q19.
- 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 to 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
VMP-41			10	20	26	Public Works Yard
VMP-42			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 3rd Street
VMP-43			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-44			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 5th Street
VMP-45			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 6th Street
VMP-46			10	20	30	WRR - North Property
VMP-47	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and 2nd Street
VMP-48	5		10	20	30	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-49	5		10	20	30	Village of Roxana - Alley Between 3rd and 4th Street
VMP-50	5		10	20	30	Village of Roxana - Alley Between 4th and 5th Street
VMP-51	5		10	20	30	Village of Roxana - Alley Between 5th and 6th Street
VMP-52	5		10	20	30	Village of Roxana - Alley Between 6th and 7th Street
VMP-53	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-54	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-55	5		10	20	30	Public Works Yard Area; Route 111 Right-of-Way
VMP-56			10	25	38.5	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-57	5		10	20		WRR - North Property
VMP-58	5		10	20	30	WRR - North Property
VMP-59	5		10	20	30	WRR - North Property
VMP-60	5		10	20	33.5	WRR - North Property
VMP-61	5		10	20	30	WRR - North Property
VMP-62	5		10	20	30	Village of Roxana - Alley Between 1st and 2nd Street
VMP-63	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and 1st Street
VMP-64	5		10	20	28	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and Tydeman

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-1	5	1/23/2019	61.1	0.0	N/A	50.2	0.0	11.5	0.0	0.0	0	0.1	20.8	
		4/30/2019	64.0	0.0	N/A	51.3	0.0	0.0	0.7	0.0	0	0.2	20.3	
		7/23/2019	50.7	0.0	N/A	50.5	0.1	0.0	0.1	0.0	0	0.9	19.1	
		10/24/2019	60.1	0.0	N/A	59.9	0.0	0.0	0.0	0.0	0	0.1	20.8	
	8.5	1/23/2019	60.0	0.0	N/A	51.3	0.0	4.2	0.0	0.0	0	0.1	20.5	
		4/30/2019	63.5	0.0	N/A	50.6	0.0	0.0	0.7	0.0	0	0.2	20.4	
		7/23/2019	52.8	0.0	N/A	51.1	0.0	0.0	0.1	0.0	0	0.7	19.4	
		10/24/2019	55.5	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.1	20.8	
		11/15/2019 ¹²	55.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.2	20.9	
	23.5	1/23/2019	60.4	0.0	N/A	54.3	0.0	2.2	0.0	0.0	0	0.1	20.3	
		4/30/2019	63.4	0.4	N/A	50.8	0.5	0.0	0.4	0.0	0	0.1	20.5	
		7/23/2019	56.6	0.0	N/A	55.2	0.0	0.8	0.4	0.0	0	0.8	19.3	
		10/24/2019	61.5	0.0	N/A	60.0	0.0	0.0	0.0	0.0	0	0.2	20.7	
	38.5	1/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/24/2019 ⁹		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-2	5	1/23/2019	57.1	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.0	20.2	
		4/26/2019	58.8	0.0	N/A	57.1	0.0	0.0	0.3	0.0	0	1.3	19.5	
		7/25/2019	58.1	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	4.4	15.8	
		10/21/2019	59.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	3.1	18.3	
	8.5	1/23/2019	60.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.0	20.1	
		4/26/2019	59.3	0.0	N/A	56.1	0.0	0.0	0.3	0.0	0	1.3	19.3	
		7/25/2019	57.7	0.0	N/A	54.3	0.0	0.0	0.2	0.0	0	3.2	16.5	
		10/21/2019	53.0	0.0	N/A	59.7	0.0	0.0	0.1	0.0	0	4.2	17.2	
	22	1/23/2019	55.5	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	2.2	19.8	
		4/26/2019	55.3	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	1.3	19.4	
		7/25/2019	56.1	1.8	N/A	58.5	4.8	0.0	0.1	0.0	0	1.7	17.1	
		10/21/2019	55.8	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	3.6	17.3	
	42	1/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	1/24/2019	60.0	0.3	N/A	50.2	1.1	0.0	0.2	0.0	0	0.0	20.4	
		4/29/2019	61.9	0.0	N/A	53.6	0.7	0.0	0.7	0.0	0	0.1	20.5	
		7/25/2019	60.0	0.0	N/A	53.1	2.0	0.0	0.2	0.0	0	0.4	20.1	
		10/18/2019	55.0	0.0	N/A	51.7	0.8	0.0	0.1	0.0	0	0.0	20.7	
	10	1/24/2019	61.0	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.0	20.8	
		4/29/2019	64.0	0.0	N/A	52.7	0.2	0.0	0.2	0.0	0	0.4	20.0	
		7/25/2019	59.8	0.0	N/A	53.1	1.0	0.0	0.2	0.0	0	0.5	19.2	
		10/18/2019	58.5	0.0	N/A	50.2	0.1	0.0	0.1	0.0	0	0.1	20.8	
	22	1/24/2019	60.0	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	0.5	20.5	
		4/29/2019	62.9	0.0	N/A	52.7	0.0	0.0	0.3	0.0	0	0.3	19.7	
		7/25/2019	64.1	0.0	N/A	52.2	0.0	0.0	0.1	0.0	0	1.4	19.6	
		10/18/2019	56.2	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	0.3	20.3	
	31.5	1/24/2019	60.8	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	8.6	13.2	
		4/29/2019	62.2	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	6.6	15.2	
		7/25/2019	60.1	0.0	N/A	51.8	0.0	3.1	0.2	0.0	0	4.5	15.8	
		10/18/2019	56.1	0.2	19.6	53.3	0.1	32810	648	25.4	OVR	6.8	9.7	
39	1/24/2019	62.1	0.0	N/A	51.5	0.0	3.5	0.4	0.0	0	5.2	16.9		
	4/29/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/18/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-4	5	1/21/2019	61.6	0.1	N/A	50.3	0.0	0.0	0.1	0.0	0	0.1	20.8	
		4/30/2019	63.5	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.1	20.8	
		7/25/2019	56.9	0.0	N/A	53.8	0.0	0.0	0.1	0.0	0	0.1	20.4	
		10/21/2019	58.6	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	0.0	20.8	
	12	1/21/2019	59.1	0.0	N/A	56.9	0.0	0.0	0.1	0.0	0	0.1	20.7	
		4/30/2019	64.9	0.0	N/A	55.8	0.0	0.0	0.3	0.0	0	0.3	20.8	
		7/25/2019	57.0	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.2	20.1	
		10/21/2019	57.6	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	0.1	20.8	
	23.5	1/21/2019	61.0	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	2.5	19.0	
		4/30/2019	62.7	0.0	N/A	53.7	0.0	0.0	0.5	0.0	0	1.1	19.7	
		7/25/2019	58.7	0.0	N/A	53.9	0.0	4.0	0.3	0.0	0	1.2	19.1	
		10/21/2019	58.1	0.0	N/A	53.7	0.0	26.9	0.2	0.0	0	2.3	18.3	
	39	1/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-5	5	1/22/2019	53.5	0.0	N/A	53.0	0.0	0.0	0.2	0.0	0	0.0	20.7
		5/1/2019	53.9	0.0	N/A	50.2	0.0	0.4	0.5	0.0	0	0.0	20.8
		7/24/2019	57.8	0.0	N/A	51.3	0.0	0.4	0.2	0.0	0	0.0	20.7
		10/21/2019	55.2	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.0	20.7
	12.5	1/22/2019	60.8	0.0	N/A	54.4	0.0	0.0	0.2	0.0	0	0.2	20.6
		5/1/2019	56.7	0.0	N/A	52.0	0.0	1.8	0.3	0.0	0	0.1	20.7
		7/24/2019	57.6	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.4	20.0
		10/21/2019	54.9	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.2	20.5
	31	1/22/2019	60.3	0.0	N/A	56.0	0.0	0.0	0.1	0.0	0	0.5	20.4
		5/1/2019	57.7	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.3	20.3
		7/24/2019	58.0	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	1.4	20.1
		10/21/2019	60.0	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.3	19.8
	40	2/4/2019	60.6	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	1.2	19.8
		5/1/2019	58.1	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	0.9	19.6
		7/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-6	5	1/31/2019 ⁸	61.2	0.0	N/A	50.7	0.0	0.0	0.4	0.0	0	0.5	20.2
		4/25/2019	60.2	0.0	N/A	57.3	0.0	0.0	0.7	0.0	0	0.1	20.6
		7/22/2019	57.2	0.0	N/A	53.8	2.1	0.0	0.1	0.0	0	0.0	20.0
		10/25/2019	51.2	0.0	N/A	50.2	0.7	0.0	0.0	0.0	0	0.0	20.8
	10	1/22/2019	57.6	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	0.5	20.6
		4/25/2019	53.6	0.0	N/A	53.2	0.0	0.0	0.5	0.0	0	0.5	20.0
		7/22/2019	52.9	1.1	N/A	52.9	0.5	0.0	0.2	0.0	0	0.7	20.0
		10/25/2019	52.3	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.3	20.6
	31.5	2/1/2019	59.6	0.0	N/A	54.1	0.0	0.0	0.2	0.0	0	2.8	18.2
		4/25/2019	57.7	0.0	N/A	56.0	0.0	1.8	0.4	0.0	0	2.0	19.1
		7/22/2019	58.6	0.2	N/A	55.8	0.4	19.5	0.7	0.0	0	1.7	19.0
		10/25/2019	53.4	0.3	N/A	53.4	0.0	1.3	0.0	0.0	0	2.0	19.3
	39	1/22/2019	62.8	0.0	N/A	54.4	0.0	0.0	0.1	0.0	0	3.4	17.5
		4/25/2019	55.9	0.0	N/A	52.1	0.0	0.0	0.8	0.0	0	2.6	18.7
		7/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-7	5	1/22/2019	62.5	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	0.1	20.6
		4/25/2019	57.9	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	0.2	20.7
		7/23/2019	50.2	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.1	20.7
		10/24/2019	87.2	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.7
	13.5	2/1/2019	56.6	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	59.8	0.0	N/A	54.9	0.0	0.0	0.6	0.0	0	0.3	20.6
		7/23/2019	53.3	0.1	N/A	51.7	0.0	0.0	0.1	0.0	0	0.2	20.5
		10/24/2019	54.2	0.0	N/A	78.7	0.0	0.0	0.0	0.0	0	0.1	20.8
	29.5	2/1/2019	57.1	0.0	N/A	50.8	0.0	0.0	0.2	0.0	0	2.4	18.7
		4/25/2019	56.1	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	1.1	20.0
		7/23/2019	55.7	0.0	N/A	54.9	0.0	0.0	0.1	0.0	0	2.0	18.5
		10/24/2019	52.1	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	2.1	19.1
	38	1/22/2019	61.4	0.0	N/A	50.4	0.0	0.0	0.4	0.0	0	2.7	18.6
		4/25/2019	58.5	0.0	N/A	56.5	0.0	0.0	0.5	0.0	0	1.6	19.6
		7/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-8	5	1/18/2019	60.6	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.5	19.0
		4/24/2019	60.6	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	0.8	19.3
		7/22/2019	76.8	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	0.7	19.2
		10/18/2019	62.6	0.0	N/A	70.9	0.0	0.0	0.1	0.0	0	2.5	18.9
	9.5	1/18/2019	60.7	0.0	N/A	62.0	0.0	0.0	0.2	0.0	0	3.4	17.6
		4/24/2019	62.3	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	2.0	18.4
		7/22/2019	53.9	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	2.7	17.8
		10/18/2019	53.4	0.9	N/A	67.3	0.9	0.0	0.1	0.0	0	4.4	16.8
	23.5	2/27/2019 ¹³	60.9	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	3.4	17.5
		4/24/2019	64.2	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	3.2	17.6
		7/22/2019	63.3	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	3.3	17.2
		10/18/2019	52.9	0.0	N/A	68.8	0.0	0.0	0.1	0.0	0	4.5	16.3
	35.5	1/18/2019	63.7	0.6	N/A	53.5	1.2	0.0	0.1	0.0	0	1.5	19.0
		4/24/2019	52.3	0.2	N/A	50.4	1.4	0.0	0.3	0.0	0	0.9	19.4
		7/22/2019	51.6	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	3.2	17.8
		10/18/2019	53.0	0.1	N/A	71.4	0.2	0.0	0.1	0.0	0	1.3	19.6

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-9	5	1/25/2019 ⁸	58.9	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/24/2019	58.4	0.0	N/A	56.2	0.0	0.0	0.4	0.0	0	0.2	20.6
		7/19/2019	57.7	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.3	20.6
		10/25/2019	59.4	0.0	N/A	57.4	0.0	0.0	0.0	0.0	0	0.2	20.7
	11.5	1/31/2019 ⁸	58.1	0.0	N/A	52.0	0.0	0.0	0.3	0.0	0	0.2	20.6
		4/24/2019	55.3	0.1	N/A	53.8	0.1	0.0	0.3	0.0	0	0.5	20.4
		7/19/2019	55.2	0.0	N/A	50.2	0.1	0.0	0.1	0.0	0	0.8	20.2
		10/25/2019	54.8	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.4	20.5
	25.5	1/18/2019	54.0	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	1.0	20.3
		4/24/2019	53.3	0.0	N/A	51.8	0.0	0.0	0.3	0.0	0	0.6	20.0
		7/19/2019	57.6	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	1.0	20.0
		10/25/2019	51.3	0.2	N/A	52.7	0.0	0.0	0.0	0.0	0	1.2	19.9
	38.5	1/18/2019	58.7	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	2.7	18.9
		4/24/2019	57.1	0.0	N/A	52.2	0.0	0.0	0.6	0.0	0	2.1	19.3
		7/19/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-10	5	1/24/2019	61.1	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.1	20.8
		5/2/2019	58.9	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	0.4	20.4
		7/26/2019	62.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	1.0	19.5
		10/25/2019	52.8	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	0.5	20.5
	10	1/24/2019	61.1	0.0	N/A	57.1	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/2/2019	53.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	0.4	20.5
		7/26/2019	55.9	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	1.1	19.4
		10/25/2019	51.9	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.8	20.2
	20	1/24/2019	60.7	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	0.6	20.4
		5/2/2019	61.8	0.0	N/A	52.7	0.0	0.0	0.4	0.0	0	0.2	20.5
		7/26/2019	59.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.9	19.6
		10/25/2019	53.1	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	1.6	19.6
	30	2/1/2019	60.7	0.0	N/A	57.6	0.0	0.0	0.2	0.0	0	1.1	19.7
		5/2/2019	60.0	0.0	N/A	55.1	0.0	0.0	0.3	0.0	0	0.5	20.4
		7/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-11	5	2/4/2019	61.2	0.0	N/A	50.4	0.0	0.0	0.3	0.0	0	0.5	20.1
		4/30/2019	60.1	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	0.8	20.3
		7/31/2019	57.6	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	2.2	15.4
		10/25/2019	50.2	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	1.6	19.5
	8	2/4/2019	62.3	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	0.6	19.9
		4/30/2019	52.6	0.0	N/A	68.3	0.0	0.0	0.4	0.0	0	0.8	20.0
		7/31/2019	59.2	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	2.4	17.8
		10/25/2019	50.4	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	1.2	19.6
	29	2/4/2019	60.8	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	1.4	19.7
		4/30/2019	54.0	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	1.0	20.0
		7/31/2019	56.1	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	1.5	18.5
		10/25/2019	55.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	1.8	18.7
	38	1/31/2019	62.2	0.0	N/A	52.5	0.0	0.0	0.1	0.0	0	1.4	19.5
		4/30/2019	53.7	0.0	N/A	62.3	0.0	0.0	0.0	0.0	0	0.6	20.4
		7/31/2019	57.7	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	1.7	19.2
		10/25/2019	51.8	0.0	N/A	51.4	0.0	0.0	0.0	0.0	0	0.9	19.9
VMP-12	5	1/28/2019	56.7	0.0	N/A	51.9	0.0	0.0	0.3	0.0	0	0.1	20.0
		5/3/2019	64.8	0.0	N/A	50.3	0.0	0.0	0.4	0.0	0	0.1	20.6
		7/24/2019	55.9	0.0	N/A	50.8	0.0	0.6	0.2	0.0	0	0.0	20.9
		10/22/2019	56.6	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	0.0	20.8
	11.5	1/28/2019	59.7	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.5	19.9
		5/3/2019	64.4	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.3	20.5
		7/24/2019	60.1	0.0	N/A	50.3	0.0	0.5	0.2	0.0	0	0.0	20.9
		10/22/2019	58.1	0.0	N/A	56.2	0.0	0.0	0.0	0.0	0	0.1	20.5
	25	1/28/2019	55.4	0.0	N/A	54.8	0.0	216	0.4	0.0	0	6.9	9.8
		5/3/2019	64.3	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	1.8	18.0
		7/24/2019	63.8	0.0	N/A	51.9	0.0	0.2	0.1	0.0	0	1.2	18.7
		10/22/2019	57.9	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	2.5	17.6
	39	1/28/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-13	5	1/29/2019	57.5	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	0.1	20.7
		5/1/2019	64.2	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.1	20.2
		7/31/2019	53.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.9	19.4
		10/28/2019	50.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	0.6	20.4
	10.5	1/29/2019	52.1	0.4	N/A	50.9	0.0	0.0	0.0	0.0	0	0.1	20.5
		5/1/2019	64.2	0.0	N/A	52.3	0.0	0.0	0.1	0.0	0	0.1	20.2
		7/31/2019	59.4	0.0	N/A	50.6	0.0	2.9	0.1	0.0	0	0.5	19.8
		10/28/2019	52.1	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	0.9	20.2
	21.5	2/4/2019	50.7	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	0.2	20.6
		5/1/2019	64.5	0.0	N/A	51.9	0.0	0.0	0.2	0.0	0	0.1	20.0
		7/31/2019	54.4	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.1	20.1
		10/28/2019	52.0	0.0	N/A	52.8	0.0	4.4	0.0	0.0	0	0.6	20.3
29.5	1/29/2019	55.6	0.0	N/A	54.0	0.0	0.0	0.1	0.0	0	0.4	20.2	
	5/1/2019	64.9	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	0.2	20.6	
	7/31/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/28/2019	50.6	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	1.0	20.1	
VMP-14	5	1/29/2019	59.2	0.0	N/A	53.9	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/1/2019	55.3	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.2	19.9
		7/30/2019	52.2	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	0.7	19.8
		10/28/2019	52.8	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.4	20.6
	11.5	1/29/2019	52.4	0.0	N/A	51.8	0.0	0.0	0.2	0.0	0	0.1	20.7
		5/1/2019	59.4	0.0	N/A	50.3	0.0	0.0	1.1	0.0	0	0.5	19.8
		7/30/2019	52.8	1.5	N/A	51.3	0.7	0.0	0.3	0.0	0	0.7	19.6
		10/28/2019	52.1	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.4	20.5
	20	2/4/2019	60.1	0.0	N/A	51.1	0.0	5.3	0.9	0.0	0	14.1	2.7
		5/1/2019	59.5	0.0	N/A	54.5	0.0	2.2	1.4	0.0	0	8.7	7.7
		7/30/2019	51.8	0.0	N/A	50.7	0.0	2.0	0.0	0.0	0	8.6	8.9
		10/28/2019	53.7	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	8.5	12.1
	29	2/4/2019	61.4	0.0	N/A	59.4	0.0	0.0	0.6	0.0	0	6.6	10.9
		5/1/2019	57.9	0.0	N/A	52.4	0.0	0.0	0.9	0.0	0	4.6	13.0
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-15	5	1/24/2019	52.8	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.5	18.4
		5/1/2019	64.3	0.0	N/A	51.2	0.0	0.0	1.5	0.0	0	2.4	16.2
		7/30/2019	52.7	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	5.0	12.7
		10/22/2019	60.9	0.0	N/A	59.8	0.0	0.0	0.1	0.0	0	4.7	15.8
	21.5	1/24/2019	55.3	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	12.8	3.9
		5/1/2019	64.4	1.2	7.6	51.3	1.4	115000	2.6	7.6	OVR	8.1	0.6
		7/30/2019	51.9	1.1	N/A	51.1	1.4	102000	12.5	8.6	OVR	10.0	0.4
		10/22/2019	52.7	1.3	N/A	51.7	1.1	93620	9.2	7.5	OVR	16.0	0.0
	25.5	1/24/2019	55.9	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	16.4	3.0
		5/1/2019	64.3	1.2	7.1	51.3	1.3	83970	9.2	8.6	OVR	17.1	0.5
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	29	1/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	1/28/2019	50.7	0.0	N/A	50.4	0.0	102	2.5	0.0	1	4.3	17.2
		5/2/2019	64.8	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	2.1	17.8
		7/24/2019	64.7	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	7.8	14.0
		10/22/2019	55.8	0.0	N/A	51.0	0.0	1221	52.1	0.3	5	3.4	17.1
	13.5	1/28/2019	58.4	0.2	N/A	55.0	0.4	50110	146	13.6	OVR	15.8	0.9
		5/2/2019	64.4	0.0	N/A	53.2	0.0	25070	241	4.8	96	15.6	0.2
		7/24/2019	57.8	0.0	NM	50.9	0.0	40100	996	24.8	OVR	22.1	0.9
		10/22/2019	60.3	0.0	N/A	52.2	0.0	20950	892	8.6	OVR	17.2	1.3
	19	1/28/2019	58.8	0.8	N/A	52.4	0.9	73700	184	29.7	OVR	16.0	0.6
		5/2/2019	64.2	0.0	N/A	53.9	0.0	51490	317	21.9	OVR	15.4	0.7
		7/24/2019	62.8	0.2	NM	50.4	0.3	46670	895	26.1	OVR	22.1	1.1
		10/22/2019	57.1	0.0	N/A	50.7	0.0	83670	1042	43.9	OVR	17.3	1.0
	31	1/28/2019	57.9	1.2	N/A	59.9	1.1	126000	141	39.6	OVR	16.9	0.9
		5/2/2019	65.3	0.4	N/A	52.5	0.6	94170	233	35.4	OVR	15.5	0.5
		7/24/2019	64.1	0.7	NM	50.6	0.8	63280	742	34.4	OVR	24.6	0.6
		10/22/2019	50.2	0.0	N/A	50.1	0.0	97520	889	47.5	OVR	17.5	0.7
VMP-17	5	1/24/2019	59.4	0.0	N/A	52.7	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	59.9	0.1	N/A	52.8	0.2	0.0	0.5	0.0	0	0.6	20.5
		7/31/2019	55.2	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	1.5	19.4
		10/21/2019	53.1	0.0	N/A	60.1	0.0	0.0	0.1	0.0	0	0.5	20.9
VMP-18	8.5	1/25/2019	54.5	0.0	N/A	54.6	0.0	0.0	0.1	0.0	0	1.7	20.3
		4/30/2019	56.3	0.0	N/A	67.4	0.0	0.0	0.4	0.0	0	1.3	18.8
		7/26/2019	64.8	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	3.9	16.8
		10/23/2019	63.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	3.9	17.1

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-19	5	1/22/2019	57.1	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	0.1	20.9
		4/30/2019	64.0	0.0	N/A	58.0	0.0	0.0	0.6	0.0	0	0.3	20.1
		7/31/2019	55.8	0.0	N/A	51.3	0.0	1.8	0.2	0.0	0	0.9	19.6
		11/15/2019 ¹³	69.3	0.0	N/A	50.2	0.2	0.0	0.0	0.0	0	0.2	20.7
VMP-20	5	1/21/2019	61.0	0.0	N/A	54.2	0.0	256	34.7	0.1	2	2.3	19.2
		4/26/2019	64.0	0.0	N/A	52.1	0.0	5.9	1.8	0.0	0	5.8	15.5
		7/22/2019	63.3	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	9.1	10.4
		10/23/2019	52.9	0.0	N/A	63.2	0.0	0.0	0.0	0.0	0	8.2	14.7
	10	1/21/2019	59.5	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	4.7	17.3
		4/26/2019	63.0	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	6.5	14.1
		7/22/2019	55.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	18.2	8.0
		10/23/2019	56.1	0.0	N/A	68.1	0.0	0.0	0.0	0.0	0	11.5	20.9
	25	1/21/2019	60.8	0.0	N/A	51.5	0.0	0.0	0.4	0.0	0	5.4	17.1
		4/26/2019	63.8	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	4.8	17.8
		7/26/2019 ⁷	54.0	0.0	N/A	52.7	0.0	0.0	0.1	0.0	0	4.3	16.0
		10/23/2019	54.6	0.0	N/A	52.1	0.0	0.0	0.0	0.0	0	6.5	13.9
	39.5	2/5/2019 ⁸	62.9	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	7.5	9.5
		4/26/2019	62.5	0.0	N/A	50.6	0.0	0.0	0.7	0.0	0	6.6	9.0
		7/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-21	5	1/21/2019	59.5	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	0.5	20.4
		4/26/2019	62.6	0.0	N/A	58.3	0.0	0.0	0.1	0.0	0	1.7	18.0
		7/29/2019	52.9	0.0	N/A	52.0	0.0	0.0	0.1	0.0	0	3.7	17.0
		10/23/2019	58.4	0.0	N/A	56.0	0.0	0.0	0.0	0.0	0	2.1	19.4
	10	1/21/2019	63.9	0.0	N/A	55.8	0.0	0.0	0.2	0.0	0	2.1	20.1
		4/26/2019	69.9	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	1.8	18.2
		7/29/2019	53.9	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	4.1	16.2
		10/23/2019	57.7	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	4.7	16.7
	25	1/21/2019	52.5	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.9	19.0
		4/26/2019	56.9	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	1.6	19.0
		7/29/2019	53.1	0.1	N/A	50.9	0.0	0.0	0.3	0.0	0	2.4	17.3
		10/23/2019	58.7	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	4.6	16.5
	33	1/21/2019	58.9	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	3.6	18.5
		4/26/2019	61.1	0.0	N/A	59.9	0.0	0.0	0.4	0.0	0	2.0	18.6
		7/29/2019	53.0	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	2.2	17.5
		10/23/2019	59.3	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	4.0	16.2
VMP-22	5	1/28/2019	61.7	0.0	N/A	51.1	0.0	0.0	0.1	0.0	0	0.1	20.6
		4/30/2019	63.7	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	0.5	20.5
		7/24/2019	60.4	0.0	N/A	58.3	0.0	0.0	0.2	0.0	0	0.9	20.8
		10/23/2019	77.0	0.0	N/A	51.7	0.0	0.0	0.0	0.0	0	0.6	20.3
	10	1/28/2019	61.0	0.0	N/A	51.2	0.1	0.0	0.2	0.0	0	0.1	20.6
		4/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/2019	60.1	0.0	N/A	52.2	0.2	0.2	0.2	0.0	0	0.8	20.8
		10/23/2019	53.2	0.0	N/A	50.9	0.1	0.0	0.0	0.0	0	0.4	20.4
	18	1/28/2019	60.3	0.1	N/A	51.6	0.1	0.0	0.1	0.0	0	0.1	20.7
		4/30/2019	64.0	0.0	N/A	50.4	0.0	0.0	0.6	0.0	0	0.4	20.1
		7/24/2019	54.9	0.0	N/A	53.3	0.0	0.0	0.2	0.0	0	1.2	20.5
		10/23/2019	52.3	0.2	N/A	50.3	0.2	0.0	0.0	0.0	0	1.3	19.8
	38	1/28/2019	62.2	0.3	N/A	51.8	0.2	0.0	0.1	0.0	0	0.2	20.7
		4/30/2019	63.8	1.5	N/A	50.5	1.7	0.0	0.8	0.0	0	0.8	19.9
		7/24/2019	57.6	0.1	N/A	50.6	0.8	0.0	0.2	0.0	0	0.6	19.7
		10/23/2019	54.4	0.7	N/A	50.9	0.9	0.0	0.0	0.0	0	0.7	20.2
VMP-23	5	1/23/2019	54.8	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.3	20.7
		4/29/2019	50.3	0.0	N/A	50.1	0.2	0.0	0.2	0.0	0	0.4	20.6
		7/24/2019	59.0	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	1.6	18.8
		10/24/2019	58.0	0.0	N/A	56.1	0.0	0.0	0.1	0.0	0	0.7	20.4
	10	1/23/2019	50.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.2	20.6
		4/29/2019	57.1	0.3	N/A	54.4	0.0	0.0	0.4	0.0	0	0.2	20.4
		7/24/2019	58.8	0.0	N/A	50.6	0.0	0.2	0.3	0.0	0	1.2	19.3
		10/24/2019	60.9	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.8	20.3
	25	1/23/2019	57.1	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	0.9	20.4
		4/29/2019	59.5	0.1	N/A	56.6	0.2	0.0	0.1	0.0	0	0.3	20.1
		7/24/2019	57.1	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.7	18.6
		10/24/2019	53.5	0.0	N/A	53.3	0.0	0.0	0.1	0.0	0	2.8	18.6
	40	1/23/2019	58.8	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	2.9	18.8
		4/29/2019	60.2	0.2	N/A	57.3	0.3	0.0	0.2	0.0	0	2.0	18.7
		7/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-24	5	1/24/2019	51.7	0.0	N/A	50.9	0.0	0.0	0.2	0.0	0	2.3	19.2	
		4/24/2019	62.3	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	1.4	19.1	
		8/1/2019 ¹¹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019	53.2	0.1	N/A	50.1	0.1	0.0	0.0	0.0	0	0.6	20.3	
	10	1/24/2019	53.8	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	3.5	17.4	
		4/24/2019	63.0	0.0	N/A	54.0	0.0	0.0	0.7	0.0	0	3.3	17.8	
		8/1/2019 ¹¹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		10/22/2019	57.9	0.0	N/A	75.6	0.1	0.0	0.0	0.0	0	3.2	17.9	
	22	1/24/2019	57.4	0.3	N/A	54.5	0.6	0.0	0.3	0.0	0	1.5	19.7	
		4/24/2019	62.5	0.0	N/A	51.3	0.0	0.0	0.8	0.0	0	2.1	18.6	
		8/1/2019 ¹¹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		10/22/2019	54.1	1.5	N/A	66.8	0.3	0.0	0.0	0.0	0	1.2	19.7	
34	1/24/2019	59.9	0.0	N/A	55.9	0.0	0.0	0.1	0.0	0	3.5	18.2		
	4/24/2019	62.0	0.0	N/A	50.0	0.0	0.0	0.4	0.0	0	3.0	17.8		
	8/1/2019 ¹¹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	10/22/2019	53.3	0.0	N/A	69.1	0.0	0.0	0.0	0.0	0	2.7	18.3		
VMP-25	5	1/22/2019	56.5	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	2.5	17.4	
		4/25/2019	58.5	0.0	N/A	53.1	0.0	5.8	0.9	0.0	0	3.5	2.0	
		7/25/2019	54.4	0.0	N/A	53.9	0.0	669	0.5	0.1	2	8.3	1.7	
		10/28/2019	51.5	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	5.9	9.2	
	9.5	1/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	21	1/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	1/22/2019 ¹⁰	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/2019 ¹⁰	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ¹⁰	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2019 ¹⁰	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-29	10	2/5/2019 ¹⁴	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
		5/2/2019	58.9	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.6	
		7/31/2019	57.0	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	0.5	19.8	
		10/25/2019	50.0	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.7	20.3	
	18	1/25/2019	60.4	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	0.2	20.4	
		5/2/2019	58.3	0.0	N/A	51.9	0.0	0.0	0.0	0.0	0	0.1	20.4	
		7/31/2019	53.8	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.5	19.7	
		10/25/2019	51.6	0.0	N/A	53.8	0.0	0.0	0.2	0.0	0	1.1	20.0	
	26	1/25/2019	59.6	0.0	N/A	54.3	0.0	0.0	0.1	0.0	0	0.5	20.2	
		5/2/2019	60.0	0.0	N/A	53.7	0.0	0.0	0.4	0.0	0	0.1	20.7	
		7/31/2019	58.6	0.0	N/A	51.1	0.0	0.8	0.6	0.0	0	0.5	19.5	
		10/25/2019	51.1	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	1.4	19.8	
	40	1/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30	10	1/25/2019	60.3	0.0	N/A	57.0	0.0	0.0	0.1	0.0	0	0.0	20.7	
		5/2/2019	62.3	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.0	20.9	
		7/31/2019	56.4	0.0	N/A	51.3	0.0	0.0	0.1	0.0	0	0.0	20.9	
		10/25/2019	51.9	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.1	20.8	
	18	1/25/2019	60.1	0.0	N/A	55.0	0.0	0.0	0.1	0.0	0	0.2	20.6	
		5/2/2019	59.4	0.0	N/A	50.3	0.0	0.0	0.1	0.0	0	0.0	20.9	
		7/31/2019	55.4	0.0	N/A	50.1	0.0	0.0	0.2	0.0	0	0.0	20.6	
		10/25/2019	52.8	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.4	20.6	
	26	1/25/2019	61.4	0.0	N/A	52.8	0.0	0.0	0.1	0.0	0	0.3	20.6	
		5/2/2019	61.1	0.1	N/A	51.5	0.0	0.0	0.2	0.0	0	0.0	20.9	
		7/31/2019	52.7	0.0	N/A	50.7	0.2	1.0	0.3	0.0	0	0.0	20.2	
		10/25/2019	50.1	0.0	N/A	50.2	0.0	0.0	0.4	0.0	0	0.4	20.5	
	40	1/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SOIL VAPOR SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-32	5	1/23/2019	58.1	0.0	N/A	54.1	0.0	0.0	0.1	0.0	0	0.6	20.1
		4/30/2019	64.5	0.0	N/A	50.8	0.0	0.0	1.0	0.0	0	1.0	19.9
		7/23/2019	67.9	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	1.8	18.0
		10/24/2019	57.1	0.0	N/A	52.0	0.0	0.0	0.0	0.0	0	1.6	19.5
	10	1/23/2019	61.4	0.0	N/A	52.8	0.0	0.0	0.0	0.0	0	0.9	20.0
		4/30/2019	64.8	0.0	N/A	51.7	0.0	0.0	0.5	0.0	0	0.9	20.0
		7/23/2019	61.8	0.0	N/A	51.4	0.1	0.0	0.1	0.0	0	1.8	18.2
		10/24/2019	53.5	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	2.2	19.2
	20	1/23/2019	60.2	0.8	N/A	50.2	2.5	0.0	0.0	0.0	0	0.1	20.2
		4/30/2019	64.2	0.2	N/A	51.1	0.8	0.0	0.7	0.0	0	0.1	20.7
		7/23/2019	54.3	0.0	N/A	51.0	0.1	0.0	0.2	0.0	0	0.4	19.3
		10/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	1/23/2019	61.2	1.8	N/A	53.8	1.0	0.0	0.0	0.0	0	0.7	19.9
		5/3/2019	58.8	0.0	N/A	50.2	1.7	0.0	0.5	0.0	0	0.7	19.9
		7/23/2019	61.5	0.0	N/A	50.7	0.1	0.0	0.2	0.0	0	1.6	17.2
		10/24/2019	53.8	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.2	20.8
VMP-41	10	1/29/2019 ¹²	60.0	0.0	N/A	57.6	0.0	7.4	2.6	0.0	0	0.2	20.4
		2/27/2019	58.9	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/3/2019	61.2	0.0	N/A	55.3	0.0	0.0	0.6	0.0	0	0.4	20.3
		7/26/2019	60.5	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	2.1	19.3
		10/28/2019	52.9	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	1.0	20.2
	20	1/29/2019	57.5	0.0	N/A	52.2	0.0	0.0	0.3	0.0	0	0.5	20.5
		5/3/2019	57.1	0.0	N/A	52.0	0.0	0.0	0.7	0.0	0	0.3	20.2
		7/26/2019	53.5	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	1.9	19.0
		10/28/2019	52.3	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.6	19.6
	26	1/29/2019	59.7	0.0	N/A	55.6	0.0	0.0	0.2	0.0	0	1.0	20.1
		5/3/2019	63.3	0.1	N/A	53.9	0.0	0.0	0.7	0.0	0	0.4	20.2
		7/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/28/2019 ⁹		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VMP-42	10	1/25/2019	54.8	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.5
		5/1/2019	52.8	0.0	N/A	50.1	0.0	0.0	0.4	0.0	0	0.5	20.4
		7/23/2019	50.8	0.0	N/A	50.4	0.1	0.0	0.1	0.0	0	1.4	19.6
		10/21/2019	75.6	0.0	N/A	81.2	0.0	0.0	0.1	0.0	0	1.4	20.0
	20	2/5/2019 ⁸	63.2	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	1.3	20.0
		5/1/2019	54.6	0.0	N/A	51.6	0.0	0.0	0.4	0.0	0	0.7	19.7
		7/23/2019	54.2	0.0	N/A	51.7	0.1	0.0	0.1	0.0	0	2.1	17.7
		10/21/2019	54.0	0.0	N/A	64.0	0.0	0.0	0.1	0.0	0	3.5	18.1
	30	1/25/2019	56.2	0.1	N/A	56.3	0.0	0.0	0.0	0.0	0	1.6	20.2
		5/1/2019	52.8	0.0	N/A	50.9	0.0	0.0	0.4	0.0	0	0.8	19.7
7/23/2019		52.9	0.1	N/A	50.9	0.0	0.0	0.1	0.0	0	1.3	18.6	
10/21/2019		53.4	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	3.4	17.9	
VMP-43	10	1/29/2019	62.4	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	0.1	20.9
		4/29/2019	61.6	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	0.0	19.8
		8/1/2019	54.4	0.0	N/A	50.4	0.0	0.0	0.1	0.0	0	0.1	20.6
		10/21/2019	58.3	0.0	N/A	52.1	0.0	0.0	0.1	0.0	0	0.1	20.8
	20	1/29/2019	62.0	0.0	N/A	53.6	0.0	1.1	0.3	0.0	0	0.1	20.5
		4/29/2019	62.4	1.1	N/A	54.6	0.4	0.0	0.4	0.0	0	0.2	19.7
		8/1/2019	61.9	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	0.4	20.4
		10/21/2019	53.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	0.2	20.8
	30	1/29/2019	61.2	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	2.7	17.4
		4/29/2019	64.7	0.0	N/A	52.0	0.0	0.0	0.6	0.0	0	0.9	18.8
		8/1/2019	52.0	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.5	20.2
		10/21/2019	59.7	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.4	20.7
VMP-44	10	1/22/2019	56.2	0.0	N/A	53.1	0.0	2.5	0.4	0.0	0	0.2	20.5
		4/29/2019	59.3	0.0	N/A	58.5	0.3	0.0	0.4	0.0	0	0.3	20.1
		7/23/2019	50.2	0.0	N/A	50.1	0.0	1.0	0.3	0.0	0	1.4	19.0
		10/24/2019	65.8	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.9	19.6
	20	2/4/2019	62.2	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	0.7	20.1
		4/29/2019	55.4	0.1	N/A	53.1	0.0	0.0	0.5	0.0	0	0.7	20.0
		7/23/2019	55.5	0.1	N/A	53.4	0.2	0.4	0.2	0.0	0	1.1	19.2
		10/24/2019	53.5	0.2	N/A	50.5	0.4	0.0	0.0	0.0	0	0.7	19.9
	30	1/22/2019	56.6	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	0.1	20.7
		4/29/2019	59.0	0.7	N/A	57.2	0.8	0.0	0.6	0.0	0	0.2	20.2
		7/23/2019	54.2	0.4	N/A	52.6	0.2	0.5	0.1	0.0	0	1.2	18.8
		10/24/2019	55.4	0.6	N/A	51.5	0.9	0.0	0.0	0.0	0	0.6	20.0

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-45	10	1/22/2019	57.1	0.0	N/A	50.5	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/25/2019	62.4	0.0	N/A	50.2	0.0	0.0	0.6	0.0	0	0.2	20.4
		8/1/2019	59.8	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.3	20.5
		11/15/2019 ¹³	62.2	0.0	N/A	53.1	0.0	0.0	0.0	0.0	0	0.1	20.8
	20	1/22/2019	59.3	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.3	20.6
		4/25/2019	61.5	0.0	N/A	50.3	0.0	0.0	0.7	0.0	0	0.2	20.3
		8/1/2019	58.1	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.5	20.3
		10/24/2019	53.0	0.1	N/A	50.4	0.0	0.0	0.0	0.0	0	0.2	20.5
	30	1/22/2019	61.4	0.0	N/A	51.3	0.0	0.0	0.2	0.0	0	1.1	20.1
		5/28/2019 ¹³	64.3	0.3	N/A	52.9	0.3	0.0	0.8	0.0	0	0.1	20.7
		8/1/2019	57.0	0.0	N/A	53.1	0.7	0.0	0.3	0.0	0	0.1	20.7
		10/24/2019	57.8	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	1.4	19.8
VMP-47	5	1/29/2019	60.2	0.0	N/A	52.4	0.0	0.0	0.3	0.0	0	0.2	20.6
		4/25/2019	52.0	0.0	N/A	50.4	0.0	0.0	0.8	0.0	0	0.5	20.0
		7/26/2019	59.3	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.0
		10/23/2019	59.3	0.0	N/A	55.5	0.0	0.0	0.0	0.0	0	0.1	20.7
	10	1/29/2019	61.8	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.4	20.8
		4/25/2019	62.4	0.0	N/A	50.1	0.0	0.0	0.7	0.0	0	0.4	20.1
		7/26/2019	59.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	0.5	20.1
		10/23/2019	57.8	0.0	N/A	52.4	0.0	0.0	0.0	0.0	0	0.4	20.6
	20	1/29/2019	63.1	0.0	N/A	55.0	0.0	0.0	0.2	0.0	0	0.4	20.6
		4/25/2019	64.0	0.0	N/A	50.2	0.0	0.0	0.5	0.0	0	0.4	20.0
		7/26/2019	56.0	0.0	N/A	54.6	0.0	0.0	0.0	0.0	0	0.2	20.2
		10/23/2019	56.7	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.4	20.6
	30	1/29/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/2019	64.8	0.0	N/A	51.5	0.0	0.0	0.8	0.0	0	0.6	19.9
7/26/2019		59.7	0.0	N/A	54.7	0.0	0.0	0.0	0.0	0	0.9	19.4	
10/23/2019		54.2	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.3	19.6	
VMP-48	5	1/23/2019	59.6	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.8	19.4
		4/26/2019	52.7	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.7	16.6
		7/26/2019	55.3	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	5.8	14.1
		10/21/2019	71.2	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	2.8	18.4
	10	1/23/2019	58.1	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	3.1	18.5
		4/26/2019	61.2	0.0	N/A	57.5	0.0	0.0	0.2	0.0	0	1.8	18.4
		7/26/2019	57.5	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	4.2	15.8
		10/21/2019	51.9	0.0	N/A	73.0	0.0	0.0	0.0	0.0	0	5.4	15.3
	20	1/23/2019	58.0	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	3.7	18.3
		4/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019	51.9	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	5.2	14.6
	30	1/23/2019	61.0	0.0	N/A	57.7	0.0	0.0	0.2	0.0	0	7.3	15.2
		4/26/2019	55.4	0.7	N/A	52.6	0.0	0.0	0.3	0.0	0	6.0	16.3
7/26/2019		69.8	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	5.6	16.2	
10/21/2019		56.4	0.0	N/A	65.6	0.0	0.0	0.0	0.0	0	4.6	16.0	
VMP-49	5	2/1/2019	60.4	0.0	N/A	53.7	0.0	0.0	0.1	0.0	0	0.1	20.7
		4/29/2019	63.0	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.6	20.8
		7/29/2019	59.2	0.0	N/A	52.1	0.0	0.0	0.2	0.0	0	0.9	20.1
		10/18/2019	53.1	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.6	19.8
	10	1/21/2019	55.2	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.2	20.8
		4/29/2019	61.5	0.0	N/A	51.5	0.0	0.0	0.6	0.0	0	0.8	20.4
		7/29/2019	53.3	0.1	N/A	50.7	0.0	0.0	0.2	0.0	0	2.1	18.4
		10/18/2019	65.7	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	0.9	19.5
	20	1/21/2019	55.5	0.0	N/A	51.6	0.0	0.0	0.1	0.0	0	0.1	20.8
		4/29/2019	64.1	0.0	N/A	51.6	0.0	0.0	0.7	0.0	0	0.7	20.4
		7/29/2019	52.8	1.2	N/A	51.1	0.4	0.0	0.2	0.0	0	2.5	17.9
		10/18/2019	51.9	0.0	N/A	58.0	0.1	0.0	0.1	0.0	0	0.6	19.8
	30	1/21/2019	60.6	0.0	N/A	51.4	0.0	0.0	0.1	0.0	0	0.9	19.8
		4/29/2019	64.0	0.0	N/A	51.7	0.0	0.0	0.7	0.0	0	9.2	11.1
7/29/2019		52.7	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	0.8	19.8	
10/18/2019		57.8	0.0	N/A	54.8	0.0	0.0	0.1	0.0	0	3.3	15.5	

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-50	5	2/5/2019 ⁸	61.2	0.0	N/A	52.5	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/29/2019	52.6	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	0.4	20.4
		7/30/2019	63.4	0.0	N/A	50.5	0.0	0.0	0.2	0.0	0	1.3	18.9
		10/23/2019	67.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.4	20.5
	10	1/25/2019	61.8	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.2	20.9
		4/29/2019	54.2	0.0	N/A	51.6	0.0	0.0	0.4	0.0	0	0.4	20.2
		7/30/2019	62.7	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	1.9	18.5
		10/23/2019	55.5	0.0	N/A	60.1	0.0	0.0	0.0	0.0	0	0.8	19.8
	20	2/1/2019	62.1	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	0.4	20.5
		4/29/2019	57.5	0.1	N/A	53.3	0.0	0.0	0.3	0.0	0	0.4	20.1
		7/30/2019	53.1	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	1.8	18.1
		10/23/2019	58.1	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	1.1	19.9
30	1/25/2019	60.1	0.0	N/A	54.9	0.0	232	35.9	0.2	5	2.7	19.3	
	4/29/2019	55.3	0.0	N/A	52.0	0.0	144	25.2	0.0	0	1.1	19.3	
	7/30/2019	62.7	0.0	N/A	50.4	0.0	179	33.3	0.2	4	1.6	18.3	
	10/23/2019	53.8	0.0	N/A	50.2	0.0	210	44.7	0.0	1	2.2	18.6	
VMP-51	5	1/23/2019	51.3	0.0	N/A	54.4	0.0	0.0	0.0	0.0	0	0.1	20.5
		5/1/2019	54.9	0.1	N/A	51.7	0.1	0.0	0.3	0.0	0	0.5	19.8
		7/24/2019	57.7	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.7	19.7
		10/25/2019	62.6	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	0.6	20.5
	10	1/23/2019	56.0	0.0	N/A	51.3	0.0	0.0	0.0	0.0	0	0.3	20.4
		5/1/2019	61.1	0.2	N/A	55.2	0.0	0.0	0.3	0.0	0	0.6	19.6
		7/24/2019	58.4	0.0	N/A	54.9	0.0	0.0	0.2	0.0	0	1.5	18.5
		10/25/2019	54.0	0.0	N/A	50.0	0.0	0.0	0.0	0.0	0	1.1	20.0
	20	1/23/2019	58.3	0.3	N/A	52.8	0.3	0.0	0.0	0.0	0	0.6	20.3
		5/1/2019	57.1	0.0	N/A	52.2	0.0	0.0	0.6	0.0	0	0.3	20.1
		7/24/2019	58.1	0.0	N/A	56.0	0.0	0.0	0.3	0.0	0	1.8	18.4
		10/25/2019	66.8	0.0	N/A	50.4	0.0	0.0	0.0	0.0	0	2.7	18.7
30	1/23/2019	52.3	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	1.4	20.1	
	5/1/2019	54.8	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.6	19.8	
	7/24/2019	57.7	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	1.8	18.5	
	10/25/2019	54.1	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	2.9	18.4	
VMP-52	5	1/31/2019	54.4	0.0	N/A	51.5	0.0	0.0	0.0	0.0	0	0.5	20.5
		5/2/2019	65.2	0.0	N/A	53.7	0.0	0.0	0.5	0.0	0	2.0	11.1
		7/26/2019	54.1	0.0	N/A	55.2	0.0	0.0	0.0	0.0	0	3.8	15.9
		10/22/2019	55.4	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.7	18.7
	10	1/31/2019	51.1	0.0	N/A	58.3	0.0	0.0	0.2	0.0	0	1.4	20.1
		5/2/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/2019	52.9	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	3.5	15.2
		10/22/2019	51.8	0.0	N/A	52.4	0.0	0.0	0.1	0.0	0	5.7	16.8
	20	1/31/2019	59.5	0.0	N/A	56.8	0.0	0.0	0.2	0.0	0	4.5	16.8
		5/2/2019	64.2	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	2.7	18.6
		7/22/2019	54.2	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	2.0	18.8
		10/22/2019	52.1	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	2.4	18.8
30	1/31/2019	57.3	0.0	N/A	56.3	0.0	0.0	0.2	0.0	0	4.6	16.5	
	5/2/2019	64.2	0.0	N/A	50.1	0.0	0.0	0.6	0.0	0	2.9	18.5	
	7/22/2019	54.9	0.0	N/A	52.3	0.0	0.0	0.1	0.0	0	1.7	19.0	
	10/22/2019	50.2	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	2.5	18.9	
VMP-53	5	1/18/2019	61.4	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	0.6	20.6
		5/3/2019	56.4	0.0	N/A	51.1	0.0	0.0	0.5	0.0	0	0.9	19.8
		7/19/2019	58.5	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	1.8	19.2
		10/18/2019	67.7	0.0	N/A	62.1	0.0	0.0	0.0	0.0	0	1.0	20.0
	10	1/18/2019	62.1	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	0.5	20.6
		5/3/2019	55.2	0.0	N/A	50.0	0.0	7.2	1.5	0.0	0	0.7	20.1
		7/19/2019	59.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	1.4	18.2
		10/18/2019	52.1	0.0	N/A	56.3	0.0	0.0	0.1	0.0	0	1.0	20.1
	20	1/18/2019	61.2	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	1.4	20.1
		5/3/2019	60.0	0.0	0.1	56.4	0.0	248	51.3	0.1	3	0.8	19.6
		7/19/2019	60.1	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	1.6	19.1
		10/18/2019	51.0	0.0	N/A	71.9	0.0	0.0	0.1	0.0	0	2.0	19.2
30	1/31/2019 ⁸	56.8	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	2.8	18.9	
	5/3/2019	56.8	0.0	N/A	52.7	0.0	48.2	7.6	0.0	0	2.1	19.1	
	7/19/2019	63.1	0.0	N/A	55.7	0.0	0.0	0.0	0.0	0	1.6	19.2	
	10/18/2019	51.7	0.0	N/A	50.1	0.0	0.0	0.0	0.0	0	3.4	17.6	

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

Reading Location			Shroud	Tedlar® Bag 1			Shroud	Tedlar® Bag 2					
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)
VMP-54	5	1/18/2019	58.8	0.0	N/A	55.5	0.0	0.0	0.2	0.0	0	1.8	19.1
		4/24/2019	53.1	0.0	N/A	52.3	0.0	0.0	0.2	0.0	0	1.7	18.6
		7/22/2019	52.0	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	3.3	16.8
		10/22/2019	56.8	0.0	N/A	55.9	0.0	0.0	0.0	0.0	0.0	0	3.2
	10	1/18/2019	56.9	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	2.7	18.3
		4/24/2019	57.4	0.0	N/A	50.5	0.0	0.0	0.5	0.0	0	1.8	18.7
		7/22/2019	52.7	0.0	N/A	50.2	0.0	0.0	0.1	0.0	0	2.5	17.4
		10/22/2019	58.8	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	3.0	17.3
	20	1/18/2019	54.1	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	3.3	17.3
		4/24/2019	58.1	0.0	N/A	50.8	0.0	0.0	0.3	0.0	0	2.0	18.1
		7/22/2019	51.3	0.0	N/A	50.0	0.1	0.0	0.1	0.0	0	2.0	17.5
		10/22/2019	57.0	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0.0	0	2.9
	30	1/18/2019	55.8	0.0	N/A	51.4	0.2	0.0	0.1	0.0	0	0.8	19.7
		4/24/2019	53.9	0.6	N/A	52.5	2.5	0.0	0.5	0.0	0	1.4	18.5
		7/22/2019	50.7	0.5	N/A	50.3	1.2	0.0	0.1	0.0	0	2.0	17.2
		10/22/2019	55.1	0.0	N/A	52.8	0.2	0.0	0.0	0.0	0.0	0	1.6
VMP-55	5	1/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	1/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	2/5/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019	64.0	0.1	N/A	53.3	0.1	55180	94.1	9.0	OVR	16.4	0.7
		7/30/2019	56.9	0.0	N/A	52.4	0.0	6320	40.3	0.6	12	19.3	2.0
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	1/24/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	1/28/2019	59.7	0.0	N/A	50.2	0.0	0.0	0.2	0.0	0	0.2	20.7
		5/1/2019	64.9	0.0	N/A	53.8	0.0	0.0	0.4	0.0	0	0.3	20.4
		7/23/2019	52.1	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	0.4	19.7
		10/21/2019	55.8	0.0	N/A	53.9	0.0	0.0	0.1	0.0	0	0.2	20.7
	25	1/28/2019	62.3	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.4	20.6
		5/1/2019	64.5	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	0.5	20.3
		7/23/2019	65.6	0.0	N/A	59.8	0.0	0.0	0.3	0.0	0	1.1	19.4
		10/21/2019	57.4	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.3	20.6
	38.5	1/28/2019	61.1	0.0	N/A	60.2	0.0	352000	353	OVR	OVR	4.1	12.9
		5/1/2019	64.7	0.0	N/A	53.0	0.0	527000	133	OVR	OVR	1.7	18.0
		7/23/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-62	5	1/28/2019	61.3	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	0.8	20.1
		4/26/2019	60.9	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	1.5	18.6
		7/29/2019	58.9	0.0	N/A	51.2	0.0	0.0	0.2	0.0	0	4.2	16.6
		10/23/2019	59.3	0.0	N/A	58.6	0.0	0.0	0.0	0.0	0	1.8	19.6
	10	1/28/2019	61.7	0.0	N/A	54.7	0.0	0.0	0.1	0.0	0	1.2	20.1
		4/26/2019	63.0	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	1.3	19.3
		7/29/2019	54.0	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	3.8	17.3
		10/23/2019	51.9	0.0	N/A	51.6	0.0	0.0	0.0	0.0	0	2.2	19.2
	20	1/28/2019	52.1	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	1.1	20.2
		4/26/2019	63.0	0.0	N/A	50.3	0.0	0.6	0.2	0.0	0	1.0	19.5
		7/29/2019	53.6	0.0	N/A	53.2	0.0	0.0	0.2	0.0	0	2.9	18.3
		10/23/2019	52.8	0.0	N/A	50.3	0.0	0.0	0.0	0.0	0	2.0	19.3
	30	2/5/2019 ⁸	62.9	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	0.8	20.3
		4/26/2019	63.5	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	0.5	20.1
		7/29/2019	56.4	0.0	N/A	50.0	0.0	0.0	0.1	0.0	0	1.6	19.2
		10/23/2019	56.0	0.0	N/A	55.0	0.0	0.0	0.0	0.0	0	1.4	19.6

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

Reading Location			Shroud	Tedlar® Bag 1		Shroud	Tedlar® Bag 2							
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec				
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH ₄ (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	
VMP-63	5	1/29/2019	61.4	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.1	20.9	
		4/25/2019	61.6	0.3	N/A	52.4	0.0	0.0	0.5	0.0	0	0.2	20.5	
		7/23/2019	71.0	0.0	N/A	63.2	0.0	0.0	0.4	0.0	0	0.1	20.4	
		10/24/2019	57.2	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	0.0	20.9	
	10	1/29/2019	61.7	0.0	N/A	51.7	0.0	0.0	0.2	0.0	0	0.1	20.9	
		4/25/2019	61.7	0.0	N/A	50.3	0.0	0.0	1.2	0.0	0	1.1	19.4	
		7/23/2019	52.6	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.2	20.2	
		10/24/2019	58.8	0.0	N/A	58.1	0.0	0.0	0.0	0.0	0	0.2	20.8	
	20	2/27/2019 ¹³	59.9	0.0	N/A	52.5	0.0	0.0	0.4	0.0	0	0.1	20.8	
		4/25/2019	64.0	0.0	N/A	50.9	0.0	0.0	0.8	0.0	0	1.8	18.6	
		7/23/2019	52.9	0.0	N/A	50.6	0.0	0.0	0.3	0.0	0	0.4	20.0	
		10/24/2019	51.2	0.0	N/A	50.8	0.0	0.0	0.1	0.0	0	0.3	20.6	
	30	2/4/2019	60.0	0.0	N/A	53.7	0.0	0.0	0.2	0.0	0	0.2	20.7	
		4/25/2019	64.2	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	0.3	20.0	
		7/23/2019	52.2	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	0.7	19.7	
		10/24/2019	58.6	0.0	N/A	57.2	0.0	0.0	0.0	0.0	0	0.9	20.2	
VMP-64	5	1/21/2019	57.1	0.0	N/A	50.6	0.0	0.0	0.1	0.0	0	0.1	20.8	
		4/26/2019	62.1	0.0	N/A	52.2	0.0	0.0	0.2	0.0	0	0.2	20.4	
		7/25/2019	63.8	0.0	N/A	54.1	0.0	0.5	0.1	0.0	0	0.5	19.9	
		10/23/2019	55.7	0.0	N/A	51.2	0.0	0.0	0.0	0.0	0	0.3	20.1	
	10	1/21/2019	58.2	0.0	N/A	51.7	0.0	0.0	0.1	0.0	0	2.0	19.0	
		4/26/2019	61.6	0.0	N/A	51.9	0.0	0.0	0.1	0.0	0	1.4	19.7	
		7/25/2019	59.1	0.0	N/A	52.2	1.2	0.0	0.0	0.0	0	3.5	16.6	
		10/23/2019	54.1	0.0	N/A	50.6	0.0	0.0	0.0	0.0	0	3.0	17.8	
	20	1/21/2019	51.3	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	2.2	19.6	
		4/26/2019	62.8	0.0	N/A	50.4	0.0	0.0	0.2	0.0	0	1.6	19.3	
		7/25/2019	54.4	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	2.8	17.3	
		10/21/2019	54.0	0.0	N/A	53.7	0.0	0.0	0.0	0.0	0	3.6	17.3	
	28	1/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2019 ⁹	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

- OVR is used to indicate a reading over range for the FID or MultiRAE.
- The Landtec landfill gas analyzer displays "OVR" for any results calculated higher than 99.9% for an individual reading.
- N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., a direct port for helium if the helium leak check was successful).
NM is used to indicate that a reading was not measured.
- NS is used to indicate that a reading was not collected because the port could not be sampled.
- FID readings were taken with a TVA-2020. Due to oxygen concentrations less than 14% a dilution tip was used when analyzing samples. The dilution tip introduced ambient air in a 10:1 ration with the sample, which required the sample readings to be multiplied by 10 to get the actual reading. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
- Negative readings on the FID are recorded as zero.
- VMP successfully re-sampled after helium leak check failure.
- VMP re-sampled due to issues with the canister after arriving at the laboratory.
- VMP not sampled because screen submerged below water table or a temporary water condition.
- VMP-25-31 no longer sampled effective 2Q18 due to port integrity.
- VMP not sampled because vehicle was consistently parked on well vault.
- VMP re-sampled due to anomalous results in the initial sample.
- VMP re-sampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.
- VMP not sampled due to three consecutive helium leak check failures.

**TABLE 4
SOIL VAPOR SCREENING CRITERIA**

Chemical	Residential (mg/m ³)	Industrial/ Commercial (mg/m ³)
TO-15 Analytes		
Acetone	750,000	750,000
Benzene	0.37	2.8
Bromodichloromethane	450,000	450,000
Bromoform	11.0	52.0
Bromomethane	6.9	42.0
1,3-Butadiene		
2-Butanone	6,400	40,000
Carbon disulfide	780	5,300
Carbon tetrachloride	0.21	1.5
Chlorobenzene	69.0	420
Chlorodibromomethane	57,000	57,000
Chloroethane		
Chloroform	0.11	0.92
Chloromethane		
Allyl chloride (3-Chloropropene)		
alpha-Chlorotoluene		
Cyclohexane		
1,2-Dibromo-3-chloropropane (DBCP)	0.0012	0.0062
1,2-Dibromoethane	0.0078	0.048
1,2-Dichlorobenzene	290	1,700
1,3-Dichlorobenzene		
1,4-Dichlorobenzene	1,200	6,800
1,1-Dichloroethane	690	4,200
1,2-Dichloroethane	0.099	0.81
1,1-Dichloroethene	240	1,600
cis-1,2-Dichloroethene	1,100,000	1,100,000
trans-1,2-Dichloroethene	85.0	510
Dichloromethane (Methylene chloride)	5.6	45.0
1,2-Dichloropropane	0.31	2.3
cis-1,3-Dichloropropene	0.9	6.2
trans-1,3-Dichloropropene	0.9	6.2
1,4-Dioxane	0.22	2.3
Ethanol		
Ethylbenzene	1.3	9.3
4-Ethyltoluene		
Freon 11		
Freon 12		
Freon 113		
Freon 114		
Heptane		
Hexachlorobutadiene		
Hexane		
2-Hexanone (Methyl N-Butyl Ketone)		
Isopropylbenzene (Cumene)	600	3,500
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
Methyl tert-Butyl Ether (MTBE)	3,700	24,000
n-Propylbenzene		
2-Propanol		
Styrene	1,400	8,500
Tetrachloroethene	0.55	4.0
1,1,2,2-Tetrachloroethane		
Tetrahydrofuran		
Toluene	6,200	40,000
1,2,4-Trichlorobenzene	5.4	25.0
Trichloroethene	1.5	12.0
1,1,1-Trichloroethane (Methyl chloroform)	6,600	41,000
1,1,2-Trichloroethane	170,000	170,000
Trichlorofluoromethane	860	5,600
1,2,4-Trimethylbenzene		
1,3,5-Trimethylbenzene		
2,2,4-Trimethylpentane		
Vinyl chloride	0.29	4.8
Xylenes (total)	140	840
m,p-Xylene	130	820
o-Xylenes	120	790

Note:

1. Screening criteria source: Illinois Pollution Control Board, Tiered Approach to Corrective Action (TACO) Title 35 - Part 742; Appendix B, Table H: Tier 1 Indoor Inhalation Remediation Objectives for Residential and Industrial/Commercial Properties for the Diffusion and Advection Exposure Route, July 15, 2013.
2. Blank cells indicate that chemical does not have screening criteria.

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	0.019	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0053	J		<0.013	U	
		VMP-1-5-043019	4/30/2019	0.015	J		0.00084	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0022	J		<0.015	U	
		VMP-1-5-072319	7/23/2019	0.02	J		0.0016	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	8.5 ft	VMP-1-5-102419	10/24/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-1-8.5-012319	1/23/2019	0.014	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-1-8.5-043019	4/30/2019	0.033			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0043	J	
		VMP-1-8.5-072319	7/23/2019	0.012	J		0.0019	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-1-8.5-102419	10/24/2019	0.014	J		<0.009	U		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.027	U		<0.033	U	
		VMP-1-8.5-102419-DUP	10/24/2019	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	0.0043	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-1-23.5-012319	1/23/2019	0.013	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0034	J		<0.013	U	
		VMP-1-23.5-012319-DUP	1/23/2019	0.02	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.003	J	
VMP-1-23.5-043019		4/30/2019	0.035			0.0014	J		<0.008	U		<0.012	U		0.0026	J		<0.0026	U		0.0028	J		<0.014	U		
VMP-1-23.5-072319		7/23/2019	0.025	J		0.0034	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U		
VMP-1-23.5-102419		10/24/2019	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	0.0083	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-5-042619	4/26/2019	0.01	J		0.00091	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-2-5-072519	7/25/2019	0.038			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U	UJ	<0.0026	U		<0.011	U		<0.014	U	
		VMP-2-5-102119	10/21/2019	0.0098	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	8.5 ft	VMP-2-8.5-012319	1/23/2019	0.0088	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-2-8.5-042619	4/26/2019	0.015	J		0.022			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.057			0.0047	J	
		VMP-2-8.5-072519	7/25/2019	0.006	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U	UJ	<0.003	U		<0.013	U		<0.016	U	
		VMP-2-8.5-102119	10/21/2019	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	22 ft	VMP-2-22-012319	1/23/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-2-22-042619	4/26/2019	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-2-22-042619-DUP	4/26/2019	0.018	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-2-22-072519	7/25/2019	0.01	J		<0.0039	U		0.0024	J		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		<0.014	U	
VMP-3	5 ft	VMP-2-22-102119	10/21/2019	0.0091	J		<0.0039	U		0.0019	J		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-5-012419	1/24/2019	0.012	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.0048	J		0.0029	J	
		VMP-3-5-042919	4/29/2019	0.049			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-3-5-072519	7/25/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U	UJ	<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-3-5-101819	10/18/2019	0.0083	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U	UJ	<0.015	U	
		VMP-3-10-020119	2/1/2019	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0037	J	
		VMP-3-10-042919	4/29/2019	0.016	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-3-10-072519	7/25/2019	0.019	J		<0.004	U		0.0019	J		<0.013	U		<0.049	U	UJ	<0.0028	U		<0.012	U		<0.015	U	
		VMP-3-10-072519-DUP	7/25/2019	0.02	J		<0.0048	U		0.0021	J		<0.016	U		<0.059	U	UJ	<0.0034	U		<0.014	U		<0.018	U	
		VMP-3-10-101819	10/18/2019	0.0084	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U	UJ	<0.017	U	
	22 ft	VMP-3-22-012419	1/24/2019	0.013	J		0.0026	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0045	J		0.0026	J	
		VMP-3-22-042919	4/29/2019	0.031			0.0021	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
VMP-3-22-072519		7/25/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U	UJ	<0.0028	U		<0.012	U		<0.015	U		
VMP-3-22-101819		10/18/2019	0.0064	J		0.003	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.003	J	J	<0.015	U		
31.5 ft	VMP-3-31.5-012419	1/24/2019	0.024	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0094	J		<0.013	U		
	VMP-3-31.5-042919	4/29/2019	0.1			0.012			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0073	J		0.012	J		
	VMP-3-31.5-072519	7/25/2019	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U	UJ	<0.0029	U		0.0069	J		<0.015	U		
	VMP-3-31.5-101819	10/18/2019	16	J		<12	U		<24	U		<38	U		<140	U		<8	U		1800		J	<43	U		
39 ft	VMP-3-31.5-101819-DUP	10/18/2019	14	J		<11	U		<24	U		<37	U		<140	U		<7.8	U		1800		J	<42	U		
	VMP-3-39-012419	1/24/2019	0.01	J		0.00095	J		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		0.012			0.0017	J		
		VMP-3-39-012419-DUP	1/24/2019	0.01	J		0.002	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.013			0.0021	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			1,3-Butadiene			Butane			2-Butanone			
				750000			0.37			450000			11			6.9						6400						
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U	UJ	<0.013	U		
		VMP-4-5-043019	4/30/2019	0.016	J		0.0007	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0046	J		
		VMP-4-5-072519	7/25/2019	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U	UJ	<0.0028	U		<0.012	U		<0.015	U		
		VMP-4-5-102119	10/21/2019	0.016	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
	12 ft	VMP-4-12-012119	1/21/2019	0.029	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U	UJ	0.002	J		
		VMP-4-12-043019	4/30/2019	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U		
		VMP-4-12-072519	7/25/2019	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		<0.014	U		
		VMP-4-12-102119	10/21/2019	0.0095	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0035	J		<0.015	U		
	23.5 ft	VMP-4-23.5-012119	1/21/2019	0.0094	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U		
		VMP-4-23.5-043019	4/30/2019	0.013	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0057	J		<0.015	U		
VMP-4-23.5-072519		7/25/2019	0.025	J		0.0054			<0.0085	U		<0.013	U		<0.049	U	UJ	<0.0028	U		0.016			<0.015	U			
VMP-4-23.5-102119		10/21/2019	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U			
VMP-5	5 ft	VMP-5-5-012219	1/22/2019	0.013	J		0.0021	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U		
		VMP-5-5-050119	5/1/2019	0.07			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U		
		VMP-5-5-072419	7/24/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-5-5-072419-DUP	7/24/2019	0.022	J		<0.0038	U		0.001	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0057	J		
	VMP-5-5-102119	10/21/2019	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U			
	12.5 ft	VMP-5-12.5-012219	1/22/2019	0.0085	J		<0.0036	U		0.0081			<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U		
		VMP-5-12.5-050119	5/1/2019	0.022	J		<0.004	U		0.012			<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.004	J		
		VMP-5-12.5-072419	7/24/2019	0.008	J		<0.004	U		0.012			<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
		VMP-5-12.5-102119	10/21/2019	0.013	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U		
	31 ft	VMP-5-31-012219	1/22/2019	0.033			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0034	J		
		VMP-5-31-050119	5/1/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U		
		VMP-5-31-072419	7/24/2019	0.028			0.001	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-5-31-102119	10/21/2019	0.0095	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U		
	40 ft	VMP-5-40-020419	2/4/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0037	J		
		VMP-5-40-050119	5/1/2019	0.04			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U		
	VMP-6	5 ft	VMP-6-5-013119	1/31/2019	0.0089	J		0.0094			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.045			0.0019	J	
VMP-6-5-042519			4/25/2019	0.058			0.0012	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U		
VMP-6-5-072219			7/22/2019	0.024	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0051	J		
VMP-6-5-102519			10/25/2019	0.0073	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
10 ft		VMP-6-10-012219	1/22/2019	0.011	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U		
		VMP-6-10-042519	4/25/2019	0.014	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-6-10-072219	7/22/2019	0.013	J		<0.0039	U		0.0054	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-6-10-102519	10/25/2019	0.014	J		<0.004	U		0.001	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0068	J		
31.5 ft		VMP-6-31.5-020119	2/1/2019	0.018	J		0.1			<0.015	U		<0.023	U		<0.087	U		<0.005	U		0.28			<0.026	U		
		VMP-6-31.5-042519	4/25/2019	0.017	J		0.045			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0051	J		<0.015	U		
		VMP-6-31.5-072219	7/22/2019	0.032			0.0039	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.011	J		0.0053	J		
		VMP-6-31.5-102519	10/25/2019	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
39 ft		VMP-6-39-012219	1/22/2019	0.0079	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U		
		VMP-6-39-042519	4/25/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
VMP-7		5 ft	VMP-7-5-012219	1/22/2019	0.02	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.0036	J	
			VMP-7-5-042519	4/25/2019	0.03			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
	VMP-7-5-072319		7/23/2019	0.038			0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-7-5-072319-DUP		7/23/2019	0.03			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U		
	VMP-7-5-102419	10/24/2019	<0.028	U		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U			
	13.5 ft	VMP-7-13.5-020119	2/1/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-7-13.5-042519	4/25/2019	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-7-13.5-072319	7/23/2019	0.016	J		0.024			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0091	J		<0.014	U		
		VMP-7-13.5-102419	10/24/2019	0.0069	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U		
	29.5 ft	VMP-7-29.5-020119	2/1/2019	0.034			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0036	J		
		VMP-7-29.5-042519	4/25/2019	0.018	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U		
		VMP-7-29.5-072319	7/23/2019	0.014	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-7-29.5-102419	10/24/2019	0.0077	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.002	J		
	38 ft	VMP-7-29.5-102419-DUP	10/24/2019	<0.027																								

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			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	0.0087	J		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-8-5-042419	4/24/2019	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-5-072219	7/22/2019	0.0099	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-8-5-101819	10/18/2019	0.0075	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	9.5 ft	VMP-8-9.5-011819	1/18/2019	0.008	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-8-9.5-042419	4/24/2019	0.016	J		0.077			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.14			<0.014	U	
		VMP-8-9.5-072219	7/22/2019	0.012	J		0.024			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.008	J		<0.014	U	
		VMP-8-9.5-101819	10/18/2019	0.0058	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	35.5 ft	VMP-8-23.5-022719R	2/27/2019	0.027			0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.0055	J	
		VMP-8-23.5-042419	4/24/2019	0.018	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-23.5-072219	7/22/2019	0.0084	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-23.5-101819	10/18/2019	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	VMP-9	5 ft	VMP-8-35.5-011819	1/18/2019	0.0071	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U
			VMP-8-35.5-042419	4/24/2019	0.01	J		<0.0023	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U
VMP-8-35.5-042419-DUP			4/24/2019	0.011	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
VMP-8-35.5-072219			7/22/2019	0.023	J		0.0023	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
11.5 ft		VMP-8-35.5-072219-DUP	7/22/2019	0.0063	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-8-35.5-101819	10/18/2019	0.0097	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-5-012519	1/25/2019	0.0083	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-5-042419	4/24/2019	0.066			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0041	J	
		VMP-9-5-071919	7/19/2019	0.021	J		0.0012	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-9-5-102519	10/25/2019	<0.03	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		25.5 ft	VMP-9-11.5-013119	1/31/2019	0.017	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U
			VMP-9-11.5-042419	4/24/2019	0.084			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.013	J
			VMP-9-11.5-071919	7/19/2019	0.062			0.048			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.015	J
			VMP-9-11.5-102519	10/25/2019	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U
VMP-9-25.5-011819	1/18/2019		0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U		
VMP-9-25.5-042419	4/24/2019		0.015	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U		
38.5 ft	VMP-9-25.5-071919	7/19/2019	0.014	J		0.0015	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
	VMP-9-25.5-071919-DUP	7/19/2019	0.023	J		0.0019	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U		
	VMP-9-25.5-102519	10/25/2019	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U		
	VMP-9-38.5-011819	1/18/2019	0.0081	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U		
VMP-18	8.5 ft	VMP-9-38.5-011819-DUP	1/18/2019	0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-38.5-042419	4/24/2019	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-9-38.5-042419-DUP	4/24/2019	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-012519	1/25/2019	0.047			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-19	5 ft	VMP-18-8.5-043019	4/30/2019	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-072619	7/26/2019	0.019	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-18-8.5-072619-DUP	7/26/2019	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-18-8.5-102319	10/23/2019	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	0.016	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-19-5-012219	1/22/2019	0.026			<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.0037	J	
		VMP-19-5-043019	4/30/2019	0.033			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.005	J	
		VMP-19-5-043019-Dup	4/30/2019	0.026	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	0.22			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.032		
		VMP-19-5-111519R	11/15/2019	0.0076	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	0.51	J		0.057	J		<0.34	U		<0.53	U		<2	U		<0.11	U		<0.49	U	UJ	<0.61	U	
		VMP-20-5-042619	4/26/2019	0.024	J		0.0026	J		<0.016	U		<0.024	U		<0.092	U		<0.0052	U		<0.022	U		<0.028	U	
		VMP-20-5-072219	7/22/2019	0.014	J		0.0059			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-20-5-102319	10/23/2019	0.014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-20-10-012119	1/21/2019	<0.33	U		0.013	J		<0.094	U		<0.14	U		<0.54	U		<0.031	U		<0.13	U	UJ	<0.16	U	
		VMP-20-10-042619	4/26/2019	0.01	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-20-10-072219	7/22/2019	0.0043	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-20-10-102319	10/23/2019	<0.028	U		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	25 ft	VMP-20-25-012119	1/21/2019	0.0061	J		0.0012	J		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	<0.012	U	
		VMP-20-25-012119-DUP	1/21/2019	0.012	J		0.00084	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U	
		VMP-20-25-042619	4/26/2019	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-20-25-072619	7/26/2019	0.017	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
39.5 ft	VMP-20-25-102319	10/23/2019	<0.029	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U		
	VMP-20-25-102319-DUP	10/23/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U	UJ	<0.014	U		
	VMP-20-39.5-020519	2/5/2019	0.13			0.0023	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0067	J		
	VMP-20-39.5-042619	4/26/2019	0.021	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	0.015	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U	UJ	<0.013	U	
		VMP-21-5-042619	4/26/2019	0.033			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-21-5-072919	7/29/2019	0.026	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-5-102319	10/23/2019	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
	10 ft	VMP-21-10-012119	1/21/2019	0.013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U	UJ	<0.014	U	
		VMP-21-10-042619	4/26/2019	0.16			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.009	J	
		VMP-21-10-072919	7/29/2019	0.019	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	
		VMP-21-10-072919-DUP	7/29/2019	0.022	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	25 ft	VMP-21-10-102319	10/23/2019	0.0095	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-21-10-102319-DUP	10/23/2019	0.0067	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-21-25-012119	1/21/2019	0.0089	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U	UJ	<0.014	U	
		VMP-21-25-042619	4/26/2019	0.031			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.004	J	
33 ft	VMP-21-25-072919	7/29/2019	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U		
	VMP-21-25-102319	10/23/2019	0.0096	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-21-33-012119	1/21/2019	0.0097	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U	UJ	0.0028	J		
	VMP-21-33-012119-DUP	1/21/2019	0.024			0.001	J		<0.0069	U		<0.01	U		<0.04	U		<0.0023	U		0.005	J	J	0.0036	J		
VMP-22	5 ft	VMP-21-33-042619	4/26/2019	0.017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-21-33-072919	7/29/2019	0.024	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0033	J	
		VMP-21-33-102319	10/23/2019	0.0086	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-22-5-012819	1/28/2019	0.0096	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0018	J	
	10 ft	VMP-22-5-043019	4/30/2019	0.0074	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-22-5-072419	7/24/2019	0.028	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U	UJ	<0.0029	U		<0.012	U		<0.015	U	
		VMP-22-5-102319	10/23/2019	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-22-10-012819	1/28/2019	0.006	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	18 ft	VMP-22-10-072419	7/24/2019	0.012	J		0.0014	J		<0.0083	U		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		<0.014	U	
		VMP-22-10-102319	10/23/2019	0.011	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-22-18-012819	1/28/2019	0.015	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.0063	J		0.0018	J	
		VMP-22-18-043019	4/30/2019	0.0084	J		<0.0037	U		0.0039	J		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
38 ft	VMP-22-18-072419	7/24/2019	0.025	J		<0.0042	U		0.0077	J		<0.013	U		<0.05	U	UJ	<0.0029	U		<0.012	U		<0.015	U		
	VMP-22-18-102319	10/23/2019	0.011	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-22-38-012819	1/28/2019	0.012	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0068	J		<0.014	U		
	VMP-22-38-012819-DUP	1/28/2019	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048												

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			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	0.0081	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-23-5-042919	4/29/2019	0.031			0.005			<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.01	J		<0.014	U	
		VMP-23-5-072419	7/24/2019	0.011	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U	UJ	<0.0029	U		<0.012	U		<0.015	U	
	10 ft	VMP-23-5-102419	10/24/2019	0.013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-10-012319	1/23/2019	0.014	J		0.0028	J		0.004	J		<0.011	U		<0.042	U		<0.0024	U		0.021			<0.013	U	
		VMP-23-10-042919	4/29/2019	0.022	J		<0.0038	U		0.0043	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	25 ft	VMP-23-10-072419	7/24/2019	0.0092	J		<0.0039	U		0.0022	J		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-10-102419	10/24/2019	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-25-012319	1/23/2019	0.012	J		<0.0036	U		0.0024	J		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
	40 ft	VMP-23-25-042919	4/29/2019	0.01	J		<0.0038	U		0.0054	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-23-25-072419	7/24/2019	0.01	J		<0.0039	U		0.0041	J		<0.012	U		<0.047	U	UJ	<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-25-102419	10/24/2019	0.02	J		<0.0041	U		0.001	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0022	J	
VMP-24	5 ft	VMP-23-40-012319	1/23/2019	0.011	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-23-40-012319-DUP	1/23/2019	0.018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.012			<0.036	J	
		VMP-23-40-042919	4/29/2019	0.019	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
	10 ft	VMP-23-40-042919-DUP	4/29/2019	0.025	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-24-5-012419	1/24/2019	0.012	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-24-5-012419-DUP	1/24/2019	0.0075	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
	22 ft	VMP-24-5-042419	4/24/2019	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-5-102219	10/22/2019	0.0062	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-10-012419	1/24/2019	0.0057	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
	34 ft	VMP-24-10-042419	4/24/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-10-102219	10/22/2019	0.018	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-24-22-012419	1/24/2019	0.017	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0021	J	
VMP-32	5 ft	VMP-24-22-042419	4/24/2019	0.023	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-22-102219	10/22/2019	<0.028	U		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-34-012419	1/24/2019	0.01	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
	10 ft	VMP-24-34-042419	4/24/2019	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-34-102219	10/22/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-5-012319	1/23/2019	0.032			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
20 ft	VMP-32-5-043019	4/30/2019	0.1			0.016			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.016			
	VMP-32-5-072319	7/23/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0036	J		
	VMP-32-5-072319-DUP	7/23/2019	0.027	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
30 ft	VMP-32-5-102419	10/24/2019	0.0078	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0017	J		
	VMP-32-10-012319	1/23/2019	0.0073	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U		
	VMP-32-10-043019	4/30/2019	0.0075	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U		
VMP-42	10 ft	VMP-32-10-072319	7/23/2019	0.02	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-32-10-102419	10/24/2019	0.0073	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-32-20-012319	1/23/2019	0.027			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0035	J		0.0023	J	
	20 ft	VMP-32-20-043019	4/30/2019	0.015	J		0.0024	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-32-20-072319	7/23/2019	0.034			0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-32-30-012319	1/23/2019	0.0051	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
30 ft	VMP-32-30-050319	5/3/2019	0.064			0.008			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.012	J		
	VMP-32-30-072319	7/23/2019	0.074			0.018			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.014	J		
	VMP-32-30-102419	10/24/2019	0.009	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
VMP-42	10 ft	VMP-42-10-012519	1/25/2019	0.023	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-42-10-050119	5/1/2019	0.016	J		0.032			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.15			<0.014	U	
		VMP-42-10-072319	7/23/2019	0.014	J		0.021			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.038			<0.014	U	
	20 ft	VMP-42-10-102119	10/21/2019	0.0074	J		<0.0036	U		<0.0075	U		<0.012	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			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	0.07			<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-43-10-042919	4/29/2019	0.02	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.0071	J	
		VMP-43-10-080119	8/1/2019	0.032			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-43-10-102119	10/21/2019	0.01	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-43-20-012919	1/29/2019	0.077			<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.13			0.0037	J	
		VMP-43-20-042919	4/29/2019	0.022	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-43-20-080119	8/1/2019	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.16			<0.014	U	
		VMP-43-20-102119	10/21/2019	0.022	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	30 ft	VMP-43-30-012919	1/29/2019	0.014	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-43-30-012919-DUP	1/29/2019	0.023	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0033	J	
		VMP-43-30-042919	4/29/2019	0.011	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-43-30-080119	8/1/2019	0.028	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0035	J		<0.014	U	
VMP-43-30-102119	VMP-43-30-102119	10/21/2019	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-43-30-102119-DUP	10/21/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-44-10-012219	1/22/2019	0.022	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		0.0041	J		
	VMP-44-10-042919	4/29/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	0.021	J		0.0017	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-44-10-102419	10/24/2019	0.012	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0018	J	
		VMP-44-20-020419	2/4/2019	0.13			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0041	J	
		VMP-44-20-020419-DUP	2/4/2019	0.04			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0038	J		<0.015	U	
	20 ft	VMP-44-20-042919	4/29/2019	0.016	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-44-20-072319	7/23/2019	0.39			0.002	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0049	J	
		VMP-44-20-102419	10/24/2019	0.0069	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-44-30-012219	1/22/2019	0.011	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		<0.012	U	
	30 ft	VMP-44-30-042919	4/29/2019	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-44-30-072319	7/23/2019	0.018	J		0.0011	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-44-30-102419	10/24/2019	0.0099	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-45-10-012219	1/22/2019	0.0093	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
VMP-45	10 ft	VMP-45-10-042519	4/25/2019	0.027	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-45-10-080119	8/1/2019	0.018	J		<0.0016	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-10-111519R	11/15/2019	0.0091	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-45-20-012219	1/22/2019	0.018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.016			0.0025	J	
	20 ft	VMP-45-20-042519	4/25/2019	0.0087	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-45-20-080119	8/1/2019	0.045			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.012	J	
		VMP-45-20-102419	10/24/2019	<0.027	U		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0098	J		<0.014	U	
		VMP-45-30-012219	1/22/2019	0.01	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
	30 ft	VMP-45-30-052819R	5/28/2019	0.035			0.0041	J		0.0033	J		<0.014	U		<0.051	U		<0.0029	U		0.019			0.0041	J	
		VMP-45-30-080119	8/1/2019	0.042			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0036	J		0.0035	J	
		VMP-45-30-102419	10/24/2019	0.007	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-45-30-102419-DUP	10/24/2019	0.0062	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	0.02	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-47-5-042519	4/25/2019	0.034			<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0042	J	
		VMP-47-5-072619	7/26/2019	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-5-102319	10/23/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-47-10-012919	1/29/2019	0.013	J		<0.0038	U		0.014			<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0029	J	
		VMP-47-10-042519	4/25/2019	0.0099	J		<0.0035	U		0.021			<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-47-10-072619	7/26/2019	0.0062	J		<0.0041	U		0.007	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-10-102319	10/23/2019	0.0074	J		<0.0042	U		0.013			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-47-20-012919	1/29/2019	0.01	J		<0.0033	U		0.0026	J		<0.01	U		<0.04	U		<0.0023	U		<0.0097	U		<0.012	U	
		VMP-47-20-042519	4/25/2019	0.028	J		<0.004	U		0.0058	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-20-072619	7/26/2019	0.017	J		<0.0039	U		0.0019	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-47-20-102319	10/23/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
30 ft	VMP-47-30-050319	5/3/2019	0.018	J		<0.0038	U		0.012			<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U		
	VMP-47-30-072619	7/26/2019	0.01	J		<0.004	U		0.0034	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
	VMP-47-30-102319	10/23/2019	0.014	J		<0.0043	U		0.0045	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U		

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	0.058			<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0054	J	
		VMP-48-5-042619	4/26/2019	0.014	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-5-072619	7/26/2019	0.02	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
	10 ft	VMP-48-10-012319	1/23/2019	0.011	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-10-042619	4/26/2019	0.0071	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-10-072619	7/26/2019	0.012	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	20 ft	VMP-48-10-102119	10/21/2019	0.005	J		0.00073	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-48-20-012319	1/23/2019	0.027			<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0071	J	
		VMP-48-20-102119	10/21/2019	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	30 ft	VMP-48-30-012319	1/23/2019	<0.026	U		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-48-30-042619	4/26/2019	0.0085	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-30-072619	7/26/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-48-30-102119	10/21/2019	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.011	J		<0.015	U			
VMP-49	5 ft	VMP-49-5-020119	2/1/2019	0.0079	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-49-5-042919	4/29/2019	0.02	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0099	J		<0.015	U	
		VMP-49-5-072919	7/29/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-49-5-101819	10/18/2019	0.0077	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-49-10-012119	1/21/2019	0.028			<0.0034	U		0.0014	J		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	0.0079	J	
		VMP-49-10-042919	4/29/2019	0.017	J		0.0056			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.029			<0.014	U	
	20 ft	VMP-49-10-072919	7/29/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-49-10-101819	10/18/2019	0.0085	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-49-20-012119	1/21/2019	0.0051	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U	UJ	<0.012	U	
	30 ft	VMP-49-20-042919	4/29/2019	0.014	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.015			<0.014	U	
		VMP-49-20-072919	7/29/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-49-20-101819	10/18/2019	0.0087	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	30 ft	VMP-49-30-012119	1/21/2019	0.0059	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U	UJ	<0.012	U	
		VMP-49-30-042919	4/29/2019	0.013	J		0.016		J	<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.28		J	<0.014	U	
		VMP-49-30-042919-DUP	4/29/2019	0.016	J		<0.0041	U	UJ	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.027		J	<0.015	U	
VMP-49-30-072919	7/29/2019	0.031			<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U			
VMP-49-30-101819	10/18/2019	0.0081	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U			
VMP-50	5 ft	VMP-50-5-020519	2/5/2019	0.016	J		0.0083		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-50-5-042919	4/29/2019	0.042			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0035	J	
		VMP-50-5-073019	7/30/2019	0.037			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	10 ft	VMP-50-5-102319	10/23/2019	<0.028	U		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-50-10-012519	1/25/2019	0.0083	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-50-10-042919	4/29/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-50-10-073019	7/30/2019	0.027	J		<0.0042	U		0.0037	J		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-50-10-102319	10/23/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-50-20-020119	2/1/2019	0.0091	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	30 ft	VMP-50-20-042919	4/29/2019	0.018	J		0.054			<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		0.048			<0.014	U	
		VMP-50-20-073019	7/30/2019	0.022	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-50-20-102319	10/23/2019	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	30 ft	VMP-50-30-012519	1/25/2019	<0.53	U		<0.072	U		<0.15	U		<0.23	U		<0.87	U		<0.05	U		13			<0.26	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.49	U		<0.065	U		<0.14	U		<0.21	U		<0.8	U		<0.045	U		13			<0.24	U	
		VMP-50-30-042919	4/29/2019	<0.29	U		<0.039	U		<0.082	U		<0.13	U		<0.48	U		<0.027	U		15			<0.14	U	
VMP-50-30-073019	7/30/2019	<0.6	U		<0.081	U		<0.17	U		<0.26	U		<0.99	U		<0.056	U		12			<0.3	U			
VMP-50-30-102319	10/23/2019	0.039	J		<0.04	U		<0.085	U		<0.13	U		<0.2	U		<0.028	U		16			<0.15	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			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	0.014	J		0.0026	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.014			0.0044	J	
		VMP-51-5-050119	5/1/2019	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-5-072419	7/24/2019	0.0069	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-5-102519	10/25/2019	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	10 ft	VMP-51-10-012319	1/23/2019	0.041			<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0048	J	
		VMP-51-10-050119	5/1/2019	0.022	J		0.0073			<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.017			0.005	J	
		VMP-51-10-072419	7/24/2019	0.01	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-51-10-102519	10/25/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	20 ft	VMP-51-20-012319	1/23/2019	0.014	J		0.002	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-51-20-050119	5/1/2019	0.011	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-51-20-072419	7/24/2019	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-20-102519	10/25/2019	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-51-30-012319	1/23/2019	0.0065	J		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-51-30-050119	5/1/2019	0.0061	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
VMP-51-30-050119-DUP		5/1/2019	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
VMP-51-30-072419		7/24/2019	0.0093	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U	UU	<0.0026	U		<0.011	U		<0.014	U		
VMP-52	5 ft	VMP-51-30-102519	10/25/2019	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-51-30-102519-DUP	10/25/2019	0.0056	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-5-013119	1/31/2019	0.021	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0023	J	
		VMP-52-5-050219	5/2/2019	0.57	J		<0.078	U		<0.16	U		<0.25	U		<0.96	U		<0.054	U		<0.23	U		<0.29	U	
	10 ft	VMP-52-5-072619	7/26/2019	0.0096	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-5-072619-DUP	7/26/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-5-102219	10/22/2019	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-10-013119	1/31/2019	0.0078	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
	20 ft	VMP-52-10-072619	7/26/2019	0.03	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-52-10-102219	10/22/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-52-20-013119	1/31/2019	0.01	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0019	J	
		VMP-52-20-013119-DUP	1/31/2019	0.01	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.0089	J		<0.012	U	
	30 ft	VMP-52-20-050219	5/2/2019	0.0081	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-20-072219	7/22/2019	0.022	J		<0.0013	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-52-20-102219		10/22/2019	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
VMP-52-30-013119		1/31/2019	0.012	J		0.00089	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0051	J		<0.012	U		
VMP-53	5 ft	VMP-52-30-050219	5/2/2019	0.0074	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-52-30-072219	7/22/2019	0.0093	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-52-30-102219	10/22/2019	0.0079	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-52-30-102219-DUP	10/22/2019	0.0083	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	0.01	J		<0.0034	U		0.00073	J		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0024	J	
		VMP-53-5-050319	5/3/2019	0.029	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-53-5-050319-DUP	5/3/2019	0.029	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-53-5-071919	7/19/2019	0.026	J		0.0069			<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-53-5-101819	10/18/2019	0.006	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-53-10-011819	1/18/2019	0.0056	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-53-10-050319	5/3/2019	0.1			0.037			<0.028	U		<0.043	U		<0.16	U		<0.0092	U		<0.04	U		0.022	J	
		VMP-53-10-071919	7/19/2019	0.013	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-53-10-101819	10/18/2019	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-20-011819	1/18/2019	0.01	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0024	J	
		VMP-53-20-050319	5/3/2019	1.1	J		<0.43	U		<0.9	U		<1.4	U		<2.1	U		<0.3	U		0.56	J		<1.6	U	
		VMP-53-20-071919	7/19/2019	0.097			0.002	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	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			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	0.0072	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-5-042419	4/24/2019	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-54-5-072219	7/22/2019	0.038			<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0057	J	
	10 ft	VMP-54-5-102219	10/22/2019	0.0058	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-10-011819	1/18/2019	0.012	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-10-042419	4/24/2019	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-54-10-072219	7/22/2019	0.0091	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-54-10-102219	10/22/2019	0.015	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-54-20-011819	1/18/2019	0.013	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0018	J	
	30 ft	VMP-54-20-042419	4/24/2019	0.025	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-54-20-072219	7/22/2019	0.011	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-54-20-102219	10/22/2019	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
VMP-56	10 ft	VMP-54-30-011819	1/18/2019	0.02	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-30-042419	4/24/2019	0.029			<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-54-30-072219	7/22/2019	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	25 ft	VMP-54-30-102219	10/22/2019	0.0093	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-56-10-012819	1/28/2019	0.018	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0024	J	
		VMP-56-10-050119	5/1/2019	0.018	J		0.061			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.38			<0.014	U	
	38.5 ft	VMP-56-10-072319	7/23/2019	0.028	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-10-102119	10/21/2019	0.0077	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-56-25-012819	1/28/2019	0.023	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0026	J	
	VMP-62	5 ft	VMP-56-25-012819-DUP	1/28/2019	0.016	J		0.00094	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U
			VMP-56-25-050119	5/1/2019	0.012	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U
			VMP-56-25-072319	7/23/2019	0.03			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U
10 ft	VMP-56-25-102119	10/21/2019	0.01	J		0.0042			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.01	J		<0.015	U		
	VMP-56-38.5-012819	1/28/2019	240	J		600			<590	U		<910	U		<1400	U		<200	U		11000			<1000	U		
	VMP-56-38.5-050119	5/1/2019	140	J		880			<330	U		<510	U		<770	U		<110	U		12000			<580	U		
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	0.019	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-62-5-042619	4/26/2019	0.038			0.00082	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0037	J		<0.014	U	
		VMP-62-5-072919	7/29/2019	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-62-5-102319	10/23/2019	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-10-012819	1/28/2019	0.017	J		<0.0036	U		0.0029	J		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-62-10-042619	4/26/2019	0.017	J		<0.0043	U		0.0037	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	20 ft	VMP-62-10-072919	7/29/2019	0.028			<0.0037	U		0.0034	J		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-62-10-072919-DUP	7/29/2019	0.0088	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-10-102319	10/23/2019	0.0062	J		<0.0041	U		0.0031	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-62-20-012819	1/28/2019	0.009	J		0.0013	J		0.0066	J		<0.012	U		<0.043	U		<0.0025	U		0.019			<0.013	U	
		VMP-62-20-042619	4/26/2019	0.013	J		0.00092	J		0.018			<0.013	U		<0.048	U		<0.0027	U		0.0018	J		<0.014	U	
		VMP-62-20-072919	7/29/2019	0.025	J		<0.0039	U		0.011			<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0049	J	
VMP-62-30-020519	VMP-62-20-102319	10/23/2019	0.012	J		<0.0039	U		0.01			<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-62-30-020519	2/5/2019	0.0099	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
	VMP-62-30-042619	4/26/2019	0.043			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
VMP-62-30-042619-DUP	VMP-62-30-042619-DUP	4/26/2019	0.017	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
	VMP-62-30-072919	7/29/2019	0.016	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U		
	VMP-62-30-102319	10/23/2019	0.012	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U		

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

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9						6400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	0.012	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-63-5-042519	4/25/2019	0.02	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-63-5-072319	7/23/2019	0.024	J		0.0014	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-63-5-102419	10/24/2019	0.0071	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0017	J	
		VMP-63-5-102419-DUP	10/24/2019	0.011	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0022	J	
	10 ft	VMP-63-10-012919	1/29/2019	0.034			<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0042	J	
		VMP-63-10-042519	4/25/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-63-10-072319	7/23/2019	0.015	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-63-10-102419	10/24/2019	0.0051	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-63-20-022719R	2/27/2019	0.0091	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0032	J	
	30 ft	VMP-63-20-042519	4/25/2019	0.012	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-63-20-042519-DUP	4/25/2019	0.0087	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-63-20-072319	7/23/2019	0.0084	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-63-20-102419	10/24/2019	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-63-30-020419	2/4/2019	0.02	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0032	J	
VMP-64	5 ft	VMP-63-30-050319	5/3/2019	0.039			<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.0038	J	
		VMP-63-30-072319	7/23/2019	0.016	J		0.00085	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-63-30-102419	10/24/2019	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0021	J	
		VMP-64-5-012119	1/21/2019	0.035			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U	UJ	0.0029	J	
VMP-64	5 ft	VMP-64-5-042619	4/26/2019	0.088			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0081	J	
		VMP-64-5-072519	7/25/2019	0.034			<0.0038	U		<0.0079	U		<0.012	U		<0.046	U	UJ	<0.0026	U		<0.011	U		<0.014	U	
		VMP-64-5-072519-DUP	7/25/2019	0.032			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		0.0034	J	
		VMP-64-5-102319	10/23/2019	0.027	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0057	J	
	10 ft	VMP-64-10-012119	1/21/2019	0.0046	J		0.002	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U	UJ	<0.014	U	
		VMP-64-10-042619	4/26/2019	0.018	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-64-10-072519	7/25/2019	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U	UJ	<0.0027	U		<0.012	U		<0.015	U	
	20 ft	VMP-64-10-102319	10/23/2019	0.023	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-64-20-012119	1/21/2019	0.014	J		0.00098	J		0.00081	J		<0.012	U		<0.043	U		<0.0025	U		<0.011	U	UJ	0.0023	J	
		VMP-64-20-042619	4/26/2019	0.035			<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
VMP-64-20-072519	7/25/2019	0.026	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U	UJ	<0.0029	U		<0.012	U		<0.015	U			
VMP-64-20-102319	10/23/2019	0.0075	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U			

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-1-5-043019	4/30/2019	0.0025	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-1-5-072319	7/23/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0031	J		<0.028	U		<0.007	U	
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-1-8.5-012319	1/23/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-1-8.5-043019	4/30/2019	0.0033	J		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-1-8.5-072319	7/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0032	J		<0.026	U		<0.0064	U	
		VMP-1-8.5-102419	10/24/2019	<0.035	U		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-1-23.5-012319	1/23/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
VMP-1-23.5-043019		4/30/2019	0.0024	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		
VMP-1-23.5-072319		7/23/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0024	J		<0.028	U		<0.007	U		
VMP-1-23.5-102419		10/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-2-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-2-5-072519	7/25/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	ND,UJ	UJ
		VMP-2-5-102119	10/21/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	8.5 ft	VMP-2-8.5-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
		VMP-2-8.5-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-2-8.5-072519	7/25/2019	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.002	J		<0.028	U		<0.0069	ND,UJ	UJ
		VMP-2-8.5-102119	10/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
	22 ft	VMP-2-22-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-2-22-042619	4/26/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-2-22-072519	7/25/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0089			<0.025	U		<0.0063	ND,UJ	UJ
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-3-5-042919	4/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-3-5-072519	7/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	ND,UJ	UJ
		VMP-3-5-101819	10/18/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	J	U
	10 ft	VMP-3-10-020119	2/1/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0.026	U		<0.0064	U	
		VMP-3-10-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0033	J		<0.025	U		<0.0062	U	
		VMP-3-10-072519	7/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0074			<0.026	U		<0.0065	ND,UJ	UJ
		VMP-3-10-072519-DUP	7/25/2019	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0083			<0.031	U		<0.0079	ND,UJ	UJ
	22 ft	VMP-3-10-101819	10/18/2019	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-3-22-012419	1/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0046	J		<0.023	U		<0.0058	U	
		VMP-3-22-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0042	J		<0.025	U		<0.0062	U	
		VMP-3-22-072519	7/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0055	J		<0.026	U		<0.0065	ND,UJ	UJ
31.5 ft	VMP-3-22-101819	10/18/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0025	J		<0.026	U		<0.0065	U		
	VMP-3-31.5-012419	1/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		
	VMP-3-31.5-042919	4/29/2019	0.0024	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		
	VMP-3-31.5-072519	7/25/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ	
39 ft	VMP-3-31.5-101819	10/18/2019	<45	U		<23	U		<17	U		<31	U		<38	U		<18	U		<75	U		<19	U		
	VMP-3-31.5-101819-DUP	10/18/2019	<44	U		<22	U		<16	U		<30	U		<37	U		<17	U		<73	U		<18	U		
39 ft	VMP-3-39-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.0013	J		<0.022	U		<0.0054	U		
	VMP-3-39-012419-DUP	1/24/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		0.0014	J		<0.021	U		<0.0054	U		

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-4-5-043019	4/30/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-4-5-072519	7/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	ND,UJ	UJ
	12 ft	VMP-4-5-102119	10/21/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-4-12-012119	1/21/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-4-12-043019	4/30/2019	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	23.5 ft	VMP-4-12-072519	7/25/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	ND,UJ	UJ
		VMP-4-12-102119	10/21/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-4-23.5-012119	1/21/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U	
		VMP-4-23.5-043019	4/30/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.002	J		<0.0065	U	
VMP-5	5 ft	VMP-4-23.5-072519	7/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	ND,UJ	UJ
		VMP-4-23.5-102119	10/21/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-5-5-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		0.0017	J		<0.021	U		<0.0054	U	
		VMP-5-5-050119	5/1/2019	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0027	J		<0.027	U		<0.0068	U	
		VMP-5-5-072419	7/24/2019	<0.015	U		0.0025	J		<0.0056	U		<0.01	U		<0.013	U		0.0046	J		<0.025	U		<0.0063	ND,UJ	UJ
	12.5 ft	VMP-5-5-072419-DUP	7/24/2019	<0.015	U		0.0023	J		<0.0055	U		<0.01	U		<0.012	U		0.0055	J		<0.024	U		<0.0062	ND,UJ	UJ
		VMP-5-5-102119	10/21/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-5-12.5-012219	1/22/2019	<0.014	U		<0.007	U		<0.0052	U		0.0018	J		<0.012	U		0.025			<0.023	U		<0.0058	U	
		VMP-5-12.5-050119	5/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.022			<0.026	U		<0.0065	U	
		VMP-5-12.5-072419	7/24/2019	<0.016	U		0.0066	J		<0.0058	U		<0.011	U		<0.013	U		0.066			<0.026	U		<0.0065	ND,UJ	UJ
31 ft	VMP-5-12.5-102119	10/21/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0067			<0.023	U		<0.0058	U		
	VMP-5-31-012219	1/22/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0016	J		<0.023	U		<0.0058	U		
	VMP-5-31-050119	5/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0032	J		<0.026	U		<0.0065	U		
	VMP-5-31-072419	7/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0041	J		<0.024	U		<0.0062	ND,UJ	UJ	
40 ft	VMP-5-31-102119	10/21/2019	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0049	J		<0.03	U		<0.0075	U		
	VMP-5-40-020419	2/4/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0039	J		<0.026	U		<0.0064	U		
VMP-6	5 ft	VMP-5-40-050119	5/1/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0034	J		<0.023	U		<0.0058	U	
		VMP-6-5-013119	1/31/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0051	J		<0.022	U		<0.0056	U	
		VMP-6-5-042519	4/25/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-6-5-072219	7/22/2019	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
	10 ft	VMP-6-5-102519	10/25/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-6-10-012219	1/22/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0031	J		<0.023	U		<0.0057	U	
		VMP-6-10-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.015			<0.025	U		<0.0062	U	
		VMP-6-10-072219	7/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.027			<0.026	U		<0.0064	U	
	31.5 ft	VMP-6-10-102519	10/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.024			<0.026	U		<0.0065	U	
		VMP-6-31.5-020119	2/1/2019	<0.028	U		<0.014	U		<0.01	U		<0.019	U		<0.024	U		<0.011	U		<0.046	U		<0.012	U	
VMP-6-31.5-042519		4/25/2019	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0066			<0.027	U		<0.0067	U		
39 ft	VMP-6-31.5-072219	7/22/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0061	J		<0.027	U		<0.0068	U		
	VMP-6-31.5-102519	10/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0058	J		<0.026	U		<0.0066	U		
	VMP-6-39-012219	1/22/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0039	J		<0.023	U		<0.0057	U		
VMP-7	5 ft	VMP-6-39-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0.025	U		<0.0063	U	
		VMP-7-5-012219	1/22/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-7-5-042519	4/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-7-5-072319	7/23/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
	13.5 ft	VMP-7-5-072319-DUP	7/23/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-7-5-102419	10/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-7-13.5-020119	2/1/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-7-13.5-042519	4																								

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		<0.0054	U	
		VMP-8-5-042419	4/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-5-072219	7/22/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0054	J		<0.024	U		<0.0059	U	
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U	
		VMP-8-9.5-011819	1/18/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-8-9.5-042419	4/24/2019	0.0028	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-9.5-072219	7/22/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-9.5-101819	10/18/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-8-23.5-022719R	2/27/2019	0.0022	J		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-8-23.5-042419	4/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	35.5 ft	VMP-8-23.5-072219	7/22/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-8-23.5-101819	10/18/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-8-35.5-011819	1/18/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U	
		VMP-8-35.5-042419	4/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
VMP-8-35.5-042419-DUP		4/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		
VMP-8-35.5-072219		7/22/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0067			<0.025	U		<0.0063	U		
VMP-8-35.5-072219-DUP		7/22/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0058	J		<0.025	U		<0.0063	U		
VMP-9	5 ft	VMP-8-35.5-101819	10/18/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-9-5-012519	1/25/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-9-5-042419	4/24/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-9-5-071919	7/19/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	11.5 ft	VMP-9-5-102519	10/25/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-9-11.5-013119	1/31/2019	<0.013	U		<0.0068	U		<0.0049	U		<0.0092	U		<0.011	U		0.0024	J		<0.022	U		<0.0056	U	
		VMP-9-11.5-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-9-11.5-071919	7/19/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-9-11.5-102519	10/25/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0032	J		<0.027	U		<0.0068	U	
		VMP-9-25.5-011819	1/18/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0047	J		<0.022	U		<0.0055	U	
		VMP-9-25.5-042419	4/24/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0022	J		<0.023	U		<0.0058	U	
	25.5 ft	VMP-9-25.5-071919	7/19/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-9-25.5-102519	10/25/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-9-38.5-011819		1/18/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.036			<0.022	U		<0.0055	U		
38.5 ft	VMP-9-38.5-011819-DUP	1/18/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.034			<0.022	U		<0.0056	U		
	VMP-9-38.5-042419	4/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0063	U		
	VMP-9-38.5-042419-DUP	4/24/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0064	U		
VMP-18	8.5 ft	VMP-18-8.5-012519	1/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-18-8.5-043019	4/30/2019	0.0028	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-18-8.5-072619	7/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-18-8.5-072619-DUP	7/26/2019	0.0064	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.001	J		<0.026	U		<0.0065	ND,UJ	UJ
		VMP-18-8.5-102319	10/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-19-5-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	
		VMP-19-5-043019	4/30/2019	0.0024	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.0035	J		<0.026	U		<0.0064	U	
		VMP-19-5-111519R	11/15/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	<0.64	U		<0.32	U		<0.24	U		<0.44	U		<0.54	U		<0.25	U		<1.1	U		<0.27	U	
		VMP-20-5-042619	4/26/2019	<0.03	U		<0.015	U		<0.011	U		<0.02	U		<0.025	U		<0.012	U		<0.049	U		<0.012	U	
		VMP-20-5-072219	7/22/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
	10 ft	VMP-20-5-102319	10/23/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-20-10-012119	1/21/2019	<0.18	U		<0.088	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.29	U		<0.073	U	
		VMP-20-10-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	25 ft	VMP-20-10-072219	7/22/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-20-10-102319	10/23/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-20-25-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		<0.0054	U	
		VMP-20-25-012119-DUP	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		<0.0054	U	
		VMP-20-25-042619	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.0033	J		<0.0062	U	
		VMP-20-25-072619	7/26/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
39.5 ft	VMP-20-25-102319	10/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
	VMP-20-25-102319-DUP	10/23/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		
VMP-21	5 ft	VMP-20-39.5-020519	2/5/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-39.5-042619	4/26/2019	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-21-5-012119	1/21/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
	10 ft	VMP-21-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-21-5-072919	7/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-5-102319	10/23/2019	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
	25 ft	VMP-21-10-012119	1/21/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-21-10-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-21-10-072919	7/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-21-10-102319	10/23/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-21-10-102319-DUP	10/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	33 ft	VMP-21-25-012119	1/21/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-21-25-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00083	J		<0.025	U		<0.0063	U	
		VMP-21-25-072919	7/29/2019	0.0042	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-21-25-102319	10/23/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0011	J		<0.025	U		<0.0063	U	
		VMP-21-33-012119	1/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.013	U		<0.0064	U		<0.0047	U		<0.0087	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	
VMP-22	5 ft	VMP-21-33-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-21-33-072919	7/29/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-21-33-102319	10/23/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	18 ft	VMP-22-5-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.0006	J		<0.024	U		<0.006	U	
		VMP-22-5-043019	4/30/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-22-5-072419	7/24/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0087			<0.027	U		<0.0068	ND,UJ	UJ
		VMP-22-5-102319	10/23/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0013	J		<0.025	U		<0.0063	U	
		VMP-22-10-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		0.00098	J		<0.024	U		<0.006	U	
		VMP-22-10-072419	7/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.046			<0.026	U		<0.0064	ND,UJ	UJ
38 ft	VMP-22-10-102319	10/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0028	J		<0.026	U		<0.0064	U		
	VMP-22-18-012819	1/28/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.00096	J		<0.023	U		<0.0057	U		
	VMP-22-18-043019	4/30/2019	0.0023	J		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		0.019			<0.024	U		<0.006	U		
38 ft	VMP-22-18-072419	7/24/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.023			<0.027	U		<0.0067	ND,UJ	UJ	
	VMP-22-18-102319	10/23/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.006			<0.025	U		<0.0064	U		
	VMP-22-38-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0042	J		<0.023	U		<0.0058	U	
		VMP-23-5-042919	4/29/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0051	J		<0.025	U		<0.0063	U	
		VMP-23-5-072419	7/24/2019	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0067	ND,UJ	UJ
		VMP-23-5-102419	10/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	10 ft	VMP-23-10-012319	1/23/2019	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		0.012			<0.023	U		<0.0057	U	
		VMP-23-10-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.01			<0.024	U		<0.0061	U	
		VMP-23-10-072419	7/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0059	J		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-23-10-102419	10/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0011	J		<0.026	U		<0.0064	U	
	25 ft	VMP-23-25-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.012			<0.023	U		<0.0058	U	
		VMP-23-25-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.018			<0.024	U		<0.0061	U	
		VMP-23-25-072419	7/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0078			<0.025	U		<0.0063	ND,UJ	UJ
		VMP-23-25-102419	10/24/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0067	U	
40 ft	VMP-23-40-012319	1/23/2019	<0.013	U		<0.0068	U		<0.0049	U		<0.0092	U		<0.011	U		0.0015	J		<0.022	U		<0.0056	U		
	VMP-23-40-012319-DUP	1/23/2019	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U		
	VMP-23-40-042919	4/29/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		
	VMP-23-40-042919-DUP	4/29/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-24-5-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-102219	10/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	10 ft	VMP-24-10-012419	1/24/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-24-10-042419	4/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-10-102219	10/22/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-24-22-012419	1/24/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0055	U		<0.023	U		<0.0059	U	
	22 ft	VMP-24-22-042419	4/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-24-22-102219	10/22/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-24-34-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-24-34-042419	4/24/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
34 ft	VMP-24-34-102219	10/22/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		
	VMP-32-5-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U		
	VMP-32-5-043019	4/30/2019	0.0024	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		0.002	J		<0.0063	U		
	VMP-32-5-072319	7/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	ND,UJ	UJ	
VMP-32	5 ft	VMP-32-5-072319-DUP	7/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-32-5-102419	10/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-32-10-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-32-10-043019	4/30/2019	0.0025	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
	10 ft	VMP-32-10-072319	7/23/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	ND,UJ	UJ
		VMP-32-10-102419	10/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-32-20-012319	1/23/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-32-20-043019	4/30/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	20 ft	VMP-32-20-072319	7/23/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ
		VMP-32-30-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-32-30-050319	5/3/2019	<0.013	U		<0.0068	U		<0.0049	U		<0.0092	U		<0.011	U		<0.0052	U		<0.022	U		<0.0056	U	
		VMP-32-30-072319	7/23/2019	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-42	10 ft	VMP-42-30-102419	10/24/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-10-012519	1/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.00084	J		<0.023	U		<0.0057	U	
		VMP-42-10-050119	5/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024					

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-43-10-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-43-10-080119	8/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	ND,UJ	UJ
	20 ft	VMP-43-10-102119	10/21/2019	0.0024	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0068			<0.024	U		<0.006	U	
		VMP-43-20-012919	1/29/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.001	J		<0.022	U		<0.0055	U	
		VMP-43-20-042919	4/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	30 ft	VMP-43-20-080119	8/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	ND,UJ	UJ
		VMP-43-20-102119	10/21/2019	0.0033	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0039	J		<0.026	U		<0.0064	U	
		VMP-43-30-012919	1/29/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0016	J		<0.023	U		<0.0057	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0018	J		<0.023	U		<0.0058	U	
		VMP-43-30-042919	4/29/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-43-30-080119	8/1/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	ND,UJ	UJ
VMP-44	10 ft	VMP-44-10-012219	1/22/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U	
		VMP-44-10-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-44-10-072319	7/23/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0018	J		<0.028	U		<0.007	U	
	20 ft	VMP-44-10-102419	10/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0012	J		<0.024	U		<0.0059	U	
		VMP-44-20-020419	2/4/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		0.021	J		<0.0063	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	30 ft	VMP-44-20-042919	4/29/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-44-20-072319	7/23/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0028	J		0.0022	J		<0.0062	ND,UJ	UJ
		VMP-44-20-102419	10/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0012	J		<0.024	U		<0.006	U	
		VMP-44-30-012219	1/22/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-44-30-042919	4/29/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-44-30-072319	7/23/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.002	J		<0.024	U		<0.006	ND,UJ	UJ
VMP-45	10 ft	VMP-45-10-012219	1/22/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-45-10-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-45-10-080119	8/1/2019	0.0051	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	ND,UJ	UJ
	20 ft	VMP-45-10-111519R	11/15/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-45-20-012219	1/22/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-45-20-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
	30 ft	VMP-45-20-080119	8/1/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ
		VMP-45-20-102419	10/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-45-30-012219	1/22/2019	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-45-30-052819R	5/28/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-45-30-080119	8/1/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.0022	J		<0.0065	ND,UJ	UJ
		VMP-45-30-102419	10/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0022	J		<0.023	U		<0.0058	U	
		VMP-47-5-042519	4/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0066			<0.025	U		<0.0062	U	
		VMP-47-5-072619	7/26/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0026	J		<0.026	U		<0.0065	U	
	10 ft	VMP-47-5-102319	10/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-47-10-012919	1/29/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.03			<0.024	U		<0.0062	U	
		VMP-47-10-042519	4/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.046			<0.023	U		<0.0057	U	
	20 ft	VMP-47-10-072619	7/26/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.06			<0.026	U		<0.0066	ND,UJ	UJ
		VMP-47-10-102319	10/23/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.032			<0.027	U		<0.0068	U	
		VMP-47-20-012919	1/29/2019	<0.013	U		<0.0064	U		<0.0047	U		<0.0087	U		<0.011	U		0.0094			<0.021	U		<0.0053	U	
		VMP-47-20-042519	4/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.013			<0.026	U		<0.0065	U	
		VMP-47-20-072619	7/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0087			<0.026	U		<0.0064</		

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-48-5-042619	4/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-48-5-072619	7/26/2019	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0026	J		<0.027	U		<0.0067	U	
	10 ft	VMP-48-5-102119	10/21/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U	
		VMP-48-10-012319	1/23/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-48-10-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
	20 ft	VMP-48-10-072619	7/26/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-48-10-102119	10/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-48-20-012319	1/23/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
	30 ft	VMP-48-20-102119	10/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-48-30-012319	1/23/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-48-30-042619	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
VMP-49	5 ft	VMP-48-30-072619	7/26/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-48-30-102119	10/21/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-5-020119	2/1/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
	10 ft	VMP-49-5-042919	4/29/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-49-5-072919	7/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-49-5-101819	10/18/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
	20 ft	VMP-49-10-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.006	U		<0.022	U		<0.0054	U	
		VMP-49-10-042919	4/29/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-49-10-072919	7/29/2019	0.063			<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	30 ft	VMP-49-10-101819	10/18/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-49-20-012119	1/21/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-49-20-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
VMP-50	5 ft	VMP-49-20-072919	7/29/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-20-101819	10/18/2019	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-012119	1/21/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U	
	10 ft	VMP-49-30-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-49-30-072919	7/29/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
20 ft	VMP-49-30-101819	10/18/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.001	J		<0.027	U		<0.0068	U		
	VMP-50-5-020519	2/5/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
	VMP-50-5-042919	4/29/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U		
30 ft	VMP-50-5-073019	7/30/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		0.0021	J		<0.0061	U		
	VMP-50-5-102319	10/23/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		
	VMP-50-10-012519	1/25/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0011	J		<0.023	U		<0.0057	U		
VMP-50	10 ft	VMP-50-10-042919	4/29/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0.026	U		<0.0066	U	
		VMP-50-10-073019	7/30/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.011	U		<0.027	U		<0.0068	U	
		VMP-50-10-102319	10/23/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0.025	U		<0.0064	U	
	20 ft	VMP-50-20-020119	2/1/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0023	J		<0.024	U		<0.006	U	
		VMP-50-20-042919	4/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0052	J		<0.024	U		<0.006	U	
		VMP-50-20-073019	7/30/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0041	J		<0.028	U		<0.0071	U	
30 ft	VMP-50-20-102319	10/23/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U		
	VMP-50-30-012519	1/25/2019	<0.28	U		<0.14	U		<0.1	U		<0.19	U		<0.24	U		0.034	J		<0.46	U		<0.12	U		
	VMP-50-30-012519-DUP	1/25/2019	<0.26	U		<0.13	U		<0.094	U		<0.17	U		<0.22	U		<0.1	U		<0.42	U		<0.11	U		
VMP-50-30-042919	4/29/2019	<0.15	U		<0.077	U		<0.057	U		<0.1	U		<0.13	U		0.021	J		<0.25	U		<0.064	U			
	VMP-50-30-073019	7/30/2019	0.15	J		<0.16	U		<0.12	U		<0.22	U		<0.27	U		<0.12	U		<0.53	U		<0.13	U		

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-51-5-050119	5/1/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-5-072419	7/24/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	ND,UJ	UJ
		VMP-51-5-102519	10/25/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	10 ft	VMP-51-10-012319	1/23/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		0.00092	J		<0.022	U		<0.0056	U	
		VMP-51-10-050119	5/1/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-51-10-072419	7/24/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0016	J		<0.024	U		<0.0062	ND,UJ	UJ
		VMP-51-10-102519	10/25/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	20 ft	VMP-51-20-012319	1/23/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-51-20-050119	5/1/2019	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-51-20-072419	7/24/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0067	ND,UJ	UJ
		VMP-51-20-102519	10/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U	
	30 ft	VMP-51-30-012319	1/23/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.00099	J		<0.022	U		<0.0054	U	
		VMP-51-30-050119	5/1/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-51-30-072419	7/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0019	J		<0.024	U		<0.006	ND,UJ	UJ
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-52-5-050219	5/2/2019	<0.31	U		<0.15	U		<0.11	U		<0.21	U		<0.26	U		<0.12	U		<0.51	U		<0.13	U	
		VMP-52-5-072619	7/26/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	10 ft	VMP-52-5-102219	10/22/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-52-10-013119	1/31/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-52-10-072619	7/26/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-10-102219	10/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	20 ft	VMP-52-20-013119	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0038	J		<0.022	U		<0.0055	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.0018	J		<0.022	U		<0.0055	U	
		VMP-52-20-050219	5/2/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-20-072219	7/22/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	30 ft	VMP-52-20-102219	10/22/2019	0.0081	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0.026	U		<0.0064	U	
		VMP-52-30-013119	1/31/2019	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0022	J		<0.021	U		<0.0053	U	
		VMP-52-30-050219	5/2/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.00094	J		<0.027	U		<0.0068	U	
		VMP-52-30-072219	7/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	<0.013	U		<0.0066	U		0.00082	J		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		0.00099	J	
		VMP-53-5-050319	5/3/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-53-5-050319-DUP	5/3/2019	0.0031	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-53-5-071919	7/19/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
	10 ft	VMP-53-5-101819	10/18/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-53-10-011819	1/18/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-53-10-050319	5/3/2019	<0.052	U		<0.026	U		<0.019	U		<0.036	U		<0.044	U		<0.02	U		<0.086	U		<0.022	U	
		VMP-53-10-071919	7/19/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0.026	U		<0.0066	U	
	20 ft	VMP-53-10-101819	10/18/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U	
		VMP-53-20-011819	1/18/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0084			<0.023	U		<0.0058	U	
		VMP-53-20-050319	5/3/2019	<1.7	U		<0.85	U		<0.62	U		<1.2	U		<1.4	U		<0.66	U		<1.1	U		<0.7	U	
		VMP-53-20-071919	7/19/2019	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		0.0036	J		<0.0068	U	
	30 ft	VMP-53-20-101819	10/18/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-53-30-013119	1/31/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.023			<0.022	U		<0.0055	U	
		VMP-53-30-050319	5/3/2019	<0.16	U		<0.08	U		<0.058	U		<0.11	U		<0.13	U		0.027	J		<0.26	U		<0.066	U	
		VMP-53-30-071919	7/19/2019																								

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene			
				780			0.21			69			57000			0.11												
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		
		VMP-54-5-042419	4/24/2019	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		
		VMP-54-5-072219	7/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
	10 ft	VMP-54-5-102219	10/22/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		
		VMP-54-10-011819	1/18/2019	<0.013	U		<0.0068	U		<0.0049	U		<0.0092	U		<0.011	U		<0.0052	U		<0.022	U		<0.0056	U		
		VMP-54-10-042419	4/24/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		
	20 ft	VMP-54-10-072219	7/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
		VMP-54-10-102219	10/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
		VMP-54-20-011819	1/18/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		
	30 ft	VMP-54-20-042419	4/24/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		
		VMP-54-20-072219	7/22/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U		
		VMP-54-20-102219	10/22/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		
VMP-56	10 ft	VMP-54-30-011819	1/18/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		
		VMP-54-30-042419	4/24/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U		
		VMP-54-30-072219	7/22/2019	0.0033	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		
	25 ft	VMP-54-30-102219	10/22/2019	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		
		VMP-56-10-012819	1/28/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		
		VMP-56-10-050119	5/1/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U		
	38.5 ft	VMP-56-10-072319	7/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.0023	J		<0.0065	U		
		VMP-56-10-102119	10/21/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.00084	J		<0.023	U		<0.0057	U		
		VMP-56-25-012819	1/28/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.00088	J		<0.023	U		<0.0058	U		
	VMP-62	5 ft	VMP-56-25-012819-DUP	1/28/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.00093	J		<0.024	U		<0.006	U	
			VMP-56-25-050119	5/1/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.00095	J		<0.024	U		<0.006	U	
			VMP-56-25-072319	7/23/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0017	J		<0.025	U		<0.0063	U	
10 ft	VMP-56-25-102119	10/21/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U			
	VMP-56-38.5-012819	1/28/2019	<1100	U		<560	U		<410	U		<750	U		<930	U		<430	U		<730	U		<1800	U			
	VMP-56-38.5-050119	5/1/2019	<620	U		<310	U		<230	U		<420	U		<520	U		<240	U		<410	U		<260	U			
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U		
		VMP-62-5-042619	4/26/2019	<0.015	U		<0.0076	U		0.0013	J		<0.01	U		<0.013	U		<0.0059	U		0.0046	J		<0.0063	U		
		VMP-62-5-072919	7/29/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U		
	10 ft	VMP-62-5-102319	10/23/2019	0.0087	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		
		VMP-62-10-012819	1/28/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.012			<0.023	U		<0.0058	U		
		VMP-62-10-042619	4/26/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U		<0.007	U		
	20 ft	VMP-62-10-072919	7/29/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.021			<0.024	U		<0.006	U		
		VMP-62-10-072919-DUP	7/29/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.021			<0.026	U		<0.0064	U		
		VMP-62-10-102319	10/23/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.014			<0.027	U		<0.0067	U		
	30 ft	VMP-62-20-012819	1/28/2019	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.028			<0.023	U		<0.0058	U		
		VMP-62-20-042619	4/26/2019	0.0024	J		<0.0078	U		<0.0057	U		0.0046	J		<0.013	U		0.04			<0.026	U		<0.0064	U		
		VMP-62-20-072919	7/29/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.095			<0.025	U		<0.0063	U		
VMP-62-30	VMP-62-20-102319	10/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.026			<0.026	U		<0.0064	U			
	VMP-62-30-020519	2/5/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0043	J		<0.026	U		<0.0065	U			
	VMP-62-30-042619	4/26/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0047	J		<0.024	U		<0.0062	U			
VMP-62-30	VMP-62-30-042619-DUP	4/26/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0046	J		<0.025	U		<0.0063	U			
	VMP-62-30-072919	7/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0078			<0.024	U		<0.0059	U			
	VMP-62-30-102319	10/23/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0032	J		<0.028	U		<0.007	U			

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000			0.11											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-63-5-042519	4/25/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-63-5-072319	7/23/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-63-5-102419	10/24/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	VMP-63-5-102419-DUP	10/24/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
	10 ft	VMP-63-10-012919	1/29/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-63-10-042519	4/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-10-072319	7/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-10-102419	10/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
	20 ft	VMP-63-20-022719R	2/27/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-63-20-042519	4/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-63-20-072319	7/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
	30 ft	VMP-63-30-102419	10/24/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-30-020419	2/4/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-63-30-050319	5/3/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
VMP-63-30-072319		7/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	ND,UJ	UJ	
VMP-64	5 ft	VMP-64-5-012119	1/21/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-64-5-042619	4/26/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		0.0022	J		<0.006	U	
		VMP-64-5-072519	7/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	ND,UJ	UJ
		VMP-64-5-072519-DUP	7/25/2019	0.0023	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ
	10 ft	VMP-64-5-102319	10/23/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-64-10-012119	1/21/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-64-10-042619	4/26/2019	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-64-10-072519	7/25/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
	20 ft	VMP-64-10-102319	10/23/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-64-20-012119	1/21/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0019	J		<0.023	U		<0.0058	U	
		VMP-64-20-042619	4/26/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-64-20-072519	7/25/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0067	ND,UJ	UJ
	VMP-64-20-102319	10/23/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0013	J		<0.027	U		<0.0067	U		

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-1-5-043019	4/30/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-1-5-072319	7/23/2019	<0.0046	U		<0.0046	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-1-8.5-012319	1/23/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.0044	U	
		VMP-1-8.5-043019	4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-1-8.5-072319	7/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-1-8.5-102419	10/24/2019	<0.0096	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		0.0018	J		<0.011	U		<0.011	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	U		0.0024	J		<0.0051	U		0.00072	J	
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U	
		VMP-1-23.5-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0.0043	U	
VMP-1-23.5-043019		4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U		
VMP-1-23.5-072319		7/23/2019	<0.0046	U		<0.0091	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		0.0024	J		
VMP-1-23.5-102419		10/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U		
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.0043	U	
		VMP-2-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-2-5-072519	7/25/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
	8.5 ft	VMP-2-5-102119	10/21/2019	0.001	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0035	J		<0.0047	U		<0.0047	U	
		VMP-2-8.5-012319	1/23/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
		VMP-2-8.5-042619	4/26/2019	0.023			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-2-8.5-072519	7/25/2019	<0.0046	U		<0.0091	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-2-8.5-102119	10/21/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-2-22-012319	1/23/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0045	U		<0.0045	U	
	22 ft	VMP-2-22-042619	4/26/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-2-22-072519	7/25/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0055	J		<0.005	U		<0.005	U	
VMP-3	5 ft	VMP-3-5-102119	10/21/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0038	J		<0.0049	U		<0.0049	U	
		VMP-3-5-012419	1/24/2019	0.00079	J		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0047	U		<0.0047	U	
		VMP-3-5-042919	4/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0033	J		<0.0046	U		<0.0046	U	
		VMP-3-5-072519	7/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
	10 ft	VMP-3-5-101819	10/18/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	J	U	<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-3-10-020119	2/1/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-3-10-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0035	J		<0.0049	U		<0.0049	U	
		VMP-3-10-072519	7/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0021	J		<0.0062	U		<0.0062	U	
		VMP-3-10-101819	10/18/2019	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
	22 ft	VMP-3-22-012419	1/24/2019	0.0026	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
		VMP-3-22-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0049	U		<0.0049	U	
		VMP-3-22-072519	7/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U	
	31.5 ft	VMP-3-22-101819	10/18/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-3-31.5-012419	1/24/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0096			<0.0045	U		<0.0045	U	
VMP-3-31.5-042919		4/29/2019	0.0043			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
VMP-3-31.5-072519		7/25/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U		
39 ft	VMP-3-31.5-101819	10/18/2019	9.2	J		<28	U		<22	U		<22	U		<22	U		<18	U		<15	U		<15	U		
	VMP-3-31.5-101819-DUP	10/18/2019	9.1	J		<27	U		<21	U		<21	U		<21	U		<18	U		<14	U		<14	U		
39 ft	VMP-3-39-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.0042			

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U	
		VMP-4-5-043019	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-4-5-072519	7/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.0051	U		<0.0051	U	
	12 ft	VMP-4-5-102119	10/21/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-4-12-012119	1/21/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-4-12-043019	4/30/2019	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	
	23.5 ft	VMP-4-12-072519	7/25/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-4-12-102119	10/21/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-4-23.5-012119	1/21/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0.0042	U	
		VMP-4-23.5-043019	4/30/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
VMP-5	5 ft	VMP-4-23.5-072519	7/25/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-4-23.5-102119	10/21/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-5-5-012219	1/22/2019	0.028			<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		0.0015	J	
		VMP-5-5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-5-5-072419	7/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0.0049	U	
	12.5 ft	VMP-5-5-072419-DUP	7/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-5-5-102119	10/21/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-5-12.5-012219	1/22/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-5-12.5-050119	5/1/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-5-12.5-072419	7/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-5-12.5-102119	10/21/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0.0045	U	
	31 ft	VMP-5-31-012219	1/22/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
		VMP-5-31-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
		VMP-5-31-072419	7/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-5-31-102119	10/21/2019	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U	
	40 ft	VMP-5-40-020419	2/4/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-5-40-050119	5/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
	VMP-6	5 ft	VMP-6-5-013119	1/31/2019	0.0098			<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0.0044	U
			VMP-6-5-042519	4/25/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0.0046	U
			VMP-6-5-072219	7/22/2019	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U
VMP-6-5-102519			10/25/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
10 ft		VMP-6-10-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-6-10-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U	
		VMP-6-10-072219	7/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-6-10-102519	10/25/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
31.5 ft		VMP-6-31.5-020119	2/1/2019	0.086			<0.017	U		<0.013	U		<0.013	U		<0.013	U		<0.011	U		<0.0091	U		<0.0091	U	
		VMP-6-31.5-042519	4/25/2019	0.045			<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-6-31.5-072219	7/22/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
39 ft		VMP-6-31.5-102519	10/25/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-6-39-012219	1/22/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.0045	U	
		VMP-6-39-042519	4/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-6-39-102519	10/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
VMP-7	5 ft	VMP-7-5-012219	1/22/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.0043	U	
		VMP-7-5-042519	4/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-7-5-072319	7/23/2019	<0.0042	U		<0.0093	U		0.0016	J		0.002	J		0.0022	J		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-7-5-102419	10/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
	13.5 ft	VMP-7-13.5-020119	2/1/2019	<0.0042	U		<0.0093	U		<0.0073	U																

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			
				0.0078			290			1200			270			690			0.099									
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.0042	U		
		VMP-8-5-042419	4/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U		
		VMP-8-5-072219	7/22/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.0046	U		
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		
		VMP-8-9.5-011819	1/18/2019	0.00062	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U		
		VMP-8-9.5-042419	4/24/2019	0.067			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U		
		VMP-8-9.5-072219	7/22/2019	0.028			<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		
		VMP-8-9.5-101819	10/18/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U		
		VMP-8-23.5-022719R	2/27/2019	0.0032	J		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U		
	35.5 ft	VMP-8-23.5-042419	4/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.0047	U		
		VMP-8-23.5-072219	7/22/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		
		VMP-8-23.5-101819	10/18/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U		
		VMP-8-35.5-011819	1/18/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U		
		VMP-8-35.5-042419	4/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		
		VMP-8-35.5-042419-DUP	4/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0046	U		<0.0046	U		
VMP-8-35.5-072219		7/22/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U			
VMP-8-35.5-072219-DUP		7/22/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U			
VMP-8-35.5-101819		10/18/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U			
VMP-9		5 ft	VMP-9-5-012519	1/25/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.0044	U	
			VMP-9-5-042419	4/24/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
			VMP-9-5-071919	7/19/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
	11.5 ft	VMP-9-5-102519	10/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.005	U		<0.005	U		
		VMP-9-11.5-013119	1/31/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U		
		VMP-9-11.5-042419	4/24/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U		
		VMP-9-11.5-071919	7/19/2019	0.061			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		
		VMP-9-11.5-102519	10/25/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U		
		VMP-9-25.5-011819	1/18/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.0043	U		
	25.5 ft	VMP-9-25.5-042419	4/24/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U		
		VMP-9-25.5-071919	7/19/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U		
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U		
		VMP-9-25.5-102519	10/25/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		
		VMP-9-38.5-011819	1/18/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.0043	U		
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U		
38.5 ft	VMP-9-38.5-042419	4/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U			
	VMP-9-38.5-042419-DUP	4/24/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U			
	VMP-18-8.5-012519	1/25/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0028	J		<0.0048	U		<0.0048	U			
VMP-18	8.5 ft	VMP-18-8.5-043019	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		
		VMP-18-8.5-072619	7/26/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		
		VMP-18-8.5-072619-DUP	7/26/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U		
		VMP-18-8.5-102319	10/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J	J	<0.0051	U		<0.0051	U		
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J	J	<0.0052	U		<0.0052	U		
VMP-19	5 ft	VMP-19-5-012219	1/22/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U		
		VMP-19-5-043019	4/30/2019	<0.0043	U		<0.0095	U		<0.0074	U		0.0052	J		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		
		VMP-19-5-043019-Dup	4/30/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U		
		VMP-19-5-073119	7/31/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		
		VMP-19-5-111519R	11/15/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	
																												0.0078
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	1.5			<0.4	U		<0.31	U		<0.31	U		<0.31	U		<0.25	U		<0.21	U		<0.21	U		
		VMP-20-5-042619	4/26/2019	<0.0082	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0025	J		<0.0096	U		<0.0096	U		
		VMP-20-5-072219	7/22/2019	0.0025	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
	10 ft	VMP-20-5-102319	10/23/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0031	J	J	<0.0047	U		<0.0047	U		
		VMP-20-10-012119	1/21/2019	0.073			<0.11	U		<0.084	U		<0.084	U		<0.084	U		<0.069	U		<0.057	U		<0.057	U		
		VMP-20-10-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		
		VMP-20-10-072219	7/22/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
		VMP-20-10-102319	10/23/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0027	J	J	<0.0047	U		<0.0047	U		
		VMP-20-25-012119	1/21/2019	0.00057	J		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.0042	U		
	25 ft	VMP-20-25-012119-DUP	1/21/2019	<0.0036	U		<0.008	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0022	J		<0.0042	U		<0.0042	U		
		VMP-20-25-042619	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U		
		VMP-20-25-072619	7/26/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	U		<0.0051	U		<0.0051	U		
		VMP-20-25-102319	10/23/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J	J	<0.005	U		<0.005	U		
	39.5 ft	VMP-20-25-102319-DUP	10/23/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U		
		VMP-20-39.5-020519	2/5/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		
		VMP-20-39.5-042619	4/26/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.011			<0.0046	U		<0.0046	U		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0044	U		<0.0044	U		
		VMP-21-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U		
		VMP-21-5-072919	7/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		
	10 ft	VMP-21-5-102319	10/23/2019	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U		
		VMP-21-10-012119	1/21/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U		
		VMP-21-10-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U		
		VMP-21-10-072919	7/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		
		VMP-21-10-072919-DUP	7/29/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		
		VMP-21-10-102319	10/23/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0048	U		<0.0048	U		
	25 ft	VMP-21-10-102319-DUP	10/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		
		VMP-21-25-012119	1/21/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U		
		VMP-21-25-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U		
		VMP-21-25-072919	7/29/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		
	33 ft	VMP-21-25-102319	10/23/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		
		VMP-21-33-012119	1/21/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U		
		VMP-21-33-012119-DUP	1/21/2019	0.00067	J		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0041	U		<0.0041	U		
		VMP-21-33-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U		
	VMP-22	5 ft	VMP-21-33-072919	7/29/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
			VMP-21-33-102319	10/23/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U	
VMP-22-5-012819			1/28/2019	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0047	U		<0.0047	U		
10 ft		VMP-22-5-043019	4/30/2019	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0046	U		<0.0046	U		
		VMP-22-5-072419	7/24/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U		
		VMP-22-5-102319	10/23/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J	J	<0.0049	U		<0.0049	U		
		VMP-22-10-012819	1/28/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U		
18 ft		VMP-22-10-072419	7/24/2019	0.0011	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U		
		VMP-22-10-102319	10/23/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0036	J	J	<0.005	U		<0.005	U		
		VMP-22-18-012819	1/28/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0045	U		<0.0045	U		
		VMP-22-18-043019	4/30/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U		
38 ft		VMP-22-18-072419	7/24/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0053	U		<0.0053	U		
	VMP-22-18-102319	10/23/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J	J	<0.005	U		<0.005	U			
	VMP-22-38-012819	1/28/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U															

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-23-5-042919	4/29/2019	0.0019	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0036	J		<0.0049	U		<0.0049	U	
		VMP-23-5-072419	7/24/2019	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
	VMP-23-5-102419	10/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U		
	10 ft	VMP-23-10-012319	1/23/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0032	J		<0.0044	U		<0.0044	U	
		VMP-23-10-042919	4/29/2019	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0.0048	U	
		VMP-23-10-072419	7/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
	25 ft	VMP-23-10-102419	10/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-23-25-012319	1/23/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-23-25-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0035	J		<0.0048	U		<0.0048	U	
	40 ft	VMP-23-25-072419	7/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-23-25-102419	10/24/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
VMP-23-40-012319		1/23/2019	<0.0037	U	UJ	<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.0044	U		
VMP-24	5 ft	VMP-23-40-012319-DUP	1/23/2019	0.01		J	<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0.0044	U	
		VMP-23-40-042919	4/29/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-23-40-042919-DUP	4/29/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
	10 ft	VMP-24-5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0023	J		<0.0044	U		<0.0044	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-24-5-042419	4/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
VMP-32	5 ft	VMP-24-5-102219	10/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-24-10-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.0044	U	
		VMP-24-10-042419	4/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
	22 ft	VMP-24-10-102219	10/22/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-24-22-012419	1/24/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-24-22-042419	4/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
34 ft	VMP-24-22-102219	10/22/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U		
	VMP-24-34-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0.0043	U		
	VMP-24-34-042419	4/24/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U		
VMP-42	5 ft	VMP-24-34-102219	10/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U	
		VMP-32-5-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.0043	U	
		VMP-32-5-043019	4/30/2019	0.005			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-32-5-072319	7/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-32-5-102419	10/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
	20 ft	VMP-32-10-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.0043	U	
		VMP-32-10-043019	4/30/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-32-10-072319	7/23/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
	30 ft	VMP-32-10-102419	10/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-32-20-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0025	J		<0.0043	U		<0.0043	U	
		VMP-32-20-043019	4/30/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
VMP-42	10 ft	VMP-32-20-072319	7/23/2019	0.0014	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-32-30-012319	1/23/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.0043	U	
		VMP-32-30-050319	5/3/2019	0.0034	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.0044	U	
	20 ft	VMP-32-30-072319	7/23/2019	0.018			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-32-30-102419	10/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-42-10-012519	1/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
30 ft	VMP-42-10-050119	5/1/2019	0.049			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
	VMP-42-10-072319	7/23/2019	0.017			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U		
	VMP-42-10-102119	10/21/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U		
	VMP-42-20-020519	2/5/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		
	VMP-42-20-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U		
	VMP-42-20-072319	7/23/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		
30 ft	VMP-42-20-102119	10/21/2019	<0.0042	U		<0.0095	U																				

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	0.0044			<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0.0045	U	
		VMP-43-10-042919	4/29/2019	0.005			<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0037	J		<0.0048	U		<0.0048	U	
		VMP-43-10-080119	8/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-43-10-102119	10/21/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-43-20-012919	1/29/2019	0.017			<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0025	J		<0.0043	U		<0.0043	U	
		VMP-43-20-042919	4/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-43-20-080119	8/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
	30 ft	VMP-43-20-102119	10/21/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-43-30-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U	
		VMP-43-30-012919-DUP	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-43-30-042919	4/29/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
VMP-43-30-080119		8/1/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U		
VMP-44	10 ft	VMP-43-30-102119	10/21/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-43-30-102119-DUP	10/21/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-44-10-012219	1/22/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0028	J		<0.0042	U		<0.0042	U	
		VMP-44-10-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-44-10-072319	7/23/2019	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-44-10-102419	10/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U	
		VMP-44-20-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-44-20-042919	4/29/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-44-20-072319	7/23/2019	0.00074	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-44-20-102419	10/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U	
VMP-45	10 ft	VMP-44-30-012219	1/22/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0043	U		<0.0043	U	
		VMP-44-30-042919	4/29/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-44-30-072319	7/23/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U	
		VMP-44-30-102419	10/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0018	J		<0.0044	U		<0.0044	U	
	20 ft	VMP-45-10-012219	1/22/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-45-10-042519	4/25/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-45-10-080119	8/1/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-45-10-111519R	11/15/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-45-20-012219	1/22/2019	0.001	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0044	U		<0.0044	U	
		VMP-45-20-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-45-20-080119	8/1/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
VMP-47	5 ft	VMP-45-20-102419	10/24/2019	0.0035	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-45-30-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0024	J		<0.0044	U		<0.0044	U	
		VMP-45-30-052819R	5/28/2019	0.0027	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-45-30-080119	8/1/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
VMP-47	10 ft	VMP-45-30-102419	10/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0048	U		<0.0048	U	
		VMP-45-30-102419-DUP	10/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-47-5-012919	1/29/2019	0.0013	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
		VMP-47-5-042519	4/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
	20 ft	VMP-47-5-072619	7/26/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
		VMP-47-5-102319	10/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-47-10-012919	1/29/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-47-10-042519	4/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
	30 ft	VMP-47-10-072619	7/26/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-47-10-102319	10/23/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-47-20-012919	1/29/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0041	U		<0.0041	U	
VMP-47-20-042519		4/25/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U		
VMP-47-20-072619		7/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		
VMP-47-20-102319		10/23/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		
VMP-47-30-050319		5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U														

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab 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-48-5-012319	1/23/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-48-5-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-48-5-072619	7/26/2019	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-48-5-102119	10/21/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-48-10-012319	1/23/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0.0044	U	
		VMP-48-10-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
	20 ft	VMP-48-10-072619	7/26/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-48-10-102119	10/21/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-48-20-012319	1/23/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0043	U		<0.0043	U	
	30 ft	VMP-48-20-102119	10/21/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-48-30-012319	1/23/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0043	J		<0.0045	U		<0.0045	U	
		VMP-48-30-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U	
VMP-48-30-072619		7/26/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U		
VMP-48-30-102119	10/21/2019	0.0015	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U			
VMP-49	5 ft	VMP-49-5-020119	2/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U	
		VMP-49-5-042919	4/29/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0035	J		<0.0052	U		<0.0052	U	
		VMP-49-5-072919	7/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-49-5-101819	10/18/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-49-10-012119	1/21/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0027	J		<0.0042	U		<0.0042	U	
		VMP-49-10-042919	4/29/2019	0.011			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0036	J		<0.0047	U		<0.0047	U	
		VMP-49-10-072919	7/29/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-49-10-101819	10/18/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-49-20-012119	1/21/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0.0043	U	
		VMP-49-20-042919	4/29/2019	0.0018	J		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-49-20-072919	7/29/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-49-20-101819	10/18/2019	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
	30 ft	VMP-49-30-012119	1/21/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0027	J		<0.0042	U		<0.0042	U	
		VMP-49-30-042919	4/29/2019	0.026		J	<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-49-30-042919-DUP	4/29/2019	0.0013	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0037	J		<0.0052	U		<0.0052	U	
VMP-49-30-072919		7/29/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		
VMP-49-30-101819	10/18/2019	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0053	J		<0.0054	U		<0.0054	U			
VMP-50	5 ft	VMP-50-5-020519	2/5/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-50-5-042919	4/29/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-50-5-073019	7/30/2019	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-50-5-102319	10/23/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J	J	<0.0048	U		<0.0048	U	
	10 ft	VMP-50-10-012519	1/25/2019	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0026	J		<0.0045	U		<0.0045	U	
		VMP-50-10-042919	4/29/2019	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-50-10-073019	7/30/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
		VMP-50-10-102319	10/23/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J	J	<0.005	U		<0.005	U	
	20 ft	VMP-50-20-020119	2/1/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-50-20-042919	4/29/2019	0.044			<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0032	J		<0.0046	U		<0.0046	U	
		VMP-50-20-073019	7/30/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-50-20-102319	10/23/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J	J	<0.0053	U		<0.0053	U	
	30 ft	VMP-50-30-012519	1/25/2019	5			<0.17	U		<0.14	U		<0.14	U		<0.14	U		<0.11	U		<0.091	U		<0.091	U	
VMP-50-30-012519-DUP		1/25/2019	5			<0.16	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.083	U		<0.083	U		
VMP-50-30-042919		4/29/2019	3.6			<0.094	U		<0.074	U		<0.074	U		<0.074	U		<0.061	U		<0.05	U		<0.05	U		
VMP-50-30-073019		7/30/2019	4.1			<0.2	U		<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U		
VMP-50-30-102319	10/23/2019	4.8			<0.097	U		<0.076	U		<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U			

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			1200			270			690			0.099								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	0.004			<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-51-5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-51-5-072419	7/24/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0023	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-51-10-012319	1/23/2019	0.0014	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U	
		VMP-51-10-050119	5/1/2019	0.006			<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-51-10-072419	7/24/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-51-10-102519	10/25/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U	
		VMP-51-20-012319	1/23/2019	0.0027	J		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0026	J		<0.0043	U		<0.0043	U	
		VMP-51-20-050119	5/1/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0.0044	U	
	30 ft	VMP-51-20-072419	7/24/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-51-20-102519	10/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-51-30-012319	1/23/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0042	U		<0.0042	U	
		VMP-51-30-050119	5/1/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0038	J		<0.0055	U		<0.0055	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U	
VMP-51-30-072419		7/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0.0047	U		<0.0047	U		
VMP-51-30-102519		10/25/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U		
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-52-5-050219	5/2/2019	<0.085	U		<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.1	U	
		VMP-52-5-072619	7/26/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
	10 ft	VMP-52-5-102219	10/22/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-52-10-013119	1/31/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.0045	U	
		VMP-52-10-072619	7/26/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-52-10-102219	10/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
	20 ft	VMP-52-20-013119	1/31/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.0043	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0036	U		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0.0043	U	
		VMP-52-20-050219	5/2/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U	
		VMP-52-20-072219	7/22/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-52-20-102219	10/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-52-30-013119	1/31/2019	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0042	U		<0.0042	U	
30 ft	VMP-52-30-050219	5/2/2019	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U		
	VMP-52-30-072219	7/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U		
	VMP-52-30-102219	10/22/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U		
	VMP-52-30-102219-DUP	10/22/2019	0.0019	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U		
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	<0.0036	U		0.0017	J		0.002	J		0.0019	J		0.0018	J		0.0024	J		<0.0042	U		<0.0042	U	
		VMP-53-5-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		<0.0058	U		<0.0048	U		<0.0048	U	
		VMP-53-5-071919	7/19/2019	0.0027	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
	10 ft	VMP-53-5-101819	10/18/2019	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-53-10-011819	1/18/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-53-10-050319	5/3/2019	0.11			<0.032	U		<0.025	U		<0.025	U		<0.025	U		<0.021	U		<0.017	U		<0.017	U	
		VMP-53-10-071919	7/19/2019	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-53-10-101819	10/18/2019	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-53-20-011819	1/18/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-53-20-050319	5/3/2019	0.71			<1	U		<0.81	U		<0.81	U		<0.81	U		<0.67	U		<0.55	U		<0.55	U	
		VMP-53-20-071919	7/19/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-53-20-101819	10/18/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-53-30-013119	1/31/2019	0.00067	J		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043					

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane			
				0.0078			290			1200			270			690			0.099									
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.0038	U		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0023	J		<0.0045	U		<0.0045	U		
		VMP-54-5-042419	4/24/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0032	J		<0.0046	U		<0.0046	U		
		VMP-54-5-072219	7/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		
	10 ft	VMP-54-5-102219	10/22/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U		
		VMP-54-10-011819	1/18/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0024	J		<0.0044	U		<0.0044	U		
		VMP-54-10-042419	4/24/2019	<0.0045	U		<0.0091	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		
	20 ft	VMP-54-10-072219	7/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U		
		VMP-54-10-102219	10/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U		
		VMP-54-20-011819	1/18/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U		
	30 ft	VMP-54-20-042419	4/24/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0033	J		<0.0045	U		<0.0045	U		
		VMP-54-20-072219	7/22/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
		VMP-54-20-102219	10/22/2019	<0.0045	U		<0.0091	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U		
VMP-56	10 ft	VMP-54-30-011819	1/18/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U		
		VMP-54-30-042419	4/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0028	J		<0.0044	U		<0.0044	U		
		VMP-54-30-072219	7/22/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U		
	25 ft	VMP-54-30-102219	10/22/2019	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U		
		VMP-56-10-012819	1/28/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U		
		VMP-56-10-050119	5/1/2019	0.1			<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U		
	38.5 ft	VMP-56-10-072319	7/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U		
		VMP-56-10-102119	10/21/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.003	J		<0.0044	U		<0.0044	U		
		VMP-56-25-012819	1/28/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U		
	VMP-62	5 ft	VMP-56-25-012819-DUP	1/28/2019	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
			VMP-56-25-050119	5/1/2019	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0047	U		<0.0047	U	
			VMP-56-25-072319	7/23/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
10 ft	VMP-56-25-102119	10/21/2019	0.0028	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U			
	VMP-56-38.5-012819	1/28/2019	430			<680	U		<530	U		<530	U		<530	U		<440	U		<360	U		<360	U			
	VMP-56-38.5-050119	5/1/2019	1400			<380	U		<300	U		<300	U		<300	U		<240	U		<200	U		<200	U			
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U		
		VMP-62-5-042619	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U		
		VMP-62-5-072919	7/29/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U		
	10 ft	VMP-62-5-102319	10/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U		
		VMP-62-10-012819	1/28/2019	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.0046	U		<0.0046	U		
		VMP-62-10-042619	4/26/2019	<0.0046	U		<0.0091	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U		
	20 ft	VMP-62-10-072919	7/29/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U		
		VMP-62-10-072919-DUP	7/29/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U		
		VMP-62-10-102319	10/23/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U		
	30 ft	VMP-62-20-012819	1/28/2019	0.001	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U		
		VMP-62-20-042619	4/26/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U		
		VMP-62-20-072919	7/29/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		
VMP-62-30	VMP-62-20-102319	10/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U			
	VMP-62-30-020519	2/5/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U			
	VMP-62-30-042619	4/26/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U			
VMP-62-30	VMP-62-30-042619-DUP	4/26/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U			
	VMP-62-30-072919	7/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	U		<0.0046	U		<0.0046	U			
	VMP-62-30-102319	10/23/2019	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U			

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

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.0078			290			290			1200			270			690			0.099					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U	
		VMP-63-5-042519	4/25/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0038	J		<0.005	U		<0.005	U	
		VMP-63-5-072319	7/23/2019	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		0.0018	J	
		VMP-63-5-102419	10/24/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	J	U	<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
	10 ft	VMP-63-10-012919	1/29/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0023	J		<0.0044	U		<0.0044	U	
		VMP-63-10-042519	4/25/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-63-10-072319	7/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-63-10-102419	10/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-63-20-022719R	2/27/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
	30 ft	VMP-63-20-042519	4/25/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0031	J		<0.0046	U		<0.0046	U	
		VMP-63-20-072319	7/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-63-20-102419	10/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-63-30-020419	2/4/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U	
VMP-64	5 ft	VMP-63-30-050319	5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-63-30-072319	7/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-63-30-102419	10/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-64-5-012119	1/21/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0021	J		<0.0046	U		<0.0046	U	
		VMP-64-5-042619	4/26/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.002	J		<0.0047	U		<0.0047	U	
	10 ft	VMP-64-5-072519	7/25/2019	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-64-5-102319	10/23/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-64-10-012119	1/21/2019	0.0007	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-64-10-042619	4/26/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-64-10-072519	7/25/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-64-10-102319	10/23/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-64-20-012119	1/21/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U	
		VMP-64-20-042619	4/26/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-64-20-072519	7/25/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
VMP-64-20-102319	10/23/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U			

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane				
				240			1100000			85			5.6			0.31						0.22							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U			
		VMP-1-5-043019	4/30/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U			
		VMP-1-5-072319	7/23/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U			
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-1-8.5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U			
		VMP-1-8.5-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0045	J			
		VMP-1-8.5-072319	7/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-1-8.5-102419	10/24/2019	<0.011	U		0.0049	J		<0.011	U		<0.097	U		<0.013	U		<0.013	U		<0.013	U		<0.04	U			
		VMP-1-8.5-102419-DUP	10/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U			
		VMP-1-23.5-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U			
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U			
VMP-1-23.5-043019		4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U				
VMP-1-23.5-072319		7/23/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U				
VMP-1-23.5-102419		10/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U				
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U			
		VMP-2-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-2-5-072519	7/25/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U			
		VMP-2-5-102119	10/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U			
	8.5 ft	VMP-2-8.5-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U			
		VMP-2-8.5-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U			
		VMP-2-8.5-072519	7/25/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U			
		VMP-2-8.5-102119	10/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U			
	22 ft	VMP-2-22-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U			
		VMP-2-22-042619	4/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-2-22-042619-DUP	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U			
		VMP-2-22-072519	7/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		0.0017	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U			
		VMP-3-5-042919	4/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U			
		VMP-3-5-072519	7/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-3-5-101819	10/18/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
	10 ft	VMP-3-10-020119	2/1/2019	<0.0049	U		<0.0049	U		0.003	J		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-3-10-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		0.0031	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U			
		VMP-3-10-072519	7/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-3-10-072519-DUP	7/25/2019	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U			
		VMP-3-10-101819	10/18/2019	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U			
	22 ft	VMP-3-22-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U			
		VMP-3-22-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U			
		VMP-3-22-072519	7/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-3-22-101819	10/18/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
31.5 ft	VMP-3-31.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U				
	VMP-3-31.5-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U				
	VMP-3-31.5-072519	7/25/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U				
	VMP-3-31.5-101819	10/18/2019	<14	U		<14	U		<14	U		<14	U		8.3	J		<16	U		<16	U		<52	U				
39 ft	VMP-3-31.5-101819-DUP	10/18/2019	<14	U		<14	U		<14	U		<14	U		6.6	J		<16	U		<16	U		<51					

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab 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-4-5-012119	1/21/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-4-5-043019	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-4-5-072519	7/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	12 ft	VMP-4-5-102119	10/21/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-4-12-012119	1/21/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-4-12-043019	4/30/2019	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-072519	7/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	23.5 ft	VMP-4-12-102119	10/21/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-23.5-012119	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-4-23.5-043019	4/30/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-4-23.5-072519		7/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U		
VMP-4-23.5-102119		10/21/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
VMP-5	5 ft	VMP-5-5-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		0.008	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-5-5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-072419	7/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	12.5 ft	VMP-5-5-102119	10/21/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-5-12.5-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-12.5-050119	5/1/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-12.5-072419	7/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	31 ft	VMP-5-12.5-102119	10/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-31-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-5-31-050119	5/1/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	40 ft	VMP-5-31-072419	7/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-5-31-102119	10/21/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-5-40-020419	2/4/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-5-40-050119		5/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
VMP-6	5 ft	VMP-6-5-013119	1/31/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-6-5-042519	4/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-6-5-072219	7/22/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-6-5-102519	10/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-6-10-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-6-10-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-10-072219	7/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-10-102519	10/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	31.5 ft	VMP-6-31.5-020119	2/1/2019	<0.0089	U		<0.0089	U		<0.0089	U		<0.078	U		<0.01	U		<0.01	U		<0.01	U		<0.032	U	
		VMP-6-31.5-042519	4/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-6-31.5-072219	7/22/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-31.5-102519	10/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
39 ft	VMP-6-39-012219	1/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		0.0036	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
	VMP-6-39-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U		
VMP-7	5 ft	VMP-7-5-012219	1/22/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-7-5-042519	4/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-7-5-072319	7/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	13.5 ft	VMP-7-5-102419	10/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-13.5-020119	2/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-13.5-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-13.5-072319	7/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	29.5 ft	VMP-7-13.5-102419	10/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-7-29.5-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-7-29.5-042519	4/25/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U										

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-8-5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-5-072219	7/22/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-8-9.5-011819	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-8-9.5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-9.5-072219	7/22/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-9.5-101819	10/18/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-23.5-022719R	2/27/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	35.5 ft	VMP-8-23.5-042419	4/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-23.5-072219	7/22/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-23.5-101819	10/18/2019	<0.005	U		<0.005	U		<0.005	U		<0.04	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-8-35.5-011819		1/18/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U		
VMP-8-35.5-042419		4/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U		
VMP-8-35.5-042419-DUP		4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
VMP-8-35.5-072219		7/22/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
VMP-9	5 ft	VMP-8-35.5-072219-DUP	7/22/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-35.5-101819	10/18/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-5-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	11.5 ft	VMP-9-5-071919	7/19/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-5-102519	10/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-013119	1/31/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
		VMP-9-11.5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-071919	7/19/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	25.5 ft	VMP-9-11.5-102519	10/25/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-25.5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-9-25.5-042419	4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
VMP-9-25.5-071919		7/19/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
VMP-9-25.5-071919-DUP		7/19/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U		
VMP-9-25.5-102519		10/25/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U		
38.5 ft		VMP-9-38.5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
	VMP-9-38.5-011819-DUP	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U		
	VMP-9-38.5-042419	4/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U		
	VMP-9-38.5-042419-DUP	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
VMP-18	8.5 ft	VMP-18-8.5-012519	1/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-18-8.5-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-072619	7/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-18-8.5-102319	10/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U	UJ	<0.0057	U		<0.0057	U		<0.018	U	
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U	UJ	<0.0059	U		<0.0059	U		<0.019	U	
		VMP-19-5-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-19-5-043019	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-19	5 ft	VMP-19-5-073119	7/31/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-19-5-111519R	11/15/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	<0.2	U		<0.2	U		<0.2	U		0.2	J		<0.24	U		<0.23	U		<0.23	U		<0.74	U	
		VMP-20-5-042619	4/26/2019	<0.0094	U		<0.0094	U		<0.0094	U		<0.082	U		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-20-5-072219	7/22/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-20-5-102319	10/23/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U	UJ	<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-10-012119	1/21/2019	<0.056	U		<0.056	U		<0.056	U		<0.49	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-20-10-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-10-072219	7/22/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-20-10-102319	10/23/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U	UJ	<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-25-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
	25 ft	VMP-20-25-012119-DUP	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-20-25-042619	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-20-25-072619	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-20-25-102319		10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U	UJ	<0.0056	U		<0.0056	U		<0.018	U		
39.5 ft	VMP-20-39.5-020519	2/5/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-20-39.5-042619	4/26/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-21-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-21-5-072919	7/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	10 ft	VMP-21-5-102319	10/23/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-10-012119	1/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-21-10-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-21-10-072919	7/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-21-10-102319	10/23/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	25 ft	VMP-21-10-102319-DUP	10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-21-25-012119	1/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-21-25-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-21-25-072919	7/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	33 ft	VMP-21-25-102319	10/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-21-33-012119	1/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		0.0024	J		<0.0047	U		<0.0046	U		<0.0046	U		0.0018	J	
VMP-21-33-042619		4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
VMP-22	5 ft	VMP-21-33-072919	7/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-33-102319	10/23/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	10 ft	VMP-22-5-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-22-5-072419	7/24/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-5-102319	10/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U	UJ	<0.0055	U		<0.0055	U		<0.017	U	
		VMP-22-10-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-10-072419	7/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-10-102319	10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U	UJ	<0.0056	U		<0.0056	U		<0.018	U	
	18 ft	VMP-22-18-012819	1/28/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-22-18-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-18-072419	7/24/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
VMP-22-18-102319		10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U	UJ	<0.0056	U		<0.0056	U		<0.018	U		
38 ft	VMP-22-38-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
	VMP-22-38-012819-DUP	1/28/2019	<0.0049	U		<0.0049	U</																				

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-5-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-23-5-072419	7/24/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-23-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-23-10-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-23-10-072419	7/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	25 ft	VMP-23-10-102419	10/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-25-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-25-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	40 ft	VMP-23-25-072419	7/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-23-25-102419	10/24/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-23-40-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U	
VMP-23-40-012319-DUP		1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
VMP-23-40-042919		4/29/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U		
VMP-23-40-042919-DUP		4/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-5-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-24-5-102219	10/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-10-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-24-10-042419	4/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	22 ft	VMP-24-10-102219	10/22/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-22-012419	1/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-24-22-042419	4/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	34 ft	VMP-24-22-102219	10/22/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-34-012419	1/24/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-24-34-042419	4/24/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
VMP-32	5 ft	VMP-24-34-102219	10/22/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-32-5-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-32-5-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-32-5-072319	7/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-5-102419	10/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-32-10-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-32-10-043019	4/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-32-10-072319	7/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	30 ft	VMP-32-10-102419	10/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-20-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-32-20-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
30 ft	VMP-32-20-072319	7/23/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		0.0018	J		<0.0058	U		<0.0058	U		<0.018	U		
	VMP-32-30-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U		
	VMP-32-30-050319	5/3/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U		
VMP-42	10 ft	VMP-32-30-072319	7/23/2019	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		0.0034	J		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-32-30-102419	10/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-10-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		0.0018	J	
	20 ft	VMP-42-10-050119	5/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-10-072319	7/23/2019																								

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane				
				240			1100000			85			5.6			0.31						0.22							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals		
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U			
		VMP-43-10-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U			
		VMP-43-10-080119	8/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		0.0022	J		<0.0054	U		<0.0054	U		<0.017	U			
		VMP-43-10-102119	10/21/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U			
	20 ft	VMP-43-20-012919	1/29/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U
		VMP-43-20-042919	4/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.018	U
		VMP-43-20-080119	8/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U
		VMP-43-20-102119	10/21/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.018	U
	30 ft	VMP-43-30-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U
		VMP-43-30-012919-DUP	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.016	U
		VMP-43-30-042919	4/29/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.0059	U		<0.019	U
		VMP-43-30-080119	8/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.017	U
VMP-43-30-102119	VMP-43-30-102119	10/21/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.018	U	
	VMP-43-30-102119-DUP	10/21/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.018	U	
	VMP-44-10-012219	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.0047	U		<0.015	U	
	VMP-44-10-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-44	10 ft	VMP-44-10-072319	7/23/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.0061	U		<0.019	U
		VMP-44-10-102419	10/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U
		VMP-44-20-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.017	U
		VMP-44-20-020419-DUP	2/4/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0046	J			
	20 ft	VMP-44-20-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.017	U
		VMP-44-20-072319	7/23/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0028	J
		VMP-44-20-102419	10/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.017	U
		VMP-44-30-012219	1/22/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U
	30 ft	VMP-44-30-042919	4/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.018	U
		VMP-44-30-072319	7/23/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.0053	U		<0.017	U
		VMP-44-30-102419	10/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U
		VMP-45-10-012219	1/22/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U
VMP-45	10 ft	VMP-45-10-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.018	U
		VMP-45-10-080119	8/1/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.018	U
		VMP-45-10-111519R	11/15/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.0056	U		<0.018	U
		VMP-45-20-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.0049	U		<0.016	U
	20 ft	VMP-45-20-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U
		VMP-45-20-080119	8/1/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.0058	U		0.0094	J
		VMP-45-20-102419	10/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U
		VMP-45-30-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U
	30 ft	VMP-45-30-052819R	5/28/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.006	U		<0.019	U
		VMP-45-30-080119	8/1/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.018	U
		VMP-45-30-102419	10/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U
		VMP-45-30-102419-DUP	10/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.0051	U		<0.016	U
		VMP-47-5-042519	4/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.0055	U		<0.017	U
		VMP-47-5-072619	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.018	U
		VMP-4																											

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		0.014	J	
		VMP-48-5-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-5-072619	7/26/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-48-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-48-10-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-48-10-072619	7/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-10-102119	10/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-48-20-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-48-20-102119	10/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	30 ft	VMP-48-30-012319	1/23/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-48-30-042619	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-48-30-072619	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-48-30-102119		10/21/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U		
VMP-49	5 ft	VMP-49-5-020119	2/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-49-5-042919	4/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-5-072919	7/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-49-5-101819	10/18/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-49-10-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-49-10-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-49-10-072919	7/29/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-10-101819	10/18/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-49-20-012119	1/21/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-49-20-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-49-20-072919	7/29/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-20-101819	10/18/2019	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	30 ft	VMP-49-30-012119	1/21/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-49-30-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		0.005	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.005	U		<0.005	U		<0.005	U		0.0032	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-49-30-072919		7/29/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
VMP-49-30-101819		10/18/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U		
VMP-50	5 ft	VMP-50-5-020519	2/5/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-5-042919	4/29/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-50-5-073019	7/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-5-102319	10/23/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U	UJ	<0.0054	U		<0.0054	U		<0.017	U	
	10 ft	VMP-50-10-012519	1/25/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-50-10-042919	4/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-073019	7/30/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-50-10-102319	10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U	UJ	<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-50-20-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-20-042919	4/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-50-20-073019	7/30/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-20-102319	10/23/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U	UJ	<0.006	U		<0.006	U		<0.019	U	
	30 ft	VMP-50-30-012519	1/25/2019	<0.089	U		<0.089	U		<0.089	U		<0.78	U		<0.1	U		<0.1	U		<0.1	U		<0.32	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.081	U		<0.081	U		<0.081	U		<0.71	U		<0.095	U		<0.093	U		<0.093	U		<0.3	U	
		VMP-50-30-042919	4/29/2019	<0.049	U		<0.049	U		<0.049	U		<0.43	U		<0.057	U		<0.056	U		<0.056	U		<0.18	U	
VMP-50-30-073019		7/30/2019	<0.1	U		<0.1	U		<0.1	U		<0.88	U		<0.12	U		<0.12	U		<0.12	U		<0.37	U		
VMP-50-30-102319		10/23/2019	<0.05	U		<0.05	U		<0.05	U		<0.18	J	U													

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab 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-51-5-012319	1/23/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-51-5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-5-072419	7/24/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-51-10-012319	1/23/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-51-10-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-51-10-072419	7/24/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-51-10-102519	10/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-51-20-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-51-20-050119	5/1/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	20 ft	VMP-51-20-072419	7/24/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-20-102519	10/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-30-012319	1/23/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
VMP-51-30-050119		5/1/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U		
VMP-51-30-050119-DUP		5/1/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
VMP-51-30-072419		7/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
VMP-51-30-102519		10/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U		
VMP-51-30-102519-DUP	10/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-52-5-050219	5/2/2019	<0.098	U		<0.098	U		<0.098	U		<0.85	U		<0.11	U		<0.11	U		<0.11	U		<0.35	U	
		VMP-52-5-072619	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-52-5-102219	10/22/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-10-013119	1/31/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-52-10-072619	7/26/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-10-102219	10/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-52-20-013119	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-52-20-050219	5/2/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-20-072219	7/22/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-52-20-102219		10/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
30 ft	VMP-52-30-013119	1/31/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U		
	VMP-52-30-050219	5/2/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U		
	VMP-52-30-072219	7/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-52-30-102219	10/22/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
	VMP-52-30-102219-DUP	10/22/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		0.00088	J		<0.015	U	
		VMP-53-5-050319	5/3/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-53-5-071919	7/19/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	10 ft	VMP-53-5-101819	10/18/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-53-10-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-53-10-050319	5/3/2019	<0.016	U		<0.016	U		<0.016	U		<0.14	U		<0.019	U		<0.019	U		<0.019	U		<0.06	U	
		VMP-53-10-071919	7/19/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-10-101819	10/18/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
	20 ft	VMP-53-20-011819	1/18/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-53-20-050319	5/3/2019	<0.54	U		<0.54	U		<0.54	U		<1.9	U		<0.62	U		<0.61	U		<0.61	U		<1.9	U	
		VMP-53-20-071919	7/19/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-53-20-101819	10/18/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
30 ft	VMP-53-30-013119	1/31/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U		
	VMP-53-30-050319	5/3/2019	<0.05	U		<0.05	U		<0.05	U		<0.44	U		<0.059	U		<0.058	U		<0.058	U		<0.18	U		
	VMP-53-30-071919	7/19/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U		
	VMP-53-30-101819	10/18/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
VMP-53-30-101819-DUP	10/18/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043																

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			
				240			1100000			85			5.6			0.31						0.22						
				Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)	Lab Quals	AECOM Quals	Result (mg/m³)
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
		VMP-54-5-042419	4/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
		VMP-54-5-072219	7/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-54-5-102219	10/22/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U			
	10 ft	VMP-54-10-011819	1/18/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.037	U		<0.005	U		<0.0049	U		<0.0049	U		<0.015	U		
		VMP-54-10-042419	4/24/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U		
		VMP-54-10-072219	7/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	20 ft	VMP-54-10-102219	10/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
		VMP-54-20-011819	1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
		VMP-54-20-042419	4/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
	30 ft	VMP-54-20-072219	7/22/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U		
		VMP-54-20-102219	10/22/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U		
VMP-54-30-011819		1/18/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U			
VMP-56	10 ft	VMP-54-30-042419	4/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
		VMP-54-30-072219	7/22/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
		VMP-54-30-102219	10/22/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U		
	25 ft	VMP-56-10-012819	1/28/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U		
		VMP-56-10-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
		VMP-56-10-072319	7/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
	38.5 ft	VMP-56-10-102119	10/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U		
		VMP-56-25-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
		VMP-56-25-012819-DUP	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
	VMP-62	5 ft	VMP-56-25-050119	5/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
			VMP-56-25-072319	7/23/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
			VMP-56-25-102119	10/21/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
10 ft		VMP-56-38.5-012819	1/28/2019	<350	U		<350	U		<350	U		130	J		<410	U		<400	U		<400	U		<1300	U		
		VMP-56-38.5-050119	5/1/2019	<200	U		<200	U		<200	U		<690	U		<230	U		<220	U		<220	U		<710	U		
		VMP-62-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
20 ft		VMP-62-5-042619	4/26/2019	<0.0048	U		0.003	J		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
		VMP-62-5-072919	7/29/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U		
		VMP-62-5-102319	10/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
30 ft		VMP-62-10-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
		VMP-62-10-042619	4/26/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U		
		VMP-62-10-072919	7/29/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
VMP-62	10 ft	VMP-62-10-072919-DUP	7/29/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
		VMP-62-10-102319	10/23/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U		
		VMP-62-20-012819	1/28/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
	20 ft	VMP-62-20-042619	4/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
		VMP-62-20-072919	7/29/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
		VMP-62-20-102319	10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	30 ft	VMP-62-30-020519	2/5/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
		VMP-62-30-042619	4/26/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U		
		VMP-62-30-042619-DUP	4/26/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
	30 ft	VMP-62-30-072919	7/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
		VMP-62-30-102319	10/23/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U		

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

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31						0.22					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-63-5-042519	4/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-5-072319	7/23/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-63-5-102419	10/24/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-63-10-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-63-10-042519	4/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-10-072319	7/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-10-102419	10/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-63-20-022719R	2/27/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-63-20-042519	4/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-63-20-072319	7/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-20-102419	10/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-30-020419	2/4/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
VMP-64	5 ft	VMP-63-30-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-30-072319	7/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-30-102419	10/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-64-5-012119	1/21/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-64-5-042619	4/26/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
10 ft	VMP-64-5-072519	7/25/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
	VMP-64-5-072519-DUP	7/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-64-5-102319	10/23/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-64-10-012119	1/21/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U		
	VMP-64-10-042619	4/26/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
	VMP-64-10-072519	7/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U		
	VMP-64-10-102319	10/23/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
	VMP-64-20-012119	1/21/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
	VMP-64-20-042619	4/26/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U		
	VMP-64-20-072519	7/25/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U		
VMP-64-20-102319	10/23/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U			

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				1.3																							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	0.0076	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-1-5-043019	4/30/2019	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-1-5-072319	7/23/2019	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0024	J	
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-1-8.5-012319	1/23/2019	0.0038	J		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-1-8.5-043019	4/30/2019	0.0034	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-1-8.5-072319	7/23/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-1-8.5-102419	10/24/2019	<0.021	U	UJ	<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U		<0.0099	U	
		VMP-1-8.5-102419-DUP	10/24/2019	0.0021	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	J	U	<0.0044	U	
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-1-23.5-012319	1/23/2019	0.011			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		0.0013	J	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.008	U		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U	
VMP-1-23.5-043019		4/30/2019	0.0082	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.00099	J		<0.051	U		0.0042	U		
VMP-1-23.5-072319		7/23/2019	0.014			<0.0074	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0059			
VMP-2	5 ft	VMP-1-23.5-102419	10/24/2019	0.0026	J	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-2-5-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-2-5-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-2-5-072519	7/25/2019	0.0052	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
	8.5 ft	VMP-2-5-102119	10/21/2019	0.013			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-2-8.5-012319	1/23/2019	<0.0084	U		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-2-8.5-042619	4/26/2019	0.0047	J		0.018			<0.0059	U		<0.0093	U		<0.0084	U		0.15			<0.052	U		0.31		
		VMP-2-8.5-072519	7/25/2019	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
	22 ft	VMP-2-8.5-102119	10/21/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-2-22-012319	1/23/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-2-22-042619	4/26/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
VMP-3	5 ft	VMP-2-22-072519	7/25/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-2-22-102119	10/21/2019	0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-5-012419	1/24/2019	0.007	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-3-5-042919	4/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	10 ft	VMP-3-5-072519	7/25/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-5-101819	10/18/2019	0.018	JO	J	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-10-020119	2/1/2019	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-10-042919	4/29/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-3-10-072519	7/25/2019	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0021	J	
		VMP-3-10-072519-DUP	7/25/2019	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-3-10-101819	10/18/2019	<0.011	ND,UJ	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-3-22-012419	1/24/2019	0.0047	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		0.002	J		<0.048	U		0.0078		
22 ft	VMP-3-22-042919	4/29/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U		
	VMP-3-22-072519	7/25/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	VMP-3-22-101819	10/18/2019	0.0076	J JO	J	0.01			0.0021	J		<0.0096	U		<0.0088	U		0.012			<0.054	U		0.0084			
	VMP-3-31.5-012419	1/24/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U		
31.5 ft	VMP-3-31.5-042919	4/29/2019	0.014			0.0039	J		0.002	J		<0.0091	U		<0.0083	U		0.006			<0.051	U		<0.0042	U		
	VMP-3-31.5-072519	7/25/2019	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U		
	VMP-3-31.5-101819	10/18/2019	64	JO CN	J	<16	U		<18	U		<28	U		<25	U		<15	U		<150	U		6.6	J		
39 ft	VMP-3-31.5-101819-DUP	10/18/2019	61	JO CN	J	<15	U		<17	U		<27	U		<25	U		<14	U		<150	U		6.8	J		
	VMP-3-39-012419	1/24/2019	0.0076	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		0.0012	J		<0.045	U		0.0029	J		
		VMP-3-39-012419-DUP	1/24/2019	<0.0078	U		0.0012	J		<0.0051	U		<0.0079	U		<0.0072	U		0.0031	J		<0.044	U		0.0083		

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m ³)	Lab Quals	AECOM Quals	1,3			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
							Result (mg/m ³)	Lab Quals	AECOM Quals																		
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	0.0052	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-4-5-043019	4/30/2019	0.01			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-4-5-072519	7/25/2019	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
	12 ft	VMP-4-5-102119	10/21/2019	0.0037	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-4-12-012119	1/21/2019	0.0086			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-4-12-043019	4/30/2019	0.042			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
	23.5 ft	VMP-4-12-072519	7/25/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-4-12-102119	10/21/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0022	J	
		VMP-4-23.5-012119	1/21/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-4-23.5-043019	4/30/2019	0.018			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
VMP-5	5 ft	VMP-4-23.5-072519	7/25/2019	0.0084	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0066		
		VMP-4-23.5-102119	10/21/2019	0.0048	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-5-5-012219	1/22/2019	<0.0078	U		0.046			<0.0051	U		<0.008	U		<0.0073	U		0.006			<0.044	U		<0.0037	U	
		VMP-5-5-050119	5/1/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-5-072419	7/24/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	12.5 ft	VMP-5-5-072419-DUP	7/24/2019	0.0042	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-5-5-102119	10/21/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-5-12.5-012219	1/22/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-5-12.5-050119	5/1/2019	0.008	J		<0.0055	U		<0.0062	U		<0.0096	U	UJ	<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-5-12.5-072419	7/24/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
31 ft	VMP-5-12.5-102119	10/21/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U		
	VMP-5-31-012219	1/22/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U		
	VMP-5-31-050119	5/1/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U	UJ	<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	VMP-5-31-072419	7/24/2019	0.0092			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U		
40 ft	VMP-5-31-102119	10/21/2019	<0.011	U		<0.0063	U		<0.0071	U		<0.01	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U		
	VMP-5-40-020419	2/4/2019	<0.0093	U		<0.0054	U		0.0026	J		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-6	5 ft	VMP-5-40-050119	5/1/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U	UJ	<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-6-5-013119	1/31/2019	<0.0081	U		0.012			0.0042	J		<0.0083	U		<0.0076	U		0.053			<0.046	U		0.12		
		VMP-6-5-042519	4/25/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0035	J	
	10 ft	VMP-6-5-072219	7/22/2019	<0.011	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0029	J	
		VMP-6-5-102519	10/25/2019	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-6-10-012219	1/22/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-6-10-042519	4/25/2019	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	31.5 ft	VMP-6-10-072219	7/22/2019	<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-6-10-102519	10/25/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-6-31.5-020119	2/1/2019	<0.017	U		0.83			0.21			<0.017	U		<0.016	U		0.74			<0.096	U		0.94		
VMP-6-31.5-042519		4/25/2019	<0.0098	U		0.42			0.09			<0.0099	U		<0.009	U		0.46			<0.055	U		0.29			
39 ft	VMP-6-31.5-072219	7/22/2019	<0.0099	ND,UJ	UJ	0.0027	J		<0.0065	U		<0.01	U		<0.0092	U		0.0049	J		<0.056	U		0.0024	J		
	VMP-6-31.5-102519	10/25/2019	<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0013	J		
	VMP-6-39-012219	1/22/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U		
VMP-7	5 ft	VMP-6-39-042519	4/25/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-7-5-012219	1/22/2019	0.0046	J		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-7-5-042519	4/25/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-7-5-072319	7/23/2019	<0.0091	U		0.0015	J		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-7-5-072319-DUP	7/23/2019	0.0069	J		0.00068	J		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
	13.5 ft	VMP-7-5-102419	10/24/2019	<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-13.5-020119	2/1/2019	0.0059	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-7-13.5-042519	4/25/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-7-13.5-072319	7/23/2019	0.012			0.11			0.0052	J		<0.0093	U		<0.0084	U		0.18			<0.052	U		0.16		
		VMP-7-13.5-102419	10/24/2019	<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
29.5 ft	VMP-7-29.5-020119	2/1/2019	0.0028	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U		
	VMP-7-29.5-042519	4/25/2019	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U		
	VMP-7-29.5-072319	7/23/2019	0.012			0.0007	J		<0.0061	U		<0.0095	U		<0.0086	U		0.0027	J		<0.053	U		0.009			

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			
				1.3			1.3																					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U		
		VMP-8-5-042419	4/24/2019	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-8-5-072219	7/22/2019	<0.0086	ND,UJ	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U		
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0017	J		
		VMP-8-9.5-011819	1/18/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.0011	J		<0.046	U		0.0032	J		
		VMP-8-9.5-042419	4/24/2019	<0.0088	U		0.2			0.067			<0.0089	U		<0.0081	U		0.53			<0.05	U		0.86			
	35.5 ft	VMP-8-9.5-072219	7/22/2019	0.012	J0	J	0.12			0.027			<0.0089	U		<0.0081	U		0.19			<0.05	U		0.11			
		VMP-8-9.5-101819	10/18/2019	<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-8-23.5-022719R	2/27/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		0.0023	J		<0.047	U		0.0042			
		VMP-8-23.5-042419	4/24/2019	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U		
	VMP-9	5 ft	VMP-8-23.5-072219	7/22/2019	<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.002	J		<0.055	U		0.0051		
			VMP-8-23.5-101819	10/18/2019	0.019		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
			VMP-8-35.5-011819	1/18/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		0.0018	J	
		11.5 ft	VMP-8-35.5-042419	4/24/2019	<0.009	U		<0.0052	U		0.012		J	<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0051		
VMP-8-35.5-042419-DUP			4/24/2019	<0.0086	U		<0.005	U		<0.0056	U	UJ	<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U		
VMP-8-35.5-072219			7/22/2019	<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.006			<0.052	U		0.013			
VMP-18	5 ft	VMP-8-35.5-072219-DUP	7/22/2019	<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-8-35.5-101819	10/18/2019	<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U		
		VMP-9-5-012519	1/25/2019	0.0041	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U		
	11.5 ft	VMP-9-5-042419	4/24/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-9-5-071919	7/19/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-9-5-102519	10/25/2019	<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	38.5 ft	VMP-9-11.5-013119	1/31/2019	0.013			<0.0047	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-9-11.5-042419	4/24/2019	0.013			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
		VMP-9-11.5-071919	7/19/2019	<0.0097	U		0.0089			<0.0063	U		<0.0099	U		<0.009	U		0.15			<0.055	U		0.033			
VMP-9-11.5-102519		10/25/2019	<0.0099	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U			
VMP-9-25.5-011819		1/18/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U			
VMP-9-25.5-042419		4/24/2019	0.012			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U			
VMP-19	5 ft	VMP-9-25.5-071919	7/19/2019	0.014			0.00089	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U		
		VMP-9-25.5-071919-DUP	7/19/2019	0.015			0.00068	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U		
		VMP-9-25.5-102519	10/25/2019	<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U		
VMP-19	8.5 ft	VMP-9-38.5-011819	1/18/2019	0.0022	J		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U		
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-9-38.5-042419	4/24/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-9-38.5-042419-DUP	4/24/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
VMP-18	8.5 ft	VMP-18-8.5-012519	1/25/2019	0.003	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U		
		VMP-18-8.5-043019	4/30/2019	0.0034	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-18-8.5-072619	7/26/2019	0.0046	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
		VMP-18-8.5-072619-DUP	7/26/2019	0.0057	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0077			
		VMP-18-8.5-102319	10/23/2019	<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	<0.0098	ND,UJ	UJ	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U		
		VMP-19-5-012219	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-19-5-043019	4/30/2019	0.0054	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
		VMP-19-5-043019-Dup	4/30/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
VMP-19-5-073119	7/31/2019	0.013		J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U				
VMP-19-5-111519R	11/15/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U				

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				1.3																							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	0.22	J		<0.22	U		<0.25	U		<0.39	U		<0.36	U		<0.21	U		<2.2	U		0.63		
		VMP-20-5-042619	4/26/2019	<0.018	U		<0.01	U		<0.012	U		<0.018	U		<0.017	U		<0.0097	U		<0.1	U		<0.0084	U	
		VMP-20-5-072219	7/22/2019	0.0072	J	J	0.0025	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0092			<0.051	U		<0.0042	U	
	10 ft	VMP-20-5-102319	10/23/2019	<0.0087	ND,UJ	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-20-10-012119	1/21/2019	<0.1	U		<0.061	U		<0.069	U		<0.11	U		<0.098	U		<0.058	U		<0.6	U		<0.05	U	
		VMP-20-10-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-20-10-072219	7/22/2019	<0.009	ND,UJ	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-20-10-102319	10/23/2019	0.013	JO	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-20-25-012119	1/21/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		0.0022	J		<0.045	U		0.0071		
	25 ft	VMP-20-25-012119-DUP	1/21/2019	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		0.0017	J		<0.044	U		0.0063		
		VMP-20-25-042619	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-20-25-072619	7/26/2019	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
VMP-20-25-102319		10/23/2019	0.017	JO	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
39.5 ft	VMP-20-25-102319-DUP	10/23/2019	0.007	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.00078	J		
	VMP-20-39.5-020519	2/5/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-21	5 ft	VMP-20-39.5-042619	4/26/2019	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-21-5-012119	1/21/2019	0.0023	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-21-5-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-21-5-072919	7/29/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-21-5-102319	10/23/2019	0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-21-10-012119	1/21/2019	0.0046	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-21-10-042619	4/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-21-10-072919	7/29/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-21-10-102319-DUP	7/29/2019	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	25 ft	VMP-21-10-102319	10/23/2019	0.0089	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-21-10-102319-DUP	10/23/2019	0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-21-25-012119	1/21/2019	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-21-25-042619	4/26/2019	0.0068	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	33 ft	VMP-21-25-072919	7/29/2019	<0.0097	U	UJ	<0.0056	U		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-21-25-102319	10/23/2019	0.012			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-21-33-012119	1/21/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-21-33-012119-DUP	1/21/2019	0.012			<0.0044	U		<0.005	U		<0.0078	U		<0.0072	U		<0.0042	U		<0.044	U		0.0017	J	
		VMP-21-33-042619	4/26/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-22	5 ft	VMP-21-33-072919	7/29/2019	<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-21-33-102319	10/23/2019	0.012			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-22-5-012819	1/28/2019	0.021			<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
	10 ft	VMP-22-5-043019	4/30/2019	<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		0.031	J		<0.004	U	
		VMP-22-5-072419	7/24/2019	0.0037	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-22-5-102319	10/23/2019	<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-22-10-012819	1/28/2019	0.0026	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-22-10-072419	7/24/2019	0.0089	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0033	J		<0.053	U		<0.0044	U	
		VMP-22-10-102319	10/23/2019	<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	18 ft	VMP-22-18-012819	1/28/2019	0.0025	J		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
VMP-22-18-043019		4/30/2019	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U		
VMP-22-18-072419		7/24/2019	0.0035	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U		
VMP-22-18-102319		10/23/2019	0.0076	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
38 ft	VMP-22-38-012819	1/28/2019	0.0022	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		0.0019	J		
	VMP-22-38-012819-DUP	1/28/2019	0.0024	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	VMP-22-38-043019	4/30/2019	<0.0088	U		0.013			0.012			<0.009	U		<0.0082	U		0.033			<0.05	U		0.0075			
	VMP-22-38-072419	7/24/2019	0.0058	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U		
VMP-22-38-102319	10/23/2019	<0.0088	ND,UJ	UJ	0.00082	J		<0.0058	U		<0.009	U		<0.0082	U		0.0034	J		<0.05	U		0.0093				

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-23-5-042919	4/29/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0052	U	
		VMP-23-5-072419	7/24/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0019	J	
	10 ft	VMP-23-5-102419	10/24/2019	<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-23-10-012319	1/23/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		0.0059	U	
		VMP-23-10-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-23-10-072419	7/24/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-23-10-102419	10/24/2019	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-23-10-12319-DUP	1/23/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
	25 ft	VMP-23-25-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-23-25-072419	7/24/2019	0.005	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-25-102419	10/24/2019	0.0025	J	J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
40 ft	VMP-23-40-012319	1/23/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-23-40-012319-DUP	1/23/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		0.004	U		
	VMP-23-40-042919	4/29/2019	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U		
	VMP-23-40-042919-DUP	4/29/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-24-5-042419	4/24/2019	<0.0093	U		<0.0054	U		0.002	J		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-24-5-102219	10/22/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0014	J	
		VMP-24-10-012419	1/24/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-24-10-042419	4/24/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-10-102219	10/22/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	22 ft	VMP-24-22-012419	1/24/2019	0.0036	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-24-22-042419	4/24/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	34 ft	VMP-24-22-102219	10/22/2019	0.0093	JO	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-24-34-012419	1/24/2019	<0.008	U		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-24-34-042419	4/24/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-24-34-102219		10/22/2019	0.0082	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U		
VMP-32	5 ft	VMP-32-5-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-32-5-043019	4/30/2019	<0.0092	U		0.0052	J		0.002	J		<0.0093	U		<0.0085	U		0.0072			<0.052	U		<0.0043	U	
		VMP-32-5-072319	7/23/2019	0.0042	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-5-072319-DUP	7/23/2019	0.0038	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-32-5-102419	10/24/2019	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-32-10-012319	1/23/2019	<0.008	U		0.0013	J		<0.0052	U		<0.0082	U		<0.0074	U		<0.0027	J		<0.045	U		0.0069	U	
		VMP-32-10-043019	4/30/2019	0.0035	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-32-10-072319	7/23/2019	0.015			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	20 ft	VMP-32-10-102419	10/24/2019	0.0084	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-32-20-012319	1/23/2019	0.006	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-32-20-043019	4/30/2019	0.0032	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-32-20-072319	7/23/2019	0.0056	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0039	J		<0.055	U		<0.0045	U	
30 ft	VMP-32-30-012319	1/23/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-32-30-050319	5/3/2019	<0.0081	U		0.0037	J		0.0028	J		<0.0082	ND,UJ		<0.0075	U		0.0041	J		<0.046	U		<0.0038	U		
	VMP-32-30-072319	7/23/2019	<0.01	U		0.0028	J		<0.0068	U		<0.01	U		<0.0096	U		0.043			<0.059	U		0.012	U		
	VMP-32-30-102419	10/24/2019	0.0021	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
VMP-42	10 ft	VMP-42-10-012519	1/25/2019	0.0036	J		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-42-10-050119	5/1/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U	UJ	<0.0083	U		0.046			<0.051	U		0.18	U	

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	<0.0084	U		0.0067			0.078			<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-43-10-042919	4/29/2019	0.03			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.002	J	
		VMP-43-10-080119	8/1/2019	0.0038	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	20 ft	VMP-43-10-102119	10/21/2019	0.034			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-43-20-012919	1/29/2019	0.0044	J		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		0.007			<0.045	U		0.043		
		VMP-43-20-042919	4/29/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-43-20-080119	8/1/2019	0.0079	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.00076	J	
		VMP-43-20-102119	10/21/2019	0.008	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-43-20-102119-DUP	10/21/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
	30 ft	VMP-43-30-012919	1/29/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-43-30-042919	4/29/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-43-30-080119	8/1/2019	0.0058	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-43-30-102119		10/21/2019	0.0047	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-43-30-102119-DUP		10/21/2019	0.0045	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-43-30-102119-DUP		10/21/2019	0.0045	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U		
VMP-44	10 ft	VMP-44-10-012219	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-44-10-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-44-10-072319	7/23/2019	0.014			0.0012	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0036	J	
		VMP-44-10-102419	10/24/2019	<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
	20 ft	VMP-44-20-020419	2/4/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-44-20-042919	4/29/2019	0.017			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-44-20-072319	7/23/2019	0.0057	J		0.0012	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0013	J		<0.051	U		<0.0042	U	
	30 ft	VMP-44-20-102419	10/24/2019	<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-44-30-012219	1/22/2019	<0.008	U		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-44-30-042919	4/29/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-30-072319	7/23/2019	0.011			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.00097	J	
VMP-44-30-102419	10/24/2019	<0.0083	U	UJ	<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U			
VMP-45	10 ft	VMP-45-10-012219	1/22/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-45-10-042519	4/25/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-10-080119	8/1/2019	0.0043	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0022	J		<0.054	U		0.0048		
		VMP-45-10-111519R	11/15/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	20 ft	VMP-45-20-012219	1/22/2019	0.0078	J		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		0.0038		
		VMP-45-20-042519	4/25/2019	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-45-20-080119	8/1/2019	0.0048	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.00099	J		<0.055	U		0.0019	J	
		VMP-45-20-102419	10/24/2019	<0.0086	U	UJ	<0.005	U		<0.0056	J	U	<0.0088	U		<0.008	U		<0.0029	J		<0.049	U		0.0045		
	30 ft	VMP-45-30-012219	1/22/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-45-30-052819R	5/28/2019	0.009	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0044	J		<0.056	U		0.0089		
		VMP-45-30-080119	8/1/2019	0.0046	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0017	J	
		VMP-45-30-102419	10/24/2019	<0.009	U	UJ	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
VMP-45-30-102419-DUP	10/24/2019	0.005	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		0.0014	J			
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	0.013			0.0058			0.11			<0.0086	U		<0.0078	U		0.0017	J		<0.048	U		0.003	J	
		VMP-47-5-042519	4/25/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-47-5-072619	7/26/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-47-5-102319	10/23/2019	0.014			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-47-10-012919	1/29/2019	<0.009	U		<0.0052	U		0.002	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-47-10-042519	4/25/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-47-10-072619	7/26/2019	0.0028	J																						

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				Result (mg/m ³)	Lab Quals	AECOM Quals	1.3			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
							Result (mg/m ³)	Lab Quals	AECOM Quals																		
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	0.022			<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-48-5-042619	4/26/2019	0.0036	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-48-5-072619	7/26/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
	10 ft	VMP-48-5-102119	10/21/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-48-10-012319	1/23/2019	<0.0082	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-48-10-042619	4/26/2019	0.0049	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	20 ft	VMP-48-10-072619	7/26/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-48-10-102119	10/21/2019	0.007	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-48-20-012319	1/23/2019	<0.008	U		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
	30 ft	VMP-48-20-102119	10/21/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-48-30-012319	1/23/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-48-30-042619	4/26/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-49	5 ft	VMP-48-30-072619	7/26/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-48-30-102119	10/21/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.008			<0.055	U		0.02		
		VMP-49-5-020119	2/1/2019	0.0028	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
	10 ft	VMP-49-5-042919	4/29/2019	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-49-5-072919	7/29/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-49-5-101819	10/18/2019	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0012	J		<0.052	U		0.0025	J	
	20 ft	VMP-49-10-012119	1/21/2019	0.0077	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-49-10-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.012			<0.05	U		0.035		
		VMP-49-10-072919	7/29/2019	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	30 ft	VMP-49-10-101819	10/18/2019	0.0024	J	J	<0.0052	U		0.00053	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-49-20-012119	1/21/2019	0.003	J		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-49-20-042919	4/29/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0046		
VMP-50	5 ft	VMP-49-20-072919	7/29/2019	0.0066	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-49-20-101819	10/18/2019	0.0072	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-49-30-012119	1/21/2019	0.0032	J		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
	10 ft	VMP-49-30-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		0.026		J	<0.05	U		0.16		J
		VMP-49-30-042919-DUP	4/29/2019	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0034	J	J	<0.054	U		0.0052		J
		VMP-49-30-072919	7/29/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
20 ft	VMP-49-30-101819	10/18/2019	<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U		
	VMP-50-5-020519	2/5/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U		
	VMP-50-5-042919	4/29/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0022	J		
VMP-50	10 ft	VMP-50-5-073019	7/30/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-50-5-102319	10/23/2019	<0.009	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-50-10-012519	1/25/2019	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		<0.0039	U	
	20 ft	VMP-50-10-042919	4/29/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-50-10-073019	7/30/2019	<0.0098	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-50-10-102319	10/23/2019	0.012	J0	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
30 ft	VMP-50-20-020119	2/1/2019	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U		
	VMP-50-20-042919	4/29/2019	<0.0087	U		0.23			0.053			<0.0088	U		<0.008	U		0.36			<0.049	U		0.43			
	VMP-50-20-073019	7/30/2019	<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U		
VMP-50	30 ft	VMP-50-20-102319	10/23/2019	<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-50-30-012519	1/25/2019	<0.17	U		0.24			0.15			<0.17	U		<0.16	U		4.1			<0.96	U		6.5		
	VMP-50-30-012519-DUP	1/25/2019	<0.15	U		0.25			0.17			<0.16	U		<0.14	U		4			<0.87	U		6.6			
	VMP-50-30-042919	4/29/2019	<0.093	U		0.18			0.13			<0.094	U		<0.086	U		2.1			<0.52	U		4.7			
VMP-50	30 ft	VMP-50-30-073019	7/30/2019	<0.19	U	UJ	0.19		0.1	J		<0.2	U		<0.18	U		1.8			<1.1</						

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				1.3			1.3			1.3			1.3			1.3			1.3			1.3			1.3		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.012		
		VMP-51-5-050119	5/1/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-5-072419	7/24/2019	0.0034	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	10 ft	VMP-51-10-012319	1/23/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-51-10-050119	5/1/2019	0.017			0.0046	J		<0.0057	U		<0.0088	U	UJ	<0.0081	U		0.042			<0.049	U		0.074		
		VMP-51-10-072419	7/24/2019	0.0035	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
	20 ft	VMP-51-10-102519	10/25/2019	0.0041	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0022	J	
		VMP-51-20-012319	1/23/2019	<0.0081	U		0.0015	J		0.0015	J		<0.0082	U		<0.0075	U		<0.0029	J		<0.046	U		0.0062		
		VMP-51-20-050119	5/1/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U	UJ	<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
	30 ft	VMP-51-20-072419	7/24/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-51-20-102519	10/25/2019	<0.0094	U	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0039	J	
		VMP-51-30-012319	1/23/2019	<0.0079	U		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-51-30-050119	5/1/2019	0.0074	J		<0.0059	U		<0.0067	U		<0.01	U	UJ	<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-51-30-050119-DUP	5/1/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U	UJ	<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-51-30-072419	7/24/2019	0.0036	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	0.0042	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-52-5-050219	5/2/2019	<0.18	U		<0.11	U		<0.12	U		<0.19	U		<0.17	U		<0.1	U		<1	U		<0.087	U	
		VMP-52-5-072619	7/26/2019	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	10 ft	VMP-52-5-072619-DUP	7/26/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-52-5-102219	10/22/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-52-10-013119	1/31/2019	0.0081	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
	20 ft	VMP-52-10-072619	7/26/2019	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-10-102219	10/22/2019	0.032			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-52-20-013119	1/31/2019	0.0059	J		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
	30 ft	VMP-52-20-013119-DUP	1/31/2019	0.014			<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-52-20-050219	5/2/2019	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-20-072219	7/22/2019	<0.0097	ND,UJ	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-52-20-102219	10/22/2019	0.0044	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-52-30-013119	1/31/2019	0.0099			<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-52-30-050219	5/2/2019	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	0.0036	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-53-5-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	ND,UJ		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
	10 ft	VMP-53-5-071919	7/19/2019	0.016			0.0034	J		<0.0061	U		<0.0096	U		<0.0087	U		0.0092			<0.053	U		0.0052		
		VMP-53-5-101819	10/18/2019	<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-53-10-011819	1/18/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
	20 ft	VMP-53-10-050319	5/3/2019	<0.032	U		0.042			0.02	J		<0.032	ND,UJ		<0.029	U		0.29			<0.18	U		0.056		
		VMP-53-10-071919	7/19/2019	0.012			<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-53-10-101819	10/18/2019	0.0039	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0029	J	
	30 ft	VMP-53-20-011819	1/18/2019	0.0038	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-53-20-050319	5/3/2019	<1	U		<0.59	U		<0.66	U		<1	U		<0.94	U		<0.55	U		<5.8	U		0.89		
		VMP-53-20-071919	7/19/2019	0.012			0.0011	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	30 ft	VMP-53-20-101819	10/18/2019	<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-53-30-013119	1/31/2019	0.0067	J		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-53-30-050319	5/3/2019	<0.096	U		<0.055	U		<0.062	U		<0.097	ND,UJ		<0.089	U		<0.052	U		<0.54	U		1		
VMP-53-30-071919		7/19/2019	0.011			<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U		
VMP-53-30-101819		10/18/2019	<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		&						

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane					
				1.3																										
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	0.0018	J		<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U				
		VMP-54-5-042419	4/24/2019	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U				
		VMP-54-5-072219	7/22/2019	0.008	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U				
	10 ft	VMP-54-5-102219	10/22/2019	0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U				
		VMP-54-10-011819	1/18/2019	0.0032	J		<0.0047	U		<0.0053	U		<0.0082	U		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U				
		VMP-54-10-042419	4/24/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U				
	20 ft	VMP-54-10-072219	7/22/2019	<0.0093	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0023	J		<0.053	U		<0.0044	U				
		VMP-54-10-102219	10/22/2019	0.011			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U				
		VMP-54-20-011819	1/18/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U				
	30 ft	VMP-54-20-042419	4/24/2019	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U				
		VMP-54-20-072219	7/22/2019	0.011	JO	J	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U				
		VMP-54-20-102219	10/22/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U				
VMP-56	10 ft	VMP-54-30-011819	1/18/2019	0.0026	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U				
		VMP-54-30-042419	4/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U				
		VMP-54-30-072219	7/22/2019	<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U				
	25 ft	VMP-54-30-102219	10/22/2019	0.012			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U				
		VMP-56-10-012819	1/28/2019	<0.0092	U		<0.0053	U		0.0033	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U				
		VMP-56-10-050119	5/1/2019	0.0039	J		0.0014	J		<0.0058	U		<0.009	U		<0.0082	U		0.092	U		<0.05	U		0.46	U				
	38.5 ft	VMP-56-10-072319	7/23/2019	0.019			0.00077	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0036	J				
		VMP-56-10-102119	10/21/2019	0.0034	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U				
		VMP-56-25-012819	1/28/2019	0.0026	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0015	J		<0.048	U		0.0049	U				
	VMP-62	5 ft	VMP-56-25-012819-DUP	1/28/2019	0.0026	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.0012	J		<0.049	U		0.0045	U			
			VMP-56-25-050119	5/1/2019	0.0067	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		0.0012	J			
			VMP-56-25-072319	7/23/2019	0.015			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U			
VMP-62	10 ft	VMP-56-25-102119	10/21/2019	0.012			0.01			0.0019	J		<0.0099	U		<0.009	U		0.024			<0.055	U		0.03					
		VMP-56-38.5-012819	1/28/2019	<670	U		210	J		<440	U		<680	U		<620	U		1500			<3800	U		5800					
		VMP-56-38.5-050119	5/1/2019	86	J		470			200	J		<380	U		<350	U		3100			<2100	U		10000					
	20 ft	VMP-62-5-012819	1/28/2019	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U				
		VMP-62-5-042619	4/26/2019	0.0035	J		<0.0052	U		0.0019	J		<0.0093	U		<0.0084	U		0.0012	J		<0.052	U		<0.0043	U				
		VMP-62-5-072919	7/29/2019	<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U				
	30 ft	VMP-62-5-102319	10/23/2019	0.0091	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U				
		VMP-62-10-012819	1/28/2019	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U				
		VMP-62-10-042619	4/26/2019	0.0041	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U				
	VMP-62	10 ft	VMP-62-10-072919	7/29/2019	<0.0088	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U			
			VMP-62-10-072919-DUP	7/29/2019	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U			
			VMP-62-10-102319	10/23/2019	0.0061	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U			
VMP-62	20 ft	VMP-62-20-012819	1/28/2019	<0.0084	U		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.005	U				
		VMP-62-20-042619	4/26/2019	0.0034	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U				
		VMP-62-20-072919	7/29/2019	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U				
VMP-62	30 ft	VMP-62-20-102319	10/23/2019	0.0042	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U				
		VMP-62-30-020519	2/5/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U				
		VMP-62-30-042619	4/26/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U				
VMP-62	30 ft	VMP-62-30-042619-DUP	4/26/2019	0.0072	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U				
		VMP-62-30-072919	7/29/2019	<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U				
		VMP-62-30-102319	10/23/2019	0.01			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U				

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

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				1.3			1.3			1.3			1.3			1.3			1.3			1.3			1.3		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-63-5-042519	4/25/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-63-5-072319	7/23/2019	0.017			0.00092	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0039	J	
		VMP-63-5-102419	10/24/2019	<0.0088	U	UJ	<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-63-5-102419-DUP	10/24/2019	0.0044	J	J	<0.0054	U		<0.0061	J	U	<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-63-10-012919	1/29/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-63-10-042519	4/25/2019	0.0069	J		<0.0054	U		0.003	J		<0.0096	U		<0.0087	U		0.0022	J		<0.053	U		0.0029	J	
		VMP-63-10-072319	7/23/2019	0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-63-10-102419	10/24/2019	<0.0086	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-63-20-022719R	2/27/2019	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
	30 ft	VMP-63-30-042519	4/25/2019	0.011			<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-63-30-042519-DUP	4/25/2019	0.0076	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-63-30-072319	7/23/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-63-30-102419	10/24/2019	0.047		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-63-30-020419	2/4/2019	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
VMP-64	5 ft	VMP-64-5-012119	1/21/2019	0.0032	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-64-5-042619	4/26/2019	0.012			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-64-5-072519	7/25/2019	0.0049	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-64-5-102319	10/23/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-64-10-012119	1/21/2019	0.0017	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0017	J		<0.051	U		0.0022	J	
		VMP-64-10-042619	4/26/2019	0.0075	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-64-10-072519	7/25/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-10-102319	10/23/2019	0.0089	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-64-20-012119	1/21/2019	0.0068	J		0.0014	J		<0.0055	U		<0.0086	U		<0.0078	U		0.0014	J		<0.048	U		0.0021	J	
	20 ft	VMP-64-20-042619	4/26/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-64-20-072519	7/25/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-64-20-102319	10/23/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	600			3700			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	1400		
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals										Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		0.0033	J		<0.0053	U		<0.0046	U	
		VMP-1-5-043019	4/30/2019	<0.021	U		0.0044	J		0.0011	J		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U	
		VMP-1-5-072319	7/23/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U		<0.0057	U	
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0022	J		<0.0062	U		<0.0054	U	
		VMP-1-8.5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0023	J		<0.0054	U		<0.0046	U	
		VMP-1-8.5-043019	4/30/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-1-8.5-072319	7/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-1-8.5-102419	10/24/2019	<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.04	U		<0.028	U		<0.014	U		<0.012	U	
		VMP-1-8.5-102419-DUP	10/24/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-1-23.5-012319	1/23/2019	<0.018	U		0.0036	J		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		<0.0053	U		<0.0046	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0044	U		<0.015	U		0.0024	J		<0.0052	U		<0.0045	U	
VMP-1-23.5-043019		4/30/2019	<0.02	U		0.0045	J		<0.0059	U		<0.0049	U		<0.017	U		0.008	J		<0.0059	U		0.00088	J		
VMP-1-23.5-072319		7/23/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0027	J		<0.0066	U		<0.0057	U		
VMP-1-23.5-102419		10/24/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0026	J		<0.0059	U		<0.0052	U		
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U		0.004	J		<0.0053	U		<0.0046	U	
		VMP-2-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-2-5-072519	7/25/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-2-5-102119	10/21/2019	<0.019	U		0.022			<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	8.5 ft	VMP-2-8.5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0023	J		<0.0055	U		<0.0047	U	
		VMP-2-8.5-042619	4/26/2019	<0.02	U		0.32			<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-2-8.5-072519	7/25/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U		<0.0057	U	
	22 ft	VMP-2-8.5-102119	10/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-2-22-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-2-22-042619	4/26/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0024	J		<0.0062	U		<0.0054	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0055	J		<0.0058	U		<0.0051	U	
		VMP-2-22-072519	7/25/2019	<0.02	U		0.0032	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
VMP-2-22-102119	10/21/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0019	J		<0.0059	U		<0.0052	U			
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	<0.019	U		0.024		<0.0057	U		<0.0047	U		<0.017	U		0.014			<0.0057	U		<0.0049	U		
		VMP-3-5-042919	4/29/2019	<0.019	U		0.0044	J		<0.0056	U		<0.0047	U		<0.016	U		0.0058	J		<0.0056	U		<0.0049	U	
		VMP-3-5-072519	7/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-3-5-101819	10/18/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	10 ft	VMP-3-10-020119	2/1/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0028	J		<0.0061	U		<0.0053	U	
		VMP-3-10-042919	4/29/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-3-10-072519	7/25/2019	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0041	J		<0.0062	U		<0.0053	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U		0.0025	J		<0.0075	U		<0.0065	U	
		VMP-3-10-101819	10/18/2019	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U		<0.014	U		<0.0073	U		<0.0063	U	
	22 ft	VMP-3-22-012419	1/24/2019	<0.018	U		0.016			<0.0055	U		<0.0046	U		<0.016	U		0.0015	J		<0.0055	U		<0.0048	U	
		VMP-3-22-042919	4/29/2019	<0.02	U		0.003	J		<0.0059	U		<0.0049	ND,UJ	UJ	<0.017	U		0.004	J		<0.0059	U		<0.0051	U	
		VMP-3-22-072519	7/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-3-22-101819	10/18/2019	<0.021	U		0.008	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	31.5 ft	VMP-3-31.5-012419	1/24/2019	<0.018	U		0.0025	J		<0.0055	U		<0.0046	U		<0.016	U		0.0041	J		<0.0055	U		<0.0048	U	
		VMP-3-31.5-042919	4/29/2019	<0.019	U		0.0054	J		<0.0058	U		<0.0049	ND,UJ	UJ	<0.017	U		0.009	J		<0.0058	U		<0.0051	U	
		VMP-3-31.5-072519	7/25/2019	<0.021	U		<0.015	U		0.00087	J		<0.0054	U		<0.019	U		<0.013	U		<0.0064	U		<0.0056	U	
VMP-3-31.5-101819		10/18/2019	<59	U		2300			<18	U		<15	U		<52	U		18	J		<18	U		<15	U		
39 ft	VMP-3-31.5-101819-DUP	10/18/2019	<58	U		2300			<17	U		<14	U		<51	U		14	J		<17	U		<15	U		
	VMP-3-39-012419	1/24/2019	<0.017	U		0.0049	J		<0.0052	U		<0.0043	U		<0.015	U		0.0014	J		<0.0052	U		<0.0045	U		
VMP-3-39-																											

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			2-Propanol			n-Propylbenzene			Styrene 1400		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
				VMP-4	5 ft	VMP-4-5-012119	1/21/2019	<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		0.0024	J		<0.0056	U
VMP-4-5-043019	4/30/2019	<0.02	U				0.0021	J		0.0018	J		<0.005	U		<0.018	U		0.0036	J		<0.006	U		<0.0052	U	
VMP-4-5-072519	7/25/2019	<0.02	U				<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.002	J		<0.0062	U		<0.0053	U	
VMP-4-5-102119	10/21/2019	<0.02	U				<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0019	J		<0.0059	U		<0.0052	U	
12 ft	VMP-4-12-012119	1/21/2019	<0.018		U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		0.0038	J		<0.0053	U		<0.0046	U	
	VMP-4-12-043019	4/30/2019	<0.023		U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.0068	U		<0.0059	U	
	VMP-4-12-072519	7/25/2019	<0.02		U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	VMP-4-12-102119	10/21/2019	<0.021		U		0.0038	J		<0.0062	U		<0.0052	U		<0.018	U		0.0052	J		<0.0062	U		<0.0054	U	
23.5 ft	VMP-4-23.5-012119	1/21/2019	<0.017		U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		<0.01	U		<0.0051	U		<0.0044	U	
	VMP-4-23.5-043019	4/30/2019	<0.021		U		0.007	J		0.0022	J		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	VMP-4-23.5-072519	7/25/2019	<0.021	U		0.015	J		0.006	J		<0.0052	U		<0.018	U		0.0073	J		<0.0062	U		<0.0054	U		
	VMP-4-23.5-102119	10/21/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U		
VMP-5	5 ft	VMP-5-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		0.0048	J		<0.0051	U		0.00075	J	
		VMP-5-5-050119	5/1/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.011	J		<0.0065	U		<0.0056	U	
		VMP-5-5-072419	7/24/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0046	J		<0.0059	U		<0.0052	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0061	J		<0.0058	U		<0.0051	U	
		VMP-5-5-102119	10/21/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
	12.5 ft	VMP-5-12.5-012219	1/22/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
		VMP-5-12.5-050119	5/1/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-5-12.5-072419	7/24/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-5-12.5-102119	10/21/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
	31 ft	VMP-5-31-012219	1/22/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0033	J		<0.0055	U		<0.0048	U	
		VMP-5-31-050119	5/1/2019	<0.02	U		0.002	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-5-31-072419	7/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-5-31-102119	10/21/2019	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U		<0.0062	U	
	40 ft	VMP-5-40-020419	2/4/2019	<0.02	U		<0.015	U		0.003	J		<0.0051	U		<0.018	U		0.002	J		0.01			<0.0053	U	
VMP-5-40-050119		5/1/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.004	J		<0.0055	U		<0.0048	U		
VMP-6	5 ft	VMP-6-5-013119	1/31/2019	<0.018	U		0.2		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		<0.0053	U		<0.0046	U		
		VMP-6-5-042519	4/25/2019	<0.018	U		0.0054	J		<0.0056	U		<0.0046	U		<0.016	U		0.0079	J		<0.0056	U		<0.0048	U	
		VMP-6-5-072219	7/22/2019	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U		<0.006	U	
		VMP-6-5-102519	10/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
	10 ft	VMP-6-10-012219	1/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-6-10-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-6-10-072219	7/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-6-10-102519	10/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	31.5 ft	VMP-6-31.5-020119	2/1/2019	<0.037	U		1.1			0.029			<0.0092	U		<0.032	U		0.0049	J		0.036			<0.0096	U	
		VMP-6-31.5-042519	4/25/2019	<0.021	U		0.11			0.013			<0.0053	U		<0.019	U		<0.013	U		0.016			<0.0055	U	
		VMP-6-31.5-072219	7/22/2019	<0.022	U		0.012	J		<0.0065	U		<0.0054	U		<0.019	U		0.011	J		<0.0065	U		<0.0056	U	
	39 ft	VMP-6-31.5-102519	10/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	J	U	<0.0054	U	
		VMP-6-39-012219	1/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0028	J		<0.0054	U		<0.0047	U	
		VMP-6-39-042519	4/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
VMP-7	5 ft	VMP-7-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0044	U		<0.015	U		0.0039	J		<0.0052	U		<0.0045	U	
		VMP-7-5-042519	4/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-7-5-072319	7/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0048	J		<0.0059	U		<0.0052	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0038	J		<0.0055	U		<0.0048	U	
	VMP-7-5-102419	10/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U		
	13.5 ft	VMP-7-13.5-020119	2/1/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0035	J		<0.0059	U		<0.0052	U	
		VMP-7-13.5-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U																

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				600			600			600			3700			3700			1400			1400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.017	U		0.0027	J		<0.0052	U		<0.0043	U		<0.015	U		0.0016	J		<0.0052	U		<0.0045	U	
		VMP-8-5-042419	4/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	ND,UJ	UJ	<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-8-5-072219	7/22/2019	<0.019	U		0.0031	J		0.0021	J		<0.0047	U		<0.016	U		0.0046	J		0.0068	U		<0.0049	U	
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-8-9.5-011819	1/18/2019	<0.018	U		0.008	J		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		<0.0053	U		<0.0046	U	
		VMP-8-9.5-042419	4/24/2019	<0.019	U		0.71			0.0084			<0.0048	ND,UJ	UJ	<0.017	U		<0.011	U		0.012			<0.005	U	
		VMP-8-9.5-072219	7/22/2019	<0.019	U		0.039			0.0046	J		<0.0048	U		<0.017	U		0.0057	J		0.0056	J		<0.005	U	
		VMP-8-9.5-101819	10/18/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-8-23.5-022719R	2/27/2019	<0.018	U		0.0018	J		<0.0054	U		<0.0045	U		<0.016	U		0.01	J		<0.0054	U		<0.0047	U	
		VMP-8-23.5-042419	4/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	ND,UJ	UJ	<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	35.5 ft	VMP-8-23.5-072219	7/22/2019	<0.021	U		0.0024	J		<0.0063	U		<0.0053	U		<0.019	U		0.019			<0.0063	U		<0.0055	U	
		VMP-8-23.5-101819	10/18/2019	<0.021	U		<0.015	U		0.0016	J		<0.0052	U		<0.018	U		0.002	J		0.0049	J		<0.0054	U	
		VMP-8-35.5-011819	1/18/2019	<0.017	U		0.0021	J		<0.0051	U		<0.0043	U		<0.015	U		<0.01	U		<0.0051	U		<0.0044	U	
		VMP-8-35.5-042419	4/24/2019	<0.019	U		0.012	J		<0.0058	U		<0.0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
VMP-8-35.5-042419-DUP		4/24/2019	<0.019	U		0.0074	J		<0.0056	U		<0.0047	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0056	U		<0.0049	U		
VMP-8-35.5-072219		7/22/2019	<0.02	U		0.0062	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U		
VMP-8-35.5-072219-DUP		7/22/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U		
VMP-9	5 ft	VMP-8-35.5-101819	10/18/2019	<0.019	U		<0.014	U		0.001	J		<0.0048	U		<0.017	U		0.0013	J		<0.0058	U		<0.005	U	
		VMP-9-5-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-9-5-042419	4/24/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	ND,UJ	UJ	<0.018	U		0.008	J		<0.006	U		<0.0052	U	
		VMP-9-5-071919	7/19/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0081	J		<0.006	U		<0.0052	U	
	11.5 ft	VMP-9-5-102519	10/25/2019	<0.02	U		<0.015	U		<0.0061	J	U	<0.0051	U		<0.018	U		<0.012	U		<0.0061	J	U	<0.0053	U	
		VMP-9-11.5-013119	1/31/2019	<0.018	U		<0.013	U		0.0024	J		<0.0044	U		<0.016	U		0.0016	J		0.0073			<0.0046	U	
		VMP-9-11.5-042419	4/24/2019	<0.02	U		0.0036	J		<0.0061	U		<0.0051	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-9-11.5-071919	7/19/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.01	J		<0.0063	U		<0.0055	U	
		VMP-9-11.5-102519	10/25/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.013	U		<0.0064	U		<0.0056	U	
		25.5 ft	VMP-9-25.5-011819	1/18/2019	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U		0.0017	J		<0.0053	U		<0.0046	U
	VMP-9-25.5-042419		4/24/2019	<0.018	U		0.0025	J		<0.0055	U		<0.0046	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
	VMP-9-25.5-071919		7/19/2019	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.0059	J		<0.0062	J	U	<0.0053	U	
	VMP-9-25.5-071919-DUP		7/19/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.009	J		<0.0066	J	U	<0.0057	U	
	38.5 ft	VMP-9-25.5-102519	10/25/2019	0.00086	J		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U		<0.0058	U	
VMP-9-38.5-011819		1/18/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U		
VMP-9-38.5-011819-DUP		1/18/2019	<0.018	U		0.0024	J		<0.0053	U		<0.0044	U		<0.016	U		0.0044	J		<0.0053	U		<0.0046	U		
VMP-9-38.5-042419		4/24/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.006	U		<0.0052	U		
VMP-18	8.5 ft	VMP-9-38.5-042419-DUP	4/24/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-18-8.5-012519	1/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.01	J		<0.0058	U		<0.005	U	
		VMP-18-8.5-043019	4/30/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-18-8.5-072619	7/26/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0095	J		<0.0061	U		<0.0053	U	
		VMP-18-8.5-072619-DUP	7/26/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.009	J		<0.0062	U		<0.0054	U	
		VMP-18-8.5-102319	10/23/2019	<0.021	U		0.007	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
		VMP-19-5-012219	1/22/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0042	U		<0.015	U		0.0021	J		0.0025	J		<0.0044	U	
		VMP-19-5-043019	4/30/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-19-5-043019-Dup	4/30/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-19-5-073119	7/31/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
VMP-19-5-111519R	11/15/2019	<0.021	U		0.0031	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U			

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	600			3700			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	1400		
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals										Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	<0.84	U		1.1			<0.25	U		<0.21	U		<0.74	U		0.17	J		<0.25	U		<0.22	U	
		VMP-20-5-042619	4/26/2019	<0.039	U		0.011	J		<0.012	U		<0.0097	U		<0.034	U		<0.023	U		<0.012	U		<0.01	U	
		VMP-20-5-072219	7/22/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.004	J		<0.0058	U		<0.0051	U	
	10 ft	VMP-20-5-102319	10/23/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-20-10-012119	1/21/2019	<0.23	U		0.13	J		<0.069	U		<0.058	U		<0.2	U		<0.14	U		<0.069	U		<0.06	U	
		VMP-20-10-042619	4/26/2019	<0.02	U		0.0032	J		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-20-10-072219	7/22/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0044	J		<0.0058	U		<0.0051	U	
		VMP-20-10-102319	10/23/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-20-25-012119	1/21/2019	<0.017	U		0.0055	J		<0.0052	U		<0.0043	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U	
	25 ft	VMP-20-25-012119-DUP	1/21/2019	<0.017	U		0.0051	J		<0.0051	U		<0.0043	U		<0.015	U		0.0015	J		<0.0051	U		<0.0044	U	
		VMP-20-25-042619	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0017	J		<0.0058	U		<0.0051	U	
		VMP-20-25-072619	7/26/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
VMP-20-25-102319		10/23/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
39.5 ft	VMP-20-39.5-020519	2/5/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.017			<0.0061	U		<0.0053	U		
	VMP-20-39.5-042619	4/26/2019	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0048	U		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0021	J		0.0018	J		<0.0047	U	
		VMP-21-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.003	J		0.0024	J		<0.0053	U	
		VMP-21-5-072919	7/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	10 ft	VMP-21-5-102319	10/23/2019	<0.024	U		<0.017	U		0.001	J		<0.0059	U		<0.021	U		<0.014	U		0.0037	J		<0.0062	U	
		VMP-21-10-012119	1/21/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-21-10-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.028			<0.0061	U		<0.0053	U	
		VMP-21-10-072919	7/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0078	J		<0.0062	U		<0.0054	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0085	J		<0.0059	U		<0.0052	U	
		VMP-21-10-102319	10/23/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
	25 ft	VMP-21-10-102319-DUP	10/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-21-25-012119	1/21/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-21-25-042619	4/26/2019	<0.02	U		0.004	J		<0.0059	U		<0.005	U		<0.017	U		0.0099	J		<0.0059	U		<0.0052	U	
		VMP-21-25-072919	7/29/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0045	J		<0.0063	U		<0.0055	U	
	33 ft	VMP-21-25-102319	10/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0052	J		<0.0059	U		<0.0052	U	
		VMP-21-33-012119	1/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-21-33-012119-DUP	1/21/2019	<0.017	U		0.012			<0.005	U		<0.0042	U		<0.015	U		0.0074	J		<0.005	U		<0.0044	U	
		VMP-21-33-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-21-33-072919	7/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0097	J		0.0052	J		<0.0051	U	
VMP-22	5 ft	VMP-21-33-102319	10/23/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-22-5-012819	1/28/2019	<0.019	U		0.0028	J		<0.0057	U		<0.0047	U		<0.017	U		0.013			<0.0057	U		<0.0049	U	
		VMP-22-5-043019	4/30/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
	10 ft	VMP-22-5-072419	7/24/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.002	J		<0.0064	U		<0.0056	U	
		VMP-22-5-102319	10/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-22-10-012819	1/28/2019	<0.019	U		0.0025	J		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-22-10-072419	7/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-22-10-102319	10/23/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-22-18-012819	1/28/2019	<0.018	U		0.0029	J		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
	18 ft	VMP-22-18-043019	4/30/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
		VMP-22-18-072419	7/24/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
		VMP-22-18-102319	10/23/2019	<0.02	U		0.0096	J		<0.006	U		<0.005	U		<0.018	U		0.0025	J		<0.006	U		<0.0052	U	
38 ft	VMP-22-38-012819	1/28/2019	<0.019	U		0.0034	J		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U		
	VMP-22-38-012819-DUP	1/28/2019	<0.02	U		0.0032	J		<0.0061	U		<0.0051	U		<0.018	U		0.002	J		<0.0061	U		&			

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			2-Propanol			n-Propylbenzene			Styrene 1400		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
				VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.018	U		0.0042	J		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U
VMP-23-5-042919	4/29/2019	<0.02	U				0.017			<0.006	U		<0.005	ND,UJ	UJ	<0.018	U		0.015			<0.006	U		<0.0052	U	
VMP-23-5-072419	7/24/2019	<0.021	U				<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
10 ft	VMP-23-10-012319	1/23/2019	<0.018		U		0.014			<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
	VMP-23-10-042919	4/29/2019	<0.019		U		<0.014	U		<0.0058	U		<0.0048	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	VMP-23-10-072419	7/24/2019	<0.02		U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		0.0016	J		<0.0053	U	
25 ft	VMP-23-10-102419	10/24/2019	<0.02		U		0.0052	J		<0.0061	U		<0.005	U		<0.018	U		0.0032	J		<0.0061	U		<0.0053	U	
	VMP-23-25-012319	1/23/2019	<0.018		U		<0.013	U		<0.0056	U		<0.0046	U		<0.016	U		0.0031	J		<0.0056	U		<0.0048	U	
	VMP-23-25-042919	4/29/2019	<0.019		U		0.0056	J		<0.0058	U		<0.0048	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
40 ft	VMP-23-25-072419	7/24/2019	<0.02		U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0047	J		<0.0059	U		<0.0052	U	
	VMP-23-25-102419	10/24/2019	<0.021		U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0024	J		<0.0063	U		<0.0055	U	
	VMP-23-40-012319	1/23/2019	<0.018		U		<0.013	U	UJ	<0.0053	U		<0.0044	U		<0.016	U		<0.01	U		<0.0053	U		<0.0046	U	
	VMP-23-40-012319-DUP	1/23/2019	<0.018	U		0.11		J	<0.0054	U		<0.0045	U		<0.016	U		0.0028	J		<0.0054	U		<0.0047	U		
	VMP-23-40-042919	4/29/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	ND,UJ	UJ	<0.019	U		0.015			<0.0064	U		<0.0056	U		
	VMP-23-40-042919-DUP	4/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	ND,UJ	UJ	<0.018	U		0.0082	J		<0.0062	U		<0.0054	U		
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	<0.018	U		0.0074	J		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0046	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
		VMP-24-5-042419	4/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	10 ft	VMP-24-5-102219	10/22/2019	<0.02	U		<0.014	U		0.00091	J		<0.005	U		<0.018	U		<0.012	U		0.0023	J		<0.0053	U	
		VMP-24-10-012419	1/24/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0016	J		<0.0054	U		<0.0046	U	
		VMP-24-10-042419	4/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	22 ft	VMP-24-10-102219	10/22/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
		VMP-24-22-012419	1/24/2019	<0.018	U		0.0034	J		<0.0056	U		<0.0046	U		<0.016	U		0.0028	J		<0.0056	U		<0.0048	U	
		VMP-24-22-042419	4/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
	34 ft	VMP-24-22-102219	10/22/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-24-34-012419	1/24/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U	
		VMP-24-34-042419	4/24/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	ND,UJ	UJ	<0.017	U		0.014			<0.0059	U		<0.0052	U	
VMP-32	5 ft	VMP-24-34-102219	10/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0016	J		<0.0054	U		<0.0047	U	
		VMP-32-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0053	U		<0.0046	U	
		VMP-32-5-043019	4/30/2019	<0.02	U		<0.014	U		<0.006	U		0.0011	J		<0.018	U		0.005	J		<0.006	U		<0.0052	U	
	10 ft	VMP-32-5-072319	7/23/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.003	J		<0.0062	U		<0.0054	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0034	J		<0.0061	U		<0.0053	U	
		VMP-32-5-102419	10/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	20 ft	VMP-32-10-012319	1/23/2019	<0.017	U		0.0074	J		<0.0052	U		<0.0044	U		<0.015	U		0.0018	J		<0.0052	U		<0.0045	U	
		VMP-32-10-043019	4/30/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-32-10-072319	7/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0033	J		<0.0059	U		<0.0052	U	
	30 ft	VMP-32-10-102419	10/24/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-32-20-012319	1/23/2019	<0.018	U		0.022			<0.0053	U		<0.0044	U		<0.016	U		0.012			<0.0053	U		<0.0046	U	
		VMP-32-20-043019	4/30/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.0049	U	
VMP-42	10 ft	VMP-32-20-072319	7/23/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0058	J		<0.0063	U		<0.0055	U	
		VMP-32-30-012319	1/23/2019	<0.018	U		0.0037	J		<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0053	U		<0.0046	U	
		VMP-32-30-050319	5/3/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		<0.01	U		<0.0053	U		<0.0046	U	
	20 ft	VMP-32-30-072319	7/23/2019	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		0.0053	J		<0.0068	U		<0.0059	U	
		VMP-32-30-102419	10/24/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0013	J		<0.0062	U		<0.0054	U	
		VMP-42-10-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0042	J		<0.0054	U		<0.0047	U	
30 ft	VMP-42-10-050119	5/1/2019	<0.019	U		0.4			<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U		
	VMP-42-10-072319	7/23/2019	<0.02	U		0.11		J	0.0019	J		<0.005	U		<0.018	U		0.0068	J		0.0049	J		<0.0053	U		
	VMP-42-10-102119	10/21/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.004			

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 600			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 3700			2-Propanol			n-Propylbenzene			Styrene 1400		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
				VMP-43	10 ft	VMP-43-10-012919	1/29/2019	<0.018	U		0.0047	J		0.37			<0.0046	U		<0.016	U		0.0068	J		1.4	
VMP-43-10-042919	4/29/2019	<0.02	U				0.0059	J		0.0036	J		<0.0049	ND,UJ	UJ	<0.017	U		0.027			<0.0059	U		0.0018	J	
VMP-43-10-080119	8/1/2019	<0.019	U				<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0053	J		<0.0058	U		<0.0051	U	
20 ft	VMP-43-10-102119	10/21/2019	<0.019		U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	VMP-43-20-012919	1/29/2019	<0.017		U		0.26			<0.0052	U		<0.0044	U		<0.015	U		0.014			<0.0052	U		<0.0045	U	
	VMP-43-20-042919	4/29/2019	<0.021		U		0.0035	J		<0.0062	U		<0.0052	ND,UJ	UJ	<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	VMP-43-20-080119	8/1/2019	<0.019		ND,UJ	UJ	<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0045	J		<0.0058	U		<0.0051	U	
	VMP-43-20-102119	10/21/2019	<0.02		U		0.0045	J		<0.0061	U		<0.005	U		<0.018	U		0.012			<0.0061	U		<0.0053	U	
	VMP-43-20-102119	10/21/2019	<0.018		U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0024	J		<0.0054	U		<0.0047	U	
30 ft	VMP-43-30-012919	1/29/2019	<0.018		U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0019	J		<0.0055	U		<0.0048	U	
	VMP-43-30-042919	4/29/2019	<0.021		U		<0.015	U		<0.0064	U		<0.0053	ND,UJ	UJ	<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
	VMP-43-30-080119	8/1/2019	<0.02		U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0028	J		<0.0059	U		<0.0052	U	
	VMP-43-30-102119	10/21/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.003	J		<0.0061	U		<0.0053	U		
	VMP-43-30-102119-DUP	10/21/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0026	J		<0.0061	U		<0.0053	U		
	VMP-44-10-012219	1/22/2019	<0.017	U		0.018			<0.0051	U		<0.0043	U		<0.015	U		<0.01	U		<0.0051	U		<0.0044	U		
VMP-44	10 ft	VMP-44-10-042919	4/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	ND,UJ	UJ	<0.017	U		0.0064	J		<0.0058	U		<0.005	U	
		VMP-44-10-072319	7/23/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0022	J		<0.0066	U		<0.0057	U	
		VMP-44-10-102419	10/24/2019	<0.019	U		<0.014	U		<0.0056	J	U	<0.0047	U		<0.016	U		<0.011	U		<0.0056	J	U	<0.0049	U	
	20 ft	VMP-44-20-020419	2/4/2019	<0.02	U		0.0056	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.021	U		0.0049	J		<0.0062	U		<0.0052	U		<0.018	U		0.0021	J		<0.0062	U		<0.0054	U	
		VMP-44-20-042919	4/29/2019	<0.02	U		0.0048	J		<0.0059	U		<0.0049	ND,UJ	UJ	<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-44-20-072319	7/23/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0054	J		<0.0058	U		<0.0051	U	
	30 ft	VMP-44-20-102419	10/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
		VMP-44-30-012219	1/22/2019	<0.017	U		0.018			<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		0.00074	J		<0.0045	U	
		VMP-44-30-042919	4/29/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	ND,UJ	UJ	<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-44-30-072319	7/23/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0027	J		<0.0057	U		<0.005	U	
		VMP-44-30-102419	10/24/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
VMP-45	10 ft	VMP-45-10-012219	1/22/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-45-10-042519	4/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0042	J		<0.006	U		<0.0052	U	
		VMP-45-10-080119	8/1/2019	<0.021	ND,UJ	UJ	0.006	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	20 ft	VMP-45-10-111519R	11/15/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0038	J		<0.0061	U		<0.0053	U	
		VMP-45-20-012219	1/22/2019	<0.018	U		0.017			<0.0054	U		<0.0045	U		<0.016	U		0.0018	J		<0.0054	U		<0.0046	U	
		VMP-45-20-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-45-20-080119	8/1/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.003	J		<0.0063	U		<0.0055	U	
		VMP-45-20-102419	10/24/2019	<0.019	U		0.013	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
		VMP-45-30-012219	1/22/2019	<0.018	U		0.0039	J		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
	30 ft	VMP-45-30-052819R	5/28/2019	<0.022	U		0.028			<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		0.0029	J		<0.0056	U	
		VMP-45-30-080119	8/1/2019	<0.021	ND,UJ	UJ	0.0046	J		<0.0062	U		<0.0052	U		<0.018	U		0.0069	J		<0.0062	U		<0.0054	U	
		VMP-45-30-102419	10/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0013	J		<0.0058	U		<0.0051	U	
VMP-45-30-102419-DUP	10/24/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U			
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	<0.018	U		0.0044	J		0.15			<0.0046	U		<0.016	U		0.0026	J		0.51			<0.0048	U	
		VMP-47-5-042519	4/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.0039	J		<0.0059	U		<0.0051	U	
		VMP-47-5-072619	7/26/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	10 ft	VMP-47-5-102319	10/23/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-47-10-012919	1/29/2019	<0.019	U		<0.014	U		0.0087			<0.0049	U		<0.017	U		<0.012	U		0.035			<0.0051	U	
		VMP-47-10-042519	4/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
	20 ft	VMP-47-10-072619	7/26/2019	<0.021	U		<0.015	U		0.00083	J		<0.0052	U		<0.018	U		<0.012	U		0.0024	J		<0.0054	U	
		VMP-47-10-102319	10/23/2019	<0.022</																							

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				600			3700			1400																	
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.014			<0.0055	U		<0.0048	U	
		VMP-48-5-042619	4/26/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0019	J		<0.0061	U		<0.0053	U	
		VMP-48-5-072619	7/26/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.063			<0.0064	U		<0.0055	U	
		VMP-48-5-102119	10/21/2019	<0.021	U		<0.015	U		0.0018	J		<0.0052	U		<0.018	U		<0.012	U		0.0047	J		<0.0054	U	
	10 ft	VMP-48-10-012319	1/23/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		<0.0053	U		<0.0046	U	
		VMP-48-10-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0038	J		<0.0059	U		<0.0052	U	
		VMP-48-10-072619	7/26/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-48-10-102119	10/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
	20 ft	VMP-48-20-012319	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.003	J		<0.0052	U		<0.0045	U	
		VMP-48-20-102119	10/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0017	J		<0.0058	U		<0.0051	U	
		VMP-48-30-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-48-30-042619	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
30 ft	VMP-48-30-072619	7/26/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
	VMP-48-30-102119	10/21/2019	<0.021	U		0.022			0.0011	J		<0.0053	U		<0.019	U		<0.013	U		0.0032	J		<0.0055	U		
	VMP-49-5-020119	2/1/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U		
	VMP-49-5-042919	4/29/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0031	J		<0.0063	U		<0.0054	U		
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-49-5-101819	10/18/2019	<0.02	U		0.0039	J		<0.0059	U		<0.005	U		<0.017	U		0.0018	J		<0.0059	U		<0.0052	U	
		VMP-49-10-012119	1/21/2019	0.0017	J		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.0024	J		<0.0052	U		<0.0045	U	
		VMP-49-10-042919	4/29/2019	<0.019	U		0.055			<0.0058	U		<0.0048	U		<0.017	U		0.0028	J		<0.0058	U		<0.005	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.02	U		<0.014	U		0.0019	J		<0.005	U		<0.018	U		0.014			<0.0061	U		<0.0053	U	
		VMP-49-10-101819	10/18/2019	<0.02	U		<0.014	U		0.00075	J		<0.0049	U		<0.017	U		0.0016	J		0.0027	J		<0.0051	U	
		VMP-49-20-012119	1/21/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.0034	J		<0.0052	U		<0.0045	U	
		VMP-49-20-042919	4/29/2019	<0.019	U		0.015			<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0091	J		<0.0061	U		<0.0053	U	
		VMP-49-20-101819	10/18/2019	<0.023	U		<0.016	U		0.0017	J		<0.0057	U		<0.02	U		<0.014	U		0.0048	J		<0.0059	U	
		VMP-49-30-012119	1/21/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		<0.01	U		<0.0051	U		<0.0044	U	
		VMP-49-30-042919	4/29/2019	<0.019	U		0.53		J	<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
30 ft	VMP-49-30-042919-DUP	4/29/2019	<0.021	U		0.017		J	<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U		
	VMP-49-30-072919	7/29/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0057	J		<0.0062	U		<0.0054	U		
	VMP-49-30-101819	10/18/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0014	J		<0.0065	U		<0.0056	U		
	VMP-50-5-020519	2/5/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
VMP-50	5 ft	VMP-50-5-042919	4/29/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	ND,UJ	UJ		<0.017	U		<0.012	U		<0.0058	U		<0.005	U
		VMP-50-5-073019	7/30/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0095	J		<0.0058	U		<0.005	U	
		VMP-50-5-102319	10/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-50-10-012519	1/25/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0017	J		<0.0054	U		<0.0047	U	
	10 ft	VMP-50-10-042919	4/29/2019	<0.021	U		0.0036	J		<0.0063	U		<0.0053	ND,UJ	UJ		<0.018	U		<0.013	U		<0.0063	U		<0.0055	U
		VMP-50-10-073019	7/30/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.0087	J		<0.0064	U		<0.0056	U	
		VMP-50-10-102319	10/23/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-50-20-020119	2/1/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
	20 ft	VMP-50-20-042919	4/29/2019	<0.019	U		0.31			0.008			<0.0047	ND,UJ	UJ		<0.016	U		<0.011	U		0.0089			<0.0049	U
		VMP-50-20-073019	7/30/2019	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		0.013	J		<0.0067	U		<0.0058	U	
		VMP-50-20-102319	10/23/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U	
		VMP-50-30-012519	1/25/2019	<0.37	U		23			<0.11	U		<0.092	U		<0.32	U		<0.22	U		<0.11	U		<0.096	U	
30 ft	VMP-50-30-012519-DUP	1/25/2019	<0.34	U		24			<0.1	U		<0.084	U		<0.3	U		<0.2	U		<0.1	U		<0.087	U		
	VMP-50-30-042919	4/29/2019	<0.2	U		22			0.018	J		<0.05	ND,UJ	UJ		<0.18	U		<0.12	U		<0.06	U		<0.052	U	
	VMP-50-30-073019	7/30/2019	<0.42	U		22			<0.12	U		<0.1	U		<0.37	U		<0.25	U		<0.12	U		<0.11	U		
	VMP-50-30-102319	10/23/2019	<0.21	U		26			0.013	J		<0.052	U		<0.046	U		<0.12	U</								

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	600			3700			Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	1400			
										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals										Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	<0.018	U		0.033			<0.0056	U		<0.0046	U		<0.016	U		0.002	J		<0.0056	U		<0.0048	U		
		VMP-51-5-050119	5/1/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U		
		VMP-51-5-072419	7/24/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U		
	10 ft	VMP-51-10-012319	1/23/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.007	J		<0.0054	U		<0.0046	U		
		VMP-51-10-050119	5/1/2019	<0.019	U		0.069			<0.0057	U		<0.0047	U		<0.017	U		0.0039	J		<0.0057	U		<0.0049	U		
		VMP-51-10-072419	7/24/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U		
	20 ft	VMP-51-10-102519	10/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U		
		VMP-51-20-012319	1/23/2019	<0.018	U		0.016			<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0053	U		<0.0046	U		
		VMP-51-20-050119	5/1/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U		
	30 ft	VMP-51-20-072419	7/24/2019	<0.021	U		<0.015	U		0.0036	J		<0.0053	U		<0.019	U		<0.013	U		0.0089			<0.0055	U		
		VMP-51-20-102519	10/25/2019	<0.02	U		0.0027	J		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U		<0.0053	U		
		VMP-51-30-012319	1/23/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.002	J		<0.0052	U		<0.0045	U		
	VMP-52	5 ft	VMP-51-30-050119	5/1/2019	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U		<0.0058	U	
			VMP-51-30-050119-DUP	5/1/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
			VMP-51-30-072419	7/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U	
10 ft		VMP-51-30-102519	10/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U		
		VMP-51-30-102519-DUP	10/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
		VMP-52-5-013119	1/31/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		0.0033	J		<0.0057	U		<0.0049	U		
VMP-52	5 ft	VMP-52-5-050219	5/2/2019	<0.4	U		<0.29	U		<0.12	U		<0.1	U		<0.35	U		22			<0.12	U		<0.1	U		
		VMP-52-5-072619	7/26/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U		
		VMP-52-5-072619-DUP	7/26/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
	10 ft	VMP-52-5-102219	10/22/2019	<0.021	U		<0.015	U		0.0015	J		<0.0053	U		<0.019	U		<0.013	U		0.0045	J		<0.0055	U		
		VMP-52-10-013119	1/31/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0035	J		<0.0055	U		<0.0048	U		
		VMP-52-10-072619	7/26/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U		
VMP-52	20 ft	VMP-52-10-102219	10/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
		VMP-52-20-013119	1/31/2019	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U		0.0016	J		<0.0053	U		<0.0046	U		
		VMP-52-20-013119-DUP	1/31/2019	<0.017	U		0.0041	J		<0.0052	U		<0.0043	U		<0.015	U		0.002	J		<0.0052	U		<0.0045	U		
	30 ft	VMP-52-20-050219	5/2/2019	<0.021	U		0.0045	J		<0.0063	U		<0.0052	U		<0.018	U		0.01	J		<0.0063	U		<0.0054	U		
		VMP-52-20-072219	7/22/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.023			<0.0063	U		<0.0055	U		
		VMP-52-20-102219	10/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		0.00058	J		<0.0053	U		
VMP-53	5 ft	VMP-52-30-013119	1/31/2019	<0.017	U		0.0024	J		<0.0051	U		<0.0042	U		<0.015	U		0.0016	J		<0.0051	U		<0.0044	U		
		VMP-52-30-050219	5/2/2019	<0.022	U		0.006	J		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U		
		VMP-52-30-072219	7/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0064	J		<0.0061	U		<0.0053	U		
	10 ft	VMP-52-30-102219	10/22/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U		
		VMP-52-30-102219-DUP	10/22/2019	<0.021	U		0.0071	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U		
		VMP-53-5-011819	1/18/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.0017	J		<0.0052	U		<0.0045	U		
VMP-53	5 ft	VMP-53-5-050319	5/3/2019	<0.02	U		0.0069	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		0.0051	J		<0.0053	U		
		VMP-53-5-050319-DUP	5/3/2019	<0.019	U		0.004	J		0.0014	J		<0.0048	U		<0.017	U		<0.012	U		0.0067			<0.005	U		
		VMP-53-5-071919	7/19/2019	<0.02	U		0.0096	J		<0.0061	U		<0.0051	U		<0.018	U		0.011	J		<0.0061	U		<0.0053	U		
	10 ft	VMP-53-5-101819	10/18/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U		
		VMP-53-10-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U		
		VMP-53-10-050319	5/3/2019	<0.068	U		0.032	J		<0.02	U		<0.017	U		<0.06	U		<0.041	U		<0.02	U		<0.018	U		
VMP-53	20 ft	VMP-53-10-071919	7/19/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U		<0.0055	U		
		VMP-53-10-101819	10/18/2019	<0.022	U		0.0033	J		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U		<0.0058	U		
		VMP-53-20-011819	1/18/2019	<0.018	U		0.0027	J		<0.0055	U		<0.0046	U		<0.016	U		0.0018	J		<0.0055	U		<0.0048	U		
	30 ft	VMP-53-20-050319	5/3/2019	<2.2	U		4.8			<0.66	U		<0.55	U		<0.49	U		<1.3	U		<0.66	U		<0.58	U		
		VMP-53-20-071919	7/19/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0091	J		<0.0065	U		<0.0056	U		
		VMP-53-20-101819	10/18/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0024	J		<0.006	U		<0.0052	U		
VMP-53	30 ft	VMP-53-30-013119	1/31/2019	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.015	U		0.002	J		<0.0053	U		<0.0046	U		
		VMP-53-30-050319	5/3/2019	<0.21	U		9.4			<0.062	U		<0.052	U		<0.18	U		<0.12	U		<0.062	U		<0.054	U		
		VMP-53-30-071919	7/19/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		0.006	J		<0.0064	U		<0.0055	U		
		VMP-53-30-101819	10/18/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U		
VMP-53-30-101819-DUP	10/18/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U													

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
										600						3700						1400					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-54-5-042419	4/24/2019	<0.019	U		<0.013	U		<0.0056	U		<0.0047	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0056	U		<0.0048	U	
		VMP-54-5-072219	7/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	10 ft	VMP-54-5-102219	10/22/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
		VMP-54-10-011819	1/18/2019	<0.018	U		0.0021	J		<0.0053	U		<0.0044	U		<0.016	U		<0.01	U		<0.0053	U		<0.0046	U	
		VMP-54-10-042419	4/24/2019	<0.022	U		0.0052	J		0.0026	J		<0.0054	ND,UJ	UJ	<0.019	U		<0.013	U		0.0069			<0.0056	U	
		VMP-54-10-072219	7/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-54-10-102219	10/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-54-10-102219	10/22/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	20 ft	VMP-54-20-011819	1/18/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-54-20-042419	4/24/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	ND,UJ	UJ	<0.016	U		<0.011	U		<0.0055	U		<0.0048	U	
		VMP-54-20-072219	7/22/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
30 ft	VMP-54-20-102219	10/22/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U		
	VMP-54-30-011819	1/18/2019	<0.018	U		0.0046	J		<0.0054	U		<0.0045	U		<0.016	U		0.0035	J		<0.0054	U		<0.0047	U		
	VMP-54-30-042419	4/24/2019	<0.018	U		0.0048	J		0.002	J		<0.0045	ND,UJ	UJ	<0.016	U		0.0037	J		0.0053	J		<0.0047	U		
	VMP-54-30-072219	7/22/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U		
VMP-56	10 ft	VMP-56-10-012819	1/28/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0029	J		0.0012	J		<0.0052	U	
		VMP-56-10-050119	5/1/2019	<0.019	U		1			<0.0058	U		<0.0048	U		<0.017	U		0.0033	J		<0.0058	U		<0.005	U	
		VMP-56-10-072319	7/23/2019	<0.021	U		0.0068	J		<0.0062	U		<0.0052	U		<0.018	U		0.011	J		<0.0062	U		<0.0054	U	
	25 ft	VMP-56-10-102119	10/21/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-56-25-012819	1/28/2019	<0.018	U		0.008	J		<0.0056	U		<0.0046	U		<0.016	U		0.0026	J		<0.0056	U		<0.0048	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.019	U		0.0076	J		<0.0056	U		<0.0047	U		<0.016	U		0.0034	J		<0.0056	U		<0.0049	U	
		VMP-56-25-050119	5/1/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		0.0031	J		<0.0057	U		<0.0049	U	
		VMP-56-25-072319	7/23/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0057	J		<0.0059	U		<0.0052	U	
		VMP-56-25-102119	10/21/2019	<0.021	U		0.022			<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
	38.5 ft	VMP-56-38.5-012819	1/28/2019	<1400	U		22000			<440	U		<1400	U		<320	U		130	J		<440	U		<380	U	
		VMP-56-38.5-050119	5/1/2019	<810	U		40000			30	J		<200	U		<180	U		<490	U		39	J		<210	U	
	VMP-62	5 ft	VMP-62-5-012819	1/28/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.002	J		<0.0057	U		<0.0049	U
VMP-62-5-042619			4/26/2019	<0.02	U		0.0032	J		<0.0059	U		<0.005	U		<0.017	U		0.0031	J		<0.0059	U		<0.0052	U	
VMP-62-5-072919			7/29/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.023			<0.0063	U		<0.0055	U	
VMP-62-5-102319			10/23/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0028	J		<0.0062	U		<0.0054	U	
10 ft		VMP-62-10-012819	1/28/2019	<0.018	U		0.0021	J		<0.0056	U		<0.0046	U		<0.016	U		0.054			<0.0056	U		<0.0048	U	
		VMP-62-10-042619	4/26/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0024	J		<0.0066	U		<0.0057	U	
		VMP-62-10-072919	7/29/2019	<0.019	U		0.0041	J		<0.0057	U		<0.0048	U		<0.017	U		0.0089	J		<0.0057	U		<0.005	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.01	J		<0.0061	U		<0.0053	U	
		VMP-62-10-102319	10/23/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0025	J		<0.0063	U		<0.0055	U	
		VMP-62-10-102319	10/23/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		0.0025	J		<0.0063	U		<0.0055	U	
20 ft		VMP-62-20-012819	1/28/2019	<0.018	U		0.012	J		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0047	U	
		VMP-62-20-042619	4/26/2019	<0.02	U		0.0036	J		<0.0061	U		<0.005	U		<0.018	U		0.0024	J		0.0012	J		<0.0053	U	
		VMP-62-20-072919	7/29/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0079	J		<0.0059	U		<0.0052	U	
30 ft		VMP-62-20-102319	10/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-62-30-020519	2/5/2019	<0.021	U		0.004	J		0.0019	J		<0.0052	U		<0.018	U		0.018			0.0067			<0.0054	U	
		VMP-62-30-042619	4/26/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0026	J		<0.0058	U		<0.0051	U	
		VMP-62-30-042619-DUP	4/26/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
VMP-62-30-072919		7/29/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U		
	VMP-62-30-102319	10/23/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.002	J		<0.0066	U		<0.0057	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene			
				600			3700			1400																		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U		
		VMP-63-5-042519	4/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
		VMP-63-5-072319	7/23/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		0.0084	J		<0.0066	U		<0.0057	U		
		VMP-63-5-102419	10/24/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0015	J		<0.0057	U		<0.005	U		
		VMP-63-5-102419-DUP	10/24/2019	<0.02	U		0.0037	J		<0.0061	U		<0.005	U		<0.018	U		0.0015	J		<0.0061	U		<0.0053	U		
	10 ft	VMP-63-10-012919	1/29/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		0.0055	J		<0.0053	U		<0.0046	U		
		VMP-63-10-042519	4/25/2019	<0.02	U		<0.015	U		0.0027	J		<0.0051	U		<0.018	U		0.008	J		0.007			<0.0053	U		
		VMP-63-10-072319	7/23/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U		
		VMP-63-10-102419	10/24/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0012	J		<0.0056	U		<0.0049	U		
		VMP-63-20-022719R	2/27/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		<0.011	U		<0.0057	U		<0.005	U		
	30 ft	VMP-63-20-042519	4/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U		
		VMP-63-20-042519-DUP	4/25/2019	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0048	U		
		VMP-63-20-072319	7/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0019	J		<0.0061	U		<0.0053	U		
		VMP-63-20-102419	10/24/2019	<0.021	U		<0.015	U		<0.0062	J	U	<0.0052	U		<0.018	U		<0.012	U		<0.0062	J	U	<0.0054	U		
		VMP-63-30-020419	2/4/2019	<0.019	U		0.0043	J		0.00072	J		<0.0048	U		<0.017	U		0.002	J		0.002	J		<0.005	U		
VMP-63-30-050319		5/3/2019	<0.02	U		0.0047	J		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.0035	J		<0.0051	U			
VMP-63-30-072319		7/23/2019	<0.021	U		0.0035	J		<0.0062	U		<0.0052	U		<0.018	U		0.0034	J		<0.0062	U		<0.0054	U			
VMP-63-30-102419		10/24/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0013	J		<0.0062	U		<0.0054	U			
VMP-64		5 ft	VMP-64-5-012119	1/21/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0092	J		<0.0056	U		<0.0049	U	
			VMP-64-5-042619	4/26/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.024			<0.0057	U		<0.005	U	
	VMP-64-5-072519		7/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U		
	VMP-64-5-072519-DUP		7/25/2019	<0.02	U		0.0034	J		<0.006	U		<0.005	U		<0.018	U		0.0029	J		<0.006	U		<0.0052	U		
	VMP-64-5-102319		10/23/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.0023	J		<0.0061	U		<0.0053	U		
	10 ft	VMP-64-10-012119	1/21/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U		
		VMP-64-10-042619	4/26/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0034	J		<0.0057	U		<0.005	U		
		VMP-64-10-072519	7/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
		VMP-64-10-102319	10/23/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0038	J		<0.0062	U		<0.0054	U		
	20 ft	VMP-64-20-012119	1/21/2019	<0.018	U		0.004	J		<0.0055	U		<0.0046	U		<0.016	U		0.0024	J		<0.0055	U		<0.0048	U		
		VMP-64-20-042619	4/26/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0068	J		<0.0056	U		<0.0049	U		
		VMP-64-20-072519	7/25/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U		
		VMP-64-20-102319	10/23/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U		

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-1-5-043019	4/30/2019	<0.0088	U		<0.0087	U		<0.0038	U		0.0026	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-1-5-072319	7/23/2019	<0.0092	U		<0.0091	U		<0.004	U		0.0069			<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
	8.5 ft	VMP-1-5-102419	10/24/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		<0.0069	U		0.00094	J	
		VMP-1-8.5-012319	1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		0.0027	J	
		VMP-1-8.5-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-1-8.5-072319	7/23/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0064			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-1-8.5-102419	10/24/2019	<0.019	U		8.2		J	<0.0083	U		<0.01	U		<0.083	U		<0.015	U		<0.015	U		0.045		J
		VMP-1-8.5-102419-DUP	10/24/2019	<0.0086	U		0.064		J	<0.0037	U		0.00054	J		<0.037	U		<0.0069	U		<0.0069	U		0.00099	J	J
	23.5 ft	VMP-1-8.5-111519R	11/15/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-1-23.5-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.00096	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-1-23.5-012319-DUP	1/23/2019	<0.0073	U		<0.0072	U		<0.0031	U		0.00091	J		<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
VMP-1-23.5-043019		4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0019	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U		
VMP-1-23.5-072319		7/23/2019	<0.0092	U		<0.0091	U		<0.004	U		0.006			<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U		
VMP-1-23.5-102419		10/24/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U		
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	<0.0073	U		0.0013	J		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-2-5-042619	4/26/2019	<0.0085	U		0.0033	J		<0.0036	U		0.0022	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-2-5-072519	7/25/2019	<0.008	U		0.018			<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-2-5-102119	10/21/2019	<0.008	U		0.0062	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
	8.5 ft	VMP-2-8.5-012319	1/23/2019	<0.0076	U		0.0047	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-2-8.5-042619	4/26/2019	<0.0083	U		0.004	J		<0.0036	U		0.17			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-2-8.5-072519	7/25/2019	<0.0092	U		0.011			<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-2-8.5-102119	10/21/2019	<0.0082	U		0.01			<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	22 ft	VMP-2-22-012319	1/23/2019	<0.0076	U		0.008			<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-2-22-042619	4/26/2019	<0.0086	U		0.0062	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-2-22-042619-DUP	4/26/2019	<0.0082	U		0.0064	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-2-22-072519	7/25/2019	<0.0084	U		0.0068	J		<0.0036	U		0.0008	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.0052			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-3-5-042919	4/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-3-5-072519	7/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-3-5-101819	10/18/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		0.0058	J		<0.0068	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-3-10-020119	2/1/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-3-10-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-3-10-072519	7/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-3-10-072519-DUP	7/25/2019	<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U		<0.0082	U	
		VMP-3-10-101819	10/18/2019	<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U		<0.008	U	
		VMP-3-10-101819	10/18/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
	22 ft	VMP-3-22-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	ND,UJ	UJ	<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-3-22-072519	7/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.00049	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-3-22-101819	10/18/2019	<0.0086	U		<0.0085	U		0.0037			0.048			<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-3-22-101819	10/18/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
31.5 ft	VMP-3-31.5-012419	1/24/2019	<0.0077	U		0.0021	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
	VMP-3-31.5-042919	4/29/2019	<0.0082	U		<0.0081	U		<0.0035	ND,UJ	UJ	0.07			<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
	VMP-3-31.5-072519	7/25/2019	<0.009	U		0.0011	J		<0.0039	U		0.001	J		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U		
	VMP-3-31.5-101819	10/18/2019	<25	U		<25	U		<11	U		19			<110	U		<20	U		<20	U		<20	U		
39 ft	VMP-3-31.5-101819-DUP	10/18/2019	<24	U		<24	U		<10	U		14			<100	U		<19	U		<19	U		<19	U		
	VMP-3-39-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U		

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-4-5-043019	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0023	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-4-5-072519	7/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-4-5-102119	10/21/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	12 ft	VMP-4-12-012119	1/21/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-4-12-043019	4/30/2019	<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U		<0.0075	U	
		VMP-4-12-072519	7/25/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-4-12-102119	10/21/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
	23.5 ft	VMP-4-23.5-012119	1/21/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-4-23.5-043019	4/30/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.0008	J		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
VMP-4-23.5-072519		7/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.001	J		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U		
VMP-4-23.5-102119		10/21/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U		
VMP-5	5 ft	VMP-5-5-012219	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		0.68			<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-5-5-050119	5/1/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-5-5-072419	7/24/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-5-5-072419-DUP	7/24/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.00058	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-5-5-102119	10/21/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	12.5 ft	VMP-5-12.5-012219	1/22/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-5-12.5-050119	5/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-5-12.5-072419	7/24/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.00066	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-5-12.5-102119	10/21/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
	31 ft	VMP-5-31-012219	1/22/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-5-31-050119	5/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-5-31-072419	7/24/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0026	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-5-31-102119	10/21/2019	<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
	40 ft	VMP-5-40-020419	2/4/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0027	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
VMP-5-40-050119		5/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.0019	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
VMP-6	5 ft	VMP-6-5-013119	1/31/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.073			<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-6-5-042519	4/25/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-6-5-072219	7/22/2019	<0.0097	U		<0.0096	U		<0.0042	U		0.014			<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
		VMP-6-5-102519	10/25/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		0.0027	J	
	10 ft	VMP-6-10-012219	1/22/2019	<0.0076	U		<0.0075	U		<0.0032	U		0.00074	J		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-6-10-042519	4/25/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-6-10-072219	7/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.013			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-6-10-102519	10/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
	31.5 ft	VMP-6-31.5-020119	2/1/2019	<0.015	U		<0.015	U		<0.0066	U		2			<0.067	U		<0.012	U		<0.012	U		<0.012	U	
		VMP-6-31.5-042519	4/25/2019	<0.0089	U		<0.0088	U		<0.0038	U		1.5			<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-6-31.5-072219	7/22/2019	<0.0091	U		<0.009	U		<0.0039	U		0.027			<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-6-31.5-102519	10/25/2019	<0.0087	U		0.0017	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
	39 ft	VMP-6-39-012219	1/22/2019	<0.0076	U		<0.0075	U		<0.0033	U		0.0012	J		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-6-39-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
VMP-7	5 ft	VMP-7-5-012219	1/22/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-7-5-042519	4/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-7-5-072319	7/23/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0057			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-7-5-072319-DUP	7/23/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.004	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-7-5-102419	10/24/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	13.5 ft	VMP-7-13.5-020119	2/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.00														

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene			
				0.55			6200			5.4			6600			170000			1.5									
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	<0.0072	U		<0.0071	U		<0.0031	U		0.0018	J		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U		
		VMP-8-5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-8-5-072219	7/22/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.0017	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U		
		VMP-8-5-101819	10/18/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U		
	9.5 ft	VMP-8-9.5-011819	1/18/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.0017	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U		
		VMP-8-9.5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	0.94			<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-8-9.5-072219	7/22/2019	<0.008	U		<0.0079	U		<0.0034	U		0.5			<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-8-9.5-101819	10/18/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
	35.5 ft	VMP-8-23.5-022719R	2/27/2019	<0.0076	U		<0.0075	U		<0.0033	U		0.002	J		<0.033	U		<0.006	U		<0.006	U		<0.006	U		
		VMP-8-23.5-042419	4/24/2019	<0.008	U		<0.0079	U		<0.0034	U	UJ	<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-8-23.5-072219	7/22/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.0066			<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
		VMP-8-23.5-101819	10/18/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
	VMP-9	5 ft	VMP-8-35.5-011819	1/18/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
			VMP-8-35.5-042419	4/24/2019	<0.0082	U		<0.0081	U		<0.0035	U	UJ	0.0044	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
VMP-8-35.5-072219-DUP			7/22/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0038	J		<0.036	U		<0.0066	U		<0.0066	U		0.0033	J		
11.5 ft		VMP-8-35.5-101819	10/18/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
		VMP-9-5-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U		
		VMP-9-5-042419	4/24/2019	<0.0084	U		<0.0083	U		<0.0036	U	UJ	<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
25.5 ft	VMP-9-5-071919	7/19/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0073			<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U			
	VMP-9-5-102519	10/25/2019	<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		0.018				
	VMP-9-11.5-013119	1/31/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U			
	VMP-9-11.5-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	0.0015	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U			
	VMP-9-11.5-071919	7/19/2019	<0.0088	U		0.0036	J		<0.0038	U		0.21			<0.038	U		<0.007	U		<0.007	U		<0.0069	U			
	VMP-9-11.5-102519	10/25/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U			
38.5 ft	VMP-9-25.5-011819	1/18/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U			
	VMP-9-25.5-042419	4/24/2019	<0.0077	U		<0.0076	U		<0.0033	U	UJ	<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U			
	VMP-9-25.5-071919	7/19/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0079			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U			
	VMP-9-25.5-102519	10/25/2019	<0.0092	U		<0.0091	U		<0.004	U		0.01			<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U			
VMP-18	8.5 ft	VMP-9-25.5-071919-DUP	7/19/2019	<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U		
		VMP-9-38.5-011819	1/18/2019	<0.0073	U		0.0016	J		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U		
		VMP-9-38.5-011819-DUP	1/18/2019	<0.0074	U		0.002	J		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U		
		VMP-9-38.5-042419	4/24/2019	<0.0083	U		<0.0082	U		<0.0036	U	UJ	<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U		
VMP-19	5 ft	VMP-9-38.5-042419-DUP	4/24/2019	<0.0084	U		<0.0083	U		<0.0036	U	UJ	<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-18-8.5-012519	1/25/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-18-8.5-043019	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0011	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-18-8.5-072619	7/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
VMP-19	5 ft	VMP-18-8.5-072619-DUP	7/26/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
		VMP-18-8.5-102319	10/23/2019	<0.0086	U	UJ	<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
		VMP-18-8.5-102319-DUP	10/23/2019	<0.0089	U	UJ	<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U		
		VMP-19-5-012219	1/22/2019	<0.0071	U		0.0018	J		<0.003	U		<0.0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U		
VMP-19	5 ft	VMP-19-5-043019	4/30/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
		VMP-19-5-043019-Dup	4/30/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-19-5-073119	7/31/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
VMP-19-5-111519R	11/15/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U				

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	<0.35	U		<0.35	U		0.12	J		0.59			<1.5	U		<0.28	U		0.26	J		<0.28	U	
		VMP-20-5-042619	4/26/2019	<0.016	U		<0.016	U		<0.007	U		<0.0089	U		<0.07	U		<0.013	U		<0.013	U		<0.013	U	
		VMP-20-5-072219	7/22/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.045			<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	10 ft	VMP-20-5-102319	10/23/2019	<0.008	U	UJ	<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-20-10-012119	1/21/2019	<0.096	U		<0.095	U		<0.041	U		<0.053	U		<0.42	U		<0.077	U		<0.077	U		<0.076	U	
		VMP-20-10-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-20-10-072219	7/22/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-20-10-102319	10/23/2019	<0.008	U	UJ	<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-20-25-012119	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
	25 ft	VMP-20-25-012119-DUP	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-20-25-042619	4/26/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-20-25-072619	7/26/2019	<0.0087	U		0.29			<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
VMP-20-25-102319		10/23/2019	<0.0085	U	UJ	<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
39.5 ft	VMP-20-25-102319-DUP	10/23/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
	VMP-20-39.5-020519	2/5/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0099			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-21-5-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-21-5-072919	7/29/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
	10 ft	VMP-21-5-102319	10/23/2019	<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U	
		VMP-21-10-012119	1/21/2019	<0.008	U		0.0016	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-21-10-042619	4/26/2019	<0.0085	U		0.0012	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-21-10-072919	7/29/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-21-10-102319	10/23/2019	<0.0082	U		0.0041	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	25 ft	VMP-21-10-102319-DUP	10/23/2019	<0.0085	U		0.0042	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-21-25-012119	1/21/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-21-25-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-21-25-072919	7/29/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.0038	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	33 ft	VMP-21-25-102319	10/23/2019	<0.0083	U		0.0014	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-21-33-012119	1/21/2019	<0.0082	U		0.0051	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-21-33-012119-DUP	1/21/2019	0.0038	J		0.0086			<0.003	U		0.0015	J		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-21-33-042619	4/26/2019	<0.0083	U		0.0074	J		<0.0036	U		0.0025	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-21-33-072919	7/29/2019	<0.0082	U		0.0034	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
VMP-22	5 ft	VMP-21-33-102319	10/23/2019	<0.008	U		0.0024	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-22-5-012819	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-22-5-043019	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
	10 ft	VMP-22-5-072419	7/24/2019	<0.009	U		<0.0089	U		<0.0039	U		0.0011	J		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-22-5-102319	10/23/2019	<0.0083	U	UJ	<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-22-10-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-22-10-072419	7/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.014			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-22-10-102319	10/23/2019	<0.0085	U	UJ	<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-22-18-012819	1/28/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
	18 ft	VMP-22-18-043019	4/30/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-22-18-072419	7/24/2019	<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-22-18-102319	10/23/2019	<0.0084	U	UJ	<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
38 ft	VMP-22-38-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U		
	VMP-22-38-012819-DUP	1/28/2019	<0.0085	U		<0.0084	U		<0.0037	U																	

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.0077	U		0.005	J		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-23-5-042919	4/29/2019	<0.0084	U		<0.0083	U		<0.0036	ND,UJ	UJ	0.0035	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-23-5-072419	7/24/2019	<0.0089	U		<0.0088	U		<0.0038	U		0.00096	J		<0.038	U		0.0016	J		<0.0071	U		<0.007	U	
	10 ft	VMP-23-10-012319	1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-23-10-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-23-10-072419	7/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.00078	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	25 ft	VMP-23-10-102419	10/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-23-25-012319	1/23/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-23-25-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	40 ft	VMP-23-25-072419	7/24/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0012	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-23-25-102419	10/24/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-23-40-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
VMP-23-40-012319-DUP		1/23/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U		
VMP-23-40-042919		4/29/2019	<0.009	U		<0.0088	U		<0.0038	ND,UJ	UJ	<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U		
VMP-23-40-042919-DUP		4/29/2019	<0.0087	U		<0.0086	U		<0.0037	ND,UJ	UJ	<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U		
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-24-5-012419-DUP	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-24-5-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	0.0029	J		<0.037	U		<0.0067	U		<0.0067	U		0.003	J	
	10 ft	VMP-24-5-102219	10/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-24-10-012419	1/24/2019	<0.0075	U		0.0021	J		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-24-10-042419	4/24/2019	<0.0085	U		<0.0084	U		<0.0036	U	UJ	<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	22 ft	VMP-24-10-102219	10/22/2019	<0.0079	U		<0.0078	U		0.003	J		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-24-22-012419	1/24/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-24-22-042419	4/24/2019	<0.0082	U		<0.0081	U		<0.0035	U	UJ	<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	34 ft	VMP-24-22-102219	10/22/2019	<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-24-34-012419	1/24/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-24-34-042419	4/24/2019	<0.0083	U		<0.0082	U		<0.0036	U	UJ	<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
VMP-32	5 ft	VMP-24-34-102219	10/22/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-32-5-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-32-5-043019	4/30/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.091			<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	10 ft	VMP-32-5-072319	7/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0038	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-32-5-072319-DUP	7/23/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-32-5-102419	10/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		0.0012	J	
	20 ft	VMP-32-10-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0031	U		0.009			<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-32-10-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-32-10-072319	7/23/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.00069	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	30 ft	VMP-32-10-102419	10/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-32-20-012319	1/23/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.0039	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-32-20-043019	4/30/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
30 ft	VMP-32-20-072319	7/23/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.014			<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
	VMP-32-30-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U		
	VMP-32-30-050319	5/3/2019	<0.0074	U		<0.0073	U		<0.0032	U		0.056			<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U		
VMP-42	10 ft	VMP-32-30-072319	7/23/2019	<0.0095	U		<0.0094	U		<0.0041	U		0.078			<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-32-30-102419	10/24/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-42-10-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
	20 ft	VMP-42-10-050119	5/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.019			<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-42-10-072319	7/23/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.019			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-42-10-102																									

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-43-10-042919	4/29/2019	<0.0082	U		<0.0081	U		<0.0035	ND,UJ	UJ	0.0042	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-43-10-080119	8/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	20 ft	VMP-43-10-102119	10/21/2019	<0.008	U		<0.0079	U		<0.0034	U		0.00058	J		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-43-20-012919	1/29/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-43-20-042919	4/29/2019	<0.0086	U		<0.0085	U		<0.0037	ND,UJ	UJ	<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-43-20-080119	8/1/2019	<0.0082	U		0.075			<0.0035	U		0.00062	J		<0.035	U		<0.0065	U		<0.0065	U		0.0031	J	
		VMP-43-20-102119	10/21/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.00054	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-43-30-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
	30 ft	VMP-43-30-012919-DUP	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-43-30-042919	4/29/2019	<0.0089	U		<0.0088	U		<0.0038	ND,UJ	UJ	<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-43-30-080119	8/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		0.0017	J	
VMP-43-30-102119		10/21/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
VMP-43-30-102119-DUP		10/21/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
VMP-44	10 ft	VMP-44-10-012219	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-44-10-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-44-10-072319	7/23/2019	<0.0092	U		<0.0091	U		<0.004	U		0.0058			<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-44-10-102419	10/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
	20 ft	VMP-44-20-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-44-20-020419-DUP	2/4/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-44-20-042919	4/29/2019	<0.0083	U		<0.0082	U		<0.0036	ND,UJ	UJ	<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-44-20-072319	7/23/2019	<0.0082	U		0.0079	J		0.0016	J		0.0084			<0.035	U		<0.0065	U		<0.0065	U		0.0016	J	
	30 ft	VMP-44-20-102419	10/24/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-44-30-012219	1/22/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-44-30-042919	4/29/2019	<0.0084	U		<0.0083	U		<0.0036	ND,UJ	UJ	0.0033	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-44-30-072319	7/23/2019	<0.008	U		<0.0079	U		<0.0034	U		0.0028	J		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
VMP-44-30-102419	10/24/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U			
VMP-45	10 ft	VMP-45-10-012219	1/22/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-45-10-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0018	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-45-10-080119	8/1/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-45-10-111519R	11/15/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0032	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	20 ft	VMP-45-20-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-45-20-042519	4/25/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-45-20-080119	8/1/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.0032	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-45-20-102419	10/24/2019	<0.0079	U		0.003	J		<0.0034	U		0.0013	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
	30 ft	VMP-45-30-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		0.0021	J		<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-45-30-052819R	5/28/2019	<0.0091	U		<0.009	U		<0.0039	U		0.007			<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-45-30-080119	8/1/2019	<0.0086	U		0.1			<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-45-30-102419	10/24/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
VMP-45-30-102419-DUP	10/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U			
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.005			<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-47-5-042519	4/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-47-5-072619	7/26/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-47-5-102319	10/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-47-10-012919	1/29/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-47-10-042519	4/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-47-10-072619	7/26/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
	20 ft	VMP-47-10-102319	10/23/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-47-20-012919	1/29/2019	<0.007	U		<0.007	U		<0.003	U		<0.0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
		VMP-47-20-042519	4/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-47-20-072619	7/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-47-20-102319	10/23/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
VMP-47-30-050319		5/3/2019	<0.0082</																								

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-48-5-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.00098	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-48-5-072619	7/26/2019	<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
	10 ft	VMP-48-5-102119	10/21/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-48-10-012319	1/23/2019	<0.0074	U		0.056			<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-48-10-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0029	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-48-10-072619	7/26/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-48-10-102119	10/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-48-10-102119	10/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
	20 ft	VMP-48-20-012319	1/23/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-48-20-102119	10/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-48-20-102119	10/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
30 ft	VMP-48-30-012319	1/23/2019	<0.0076	U		0.0025	J		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U		
	VMP-48-30-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U		
	VMP-48-30-072619	7/26/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
VMP-48-30-102119	10/21/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U			
VMP-49	5 ft	VMP-49-5-020119	2/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-49-5-042919	4/29/2019	<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-49-5-072919	7/29/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
	10 ft	VMP-49-5-101819	10/18/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-49-10-012119	1/21/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-49-10-042919	4/29/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	20 ft	VMP-49-10-072919	7/29/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0026	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-49-10-101819	10/18/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.00091	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-49-20-012119	1/21/2019	<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
	30 ft	VMP-49-20-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-49-20-072919	7/29/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-49-20-101819	10/18/2019	<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U		<0.0074	U	
	30 ft	VMP-49-30-012119	1/21/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-49-30-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	U		0.004	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-49-30-042919-DUP	4/29/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
VMP-49-30-072919	7/29/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U			
VMP-49-30-101819	10/18/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U			
VMP-50	5 ft	VMP-50-5-020519	2/5/2019	<0.0085	U		0.0013	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		0.0084		
		VMP-50-5-042919	4/29/2019	<0.0081	U		<0.008	U		<0.0035	ND,UJ	UJ	0.0021	J		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-50-5-073019	7/30/2019	<0.0081	U		0.012			<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
	10 ft	VMP-50-5-102319	10/23/2019	<0.0082	U	UJ	0.0048	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-50-10-012519	1/25/2019	<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.006	U	
		VMP-50-10-042919	4/29/2019	<0.0088	U		0.0035	J		<0.0038	ND,UJ	UJ	<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	20 ft	VMP-50-10-073019	7/30/2019	<0.009	U		0.025			<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-50-10-102319	10/23/2019	<0.0084	U	UJ	0.01			<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-50-20-020119	2/1/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
	30 ft	VMP-50-20-042919	4/29/2019	<0.0079	U		0.004	J		<0.0034	ND,UJ	UJ	0.98			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-50-20-073019	7/30/2019	<0.0094	U		0.013			<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-50-20-102319	10/23/2019	<0.0091	U	UJ	0.0088	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	30 ft	VMP-50-30-012519	1/25/2019	<0.15	U		<0.15	U		<0.066	U		<0.085	U		<0.67	U		<0.12	U		<0.12	U		<0.12	U	
		VMP-50-30-012519-DUP	1/25/2019	<0.14	U		<0.14	U		<0.06	U		<0.077	U		<0.6											

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			6200			5.4			6600			170000			1.5								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-51-5-050119	5/1/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-51-5-072419	7/24/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.00067	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-51-5-102519	10/25/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	10 ft	VMP-51-10-012319	1/23/2019	<0.0075	U		0.0025	J		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-51-10-050119	5/1/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.071			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-51-10-072419	7/24/2019	<0.0082	U		0.0041	J		<0.0035	U		0.0012	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-51-10-102519	10/25/2019	<0.0084	U		0.0022	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
	20 ft	VMP-51-20-012319	1/23/2019	<0.0073	U		<0.0072	U		<0.0032	U		0.0014	J		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-51-20-050119	5/1/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-51-20-072419	7/24/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.00067	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-51-20-102519	10/25/2019	<0.0086	U		0.0018	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	30 ft	VMP-51-30-012319	1/23/2019	<0.0072	U		<0.0071	U		<0.0031	U		0.00068	J		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-51-30-050119	5/1/2019	<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U	
VMP-51-30-050119-DUP		5/1/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
VMP-51-30-072419		7/24/2019	<0.008	U		<0.0079	U		<0.0034	U		0.0017	J		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-52-5-050219	5/2/2019	<0.17	U		<0.17	U		<0.072	U		<0.093	U		<0.73	U		<0.13	U		<0.13	U		<0.13	U	
		VMP-52-5-072619	7/26/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-52-5-102219	10/22/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-52-10-013119	1/31/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-52-10-072619	7/26/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-52-10-102219	10/22/2019	<0.0085	U		0.0014	J		<0.0036	U		0.00071	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	20 ft	VMP-52-20-013119	1/31/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
		VMP-52-20-050219	5/2/2019	<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
		VMP-52-20-072219	7/22/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.011			<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	30 ft	VMP-52-20-102219	10/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-52-30-013119	1/31/2019	<0.0071	U		<0.007	U		<0.003	U		<0.0039	U		<0.03	U		<0.0056	U		<0.0056	U		<0.0055	U	
VMP-52-30-050219		5/2/2019	<0.0091	U		<0.009	U		<0.0039	U		0.0007	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U		
VMP-52-30-072219		7/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0028	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		0.00092	J		<0.0056	U	
		VMP-53-5-050319	5/3/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-53-5-071919	7/19/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.045			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	10 ft	VMP-53-5-101819	10/18/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-53-10-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-53-10-050319	5/3/2019	<0.029	U		<0.028	U		<0.012	U		0.4			<0.12	U		<0.023	U		<0.023	U		<0.022	U	
		VMP-53-10-071919	7/19/2019	<0.0088	U		<0.0087	U		<0.0038	U		0.0046	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	20 ft	VMP-53-10-101819	10/18/2019	<0.0094	U		0.0026	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-53-20-011819	1/18/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-53-20-050319	5/3/2019	<0.93	U		<0.92	U		<0.4	U		<0.51	U		<4	ND,UJ		<0.74	U		<0.74	U		<0.72	U	
		VMP-53-20-071919	7/19/2019	<0.009	U		<0.0089	U		<0.0039	U		0.0095			<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
	30 ft	VMP-53-20-101819	10/18/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-53-30-013119	1/31/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U	
VMP-53-30-050319		5/3/2019	<0.087	U		<0.086	U		<0.037	U		<0.021	J		<0.38	U		<0.069</									

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene			
				0.55			0.55			6200			5.4			6600			170000			1.5						
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U		
		VMP-54-5-042419	4/24/2019	<0.0078	U		<0.0077	U		<0.0034	U	UJ	<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U		
		VMP-54-5-072219	7/22/2019	<0.0085	U		0.0039	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
	10 ft	VMP-54-5-102219	10/22/2019	<0.0088	U		0.0026	J		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
		VMP-54-10-011819	1/18/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.004	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U		
		VMP-54-10-042419	4/24/2019	<0.0091	U		<0.009	U		<0.0039	U	UJ	<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U		
	20 ft	VMP-54-10-072219	7/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.021			<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-54-10-102219	10/22/2019	<0.0085	U		0.0022	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-54-20-011819	1/18/2019	<0.0076	U		0.002	J		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U		
	30 ft	VMP-54-20-042419	4/24/2019	<0.0077	U		<0.0076	U		<0.0033	U	UJ	<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
		VMP-54-20-072219	7/22/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0033	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
		VMP-54-20-102219	10/22/2019	<0.0091	U		0.0028	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U		
VMP-56	10 ft	VMP-54-30-011819	1/18/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U		
		VMP-54-30-042419	4/24/2019	<0.0076	U		<0.0075	U		<0.0032	U	UJ	<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U		
		VMP-54-30-072219	7/22/2019	<0.0086	U		0.0035	J		<0.0037	U		0.0098			<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
	25 ft	VMP-54-30-102219	10/22/2019	<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U		
		VMP-56-10-012819	1/28/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0038	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U		
		VMP-56-10-050119	5/1/2019	<0.0081	U		<0.008	U		<0.0035	U		0.026			<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U		
	38.5 ft	VMP-56-10-072319	7/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.007			<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
		VMP-56-10-102119	10/21/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U		
		VMP-56-25-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U		
	VMP-62	5 ft	VMP-56-25-012819-DUP	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U		0.0043	J	
			VMP-56-25-050119	5/1/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.00094	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
			VMP-56-25-072319	7/23/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
10 ft	VMP-56-25-102119	10/21/2019	<0.0088	U		<0.0088	U		<0.0038	U		0.061			<0.038	U		<0.007	U		<0.007	U		<0.0069	U			
	VMP-56-38.5-012819	1/28/2019	<610	U		<600	U		<260	U		2800	CN	J	<2600	U		<480	U		<480	U		<480	U			
	VMP-56-38.5-050119	5/1/2019	<340	U		<340	U		<150	U		3700	CN	J	<1500	U		<270	U		<270	U		<270	U			
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U		
		VMP-62-5-042619	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0024	J		<0.036	U		<0.0066	U		<0.0066	U		0.0011	J		
		VMP-62-5-072919	7/29/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
	10 ft	VMP-62-5-102319	10/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
		VMP-62-10-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U		
		VMP-62-10-042619	4/26/2019	<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U		
	20 ft	VMP-62-10-072919	7/29/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U		
		VMP-62-10-072919-DUP	7/29/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-62-10-102319	10/23/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
	30 ft	VMP-62-20-012819	1/28/2019	<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
		VMP-62-20-042619	4/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-62-20-072919	7/29/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U		
VMP-62	30 ft	VMP-62-20-102319	10/23/2019	<0.0085	U		0.003	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
		VMP-62-30-020519	2/5/2019	<0.0086	U		0.0012	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
		VMP-62-30-042619	4/26/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
VMP-62	30 ft	VMP-62-30-042619-DUP	4/26/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		0.0017	J		
		VMP-62-30-072919	7/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U		
		VMP-62-30-102319	10/23/2019	<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U		

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

Location	Depth	Sample ID	Sample Date	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				0.55			0.55			6200			5.4			6600			170000			1.5					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-63-5-042519	4/25/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-63-5-072319	7/23/2019	<0.0092	U		<0.0091	U		<0.004	U		0.0046	J		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
		VMP-63-5-102419	10/24/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	J	U	<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-63-5-102419-DUP	10/24/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0035	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
	10 ft	VMP-63-10-012919	1/29/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-63-10-042519	4/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.042			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-63-10-072319	7/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0044	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-63-10-102419	10/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-63-20-022719R	2/27/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
	30 ft	VMP-63-20-042519	4/25/2019	<0.0081	U		0.045			<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-63-20-042519-DUP	4/25/2019	<0.0078	U		0.044			<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U	
		VMP-63-20-072319	7/23/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.0021	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-63-20-102419	10/24/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-63-30-020419	2/4/2019	<0.008	U		0.0052	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		0.0039	J	
VMP-64	5 ft	VMP-63-30-050319	5/3/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.0022	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-63-30-072319	7/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0051			<0.037	U		<0.0069	U		<0.0069	U		0.001	J	
		VMP-63-30-102419	10/24/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-64-5-012119	1/21/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-64-5-042619	4/26/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		0.0011	J	
	10 ft	VMP-64-5-072519	7/25/2019	<0.0081	U		0.0063	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-64-5-072519-DUP	7/25/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-64-5-102319	10/23/2019	<0.0085	U		<0.0084	U		<0.0036	U		0.001	J		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-64-10-012119	1/21/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-64-10-042619	4/26/2019	<0.008	U		0.0021	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
	20 ft	VMP-64-10-072519	7/25/2019	<0.0085	U		0.0011	J		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-64-10-102319	10/23/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-64-20-012119	1/21/2019	<0.0077	U		0.14			<0.0033	U		0.0054			<0.033	U		<0.0061	U		<0.0061	U		0.0027	J	
		VMP-64-20-042619	4/26/2019	<0.0079	U		0.024			<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-64-20-072519	7/25/2019	<0.0089	U		0.062			<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
VMP-64-20-102319	10/23/2019	<0.0088	U		0.14			<0.0038	U		<0.0049	U		<0.038	U		0.0017	J		<0.007	U		<0.0069	U			

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	0.0013	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-5-043019	4/30/2019	0.0014	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-5-072319	7/23/2019	0.0016	J		<0.0066	U		<0.0066	U		0.0014	J		<0.0034	U		0.0024	J		<0.0058	U	
		VMP-1-5-102419	10/24/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		0.00071	J		0.00072	J		<0.0055	U	
	8.5 ft	VMP-1-8.5-012319	1/23/2019	0.0012	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-8.5-043019	4/30/2019	0.0012	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-1-8.5-072319	7/23/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0031	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-1-8.5-102419	10/24/2019	<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0072	U		<0.012	U		<0.012	U	
	23.5 ft	VMP-1-8.5-102419-DUP	10/24/2019	<0.0071	U		<0.0062	U		<0.0062	J	U	<0.0059	U		<0.0032	U		0.0016	J		0.00041	J	
		VMP-1-8.5-111519R	11/15/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-1-23.5-012319	1/23/2019	0.0015	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-1-23.5-012319-DUP	1/23/2019	0.0012	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
VMP-2	5 ft	VMP-2-5-012319	1/23/2019	0.0013	J		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-2-5-042619	4/26/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0016	J		<0.0054	U	
		VMP-2-5-072519	7/25/2019	0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-2-5-102119	10/21/2019	0.00094	J		<0.0057	U		<0.0057	U		0.052			<0.003	U		<0.005	U		<0.005	U	
	8.5 ft	VMP-2-8.5-012319	1/23/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-2-8.5-042619	4/26/2019	0.0011	J		<0.0059	U		<0.0059	U		0.39			<0.0031	U		0.055			0.015		
		VMP-2-8.5-072519	7/25/2019	0.0012	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-2-8.5-102119	10/21/2019	0.0012	J		<0.0058	U		<0.0058	U		0.0042	J		<0.003	U		<0.0052	U		<0.0052	U	
	22 ft	VMP-2-22-012319	1/23/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-2-22-042619	4/26/2019	0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-2-22-042619-DUP	4/26/2019	0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-2-22-072519	7/25/2019	0.0012	J		<0.006	U		<0.006	U		0.0015	J		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0013	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-3-5-042919	4/29/2019	0.0026	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-3-5-072519	7/25/2019	0.00074	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-5-101819	10/18/2019	0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	10 ft	VMP-3-10-020119	2/1/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-10-042919	4/29/2019	0.0021	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-3-10-072519	7/25/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0011	J		<0.0054	U	
		VMP-3-10-072519-DUP	7/25/2019	0.00086	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
	22 ft	VMP-3-10-101819	10/18/2019	<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-3-22-012419	1/24/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.008			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-22-042919	4/29/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-3-22-072519	7/25/2019	0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
31.5 ft	VMP-3-22-101819	10/18/2019	0.0012	J		<0.0062	U		<0.0062	U		0.024			<0.0032	U		0.031			0.01			
	VMP-3-31.5-012419	1/24/2019	0.026			<0.0055	U		<0.0055	U		0.0019	J		<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-3-31.5-042919	4/29/2019	0.023			0.0026	J		<0.0058	U		0.0031	J		<0.003	U		0.011			0.003	J		
	VMP-3-31.5-072519	7/25/2019	0.016			<0.0064	U		<0.0064	U		0.0012	J		<0.0033	U		0.0012	J		<0.0057	U		
39 ft	VMP-3-31.5-101819	10/18/2019	<20	U		<18	U		<18	U		570			<9.3	U		7	J		<16	U		
	VMP-3-31.5-101819-DUP	10/18/2019	<20	U		<17	U		<17	U		610			<9.1	U		4	J		<15	U		
	VMP-3-39-012419	1/24/2019	0.042			<0.0052	U		<0.0052	U		0.0017	J		<0.0027	U		<0.0046	U		<0.0046	U		
	VMP-3-39-012419-DUP	1/24/2019	0.039			<0.0051	U		<0.0051	U		0.0039	J		<0.0026	U		0.0013	J		<0.0045	U		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-4-5-043019	4/30/2019	0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-5-072519	7/25/2019	0.00085	J		<0.0062	U		<0.0062	U		0.0013	J		<0.0032	U		0.0012	J		<0.0054	U	
	12 ft	VMP-4-5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-12-012119	1/21/2019	<0.0061	U		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-4-12-043019	4/30/2019	<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
	23.5 ft	VMP-4-12-072519	7/25/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-4-12-102119	10/21/2019	0.00064	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-23.5-012119	1/21/2019	<0.0058	U		<0.0051	U		<0.0051	U		0.0048			<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-4-23.5-043019	4/30/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0012	J		<0.0055	U	
VMP-5	5 ft	VMP-4-23.5-072519	7/25/2019	0.0011	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0029	J		0.0019	J	
		VMP-4-23.5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-5-5-012219	1/22/2019	0.0014	J		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U		0.17			0.015		
		VMP-5-5-050119	5/1/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-5-072419	7/24/2019	0.0014	J		<0.0059	U		<0.0059	U		0.0022	J		<0.0031	U		<0.0052	U		<0.0052	U	
	12.5 ft	VMP-5-5-072419-DUP	7/24/2019	0.0011	J		<0.0058	U		<0.0058	U		0.002	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-5-5-102119	10/21/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-5-12.5-012219	1/22/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-5-12.5-050119	5/1/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-12.5-072419	7/24/2019	0.0011	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
31 ft	VMP-5-12.5-102119	10/21/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-5-31-012219	1/22/2019	0.0013	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-5-31-050119	5/1/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
	VMP-5-31-072419	7/24/2019	0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.00096	J		<0.0052	U		
40 ft	VMP-5-31-102119	10/21/2019	<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U		
	VMP-5-40-020419	2/4/2019	0.0077			0.0036	J		<0.0061	U		0.029			<0.0032	U		0.0016	J		<0.0054	U		
VMP-6	5 ft	VMP-5-40-050119	5/1/2019	0.0039	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-6-5-013119	1/31/2019	<0.0061	U		<0.0053	U		<0.0053	U		0.12			<0.0028	U		0.049			0.015		
		VMP-6-5-042519	4/25/2019	<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.0033	J		<0.0049	U	
		VMP-6-5-072219	7/22/2019	<0.0079	U		<0.0069	U		<0.0069	U		<0.0036	J		<0.0036	U		0.0042	J		<0.0061	U	
	10 ft	VMP-6-5-102519	10/25/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-6-10-012219	1/22/2019	0.0012	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-6-10-042519	4/25/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-6-10-072219	7/22/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	31.5 ft	VMP-6-10-102519	10/25/2019	0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-31.5-020119	2/1/2019	<0.013	U		0.074			0.037			1.8			<0.0057	U		3			1		
VMP-6-31.5-042519		4/25/2019	<0.0073	U		0.028			0.013			1			<0.0033	U		1.5			0.47			
39 ft	VMP-6-31.5-072219	7/22/2019	<0.0074	U		<0.0065	U		<0.0065	U		0.0044	J		<0.0034	U		0.0067			0.0024	J		
	VMP-6-31.5-102519	10/25/2019	0.0044	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-6-39-012219	1/22/2019	0.0013	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		0.00078	J		<0.0048	U		
VMP-7	5 ft	VMP-6-39-042519	4/25/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-7-5-012219	1/22/2019	0.0013	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-7-5-042519	4/25/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-5-072319	7/23/2019	<0.0068	U		0.0052	J		<0.0059	U		0.0025	J		<0.0031	U		0.0058			0.0022	J	
		VMP-7-5-072319-DUP	7/23/2019	0.0012	J		<0.0055	U		<0.0055	U		<0.0017	J		<0.0029	U		0.002	J		<0.0049	U	
	13.5 ft	VMP-7-5-102419	10/24/2019	0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-020119	2/1/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-042519	4/25/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	29.5 ft	VMP-7-13.5-072319	7/23/2019	<0.0068	U		0.0083			0.0048	J		0.45			<0.0031	U		0.4			0.12		
		VMP-7-13.5-102419	10/24/2019	0.0014	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
VMP-7-29.5-020119		2/1/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
VMP-7-29.5-042519		4/25/2019	<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U		
VMP-7-29.5-072319		7/23/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0065												

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-011819	1/18/2019	0.0014	J		<0.0052	U		<0.0052	U		0.001	J		<0.0027	U		0.0011	J		<0.0046	U	
		VMP-8-5-042419	4/24/2019	<0.0065	U		<0.0057	U		<0.0057	U		0.014			<0.003	U		<0.005	U		<0.005	U	
		VMP-8-5-072219	7/22/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.012			<0.0029	U		<0.005	U		<0.005	U	
	9.5 ft	VMP-8-5-101819	10/18/2019	<0.0068	U		<0.006	U		<0.006	U		0.001	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-9.5-011819	1/18/2019	<0.0061	U		<0.0053	U		<0.0053	U		0.0048	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-8-9.5-042419	4/24/2019	<0.0065	U		0.025			0.011			1.1			<0.003	U		0.72			0.24		
	35.5 ft	VMP-8-9.5-072219	7/22/2019	<0.0065	U		0.011			0.0047	J		0.51			<0.003	U		0.42			0.14		
		VMP-8-9.5-101819	10/18/2019	0.0012	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-8-23.5-022719R	2/27/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-8-23.5-042419	4/24/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-8-23.5-072219	7/22/2019	<0.0072	U		<0.0063	U		<0.0063	U		0.0031	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-8-23.5-101819	10/18/2019	0.0018	J		<0.0062	U		<0.0062	U		0.012			<0.0032	U		<0.0055	U		<0.0055	U	
	35.5 ft	VMP-8-35.5-011819	1/18/2019	<0.0058	U		<0.0051	U		<0.0051	U		0.0013	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-8-35.5-042419	4/24/2019	<0.0067	U		0.014		J	0.0076			0.005	J		<0.003	U		0.016		J	0.013		J
VMP-8-35.5-042419-DUP		4/24/2019	<0.0064	U		<0.0056	U	UJ	<0.0056	U		0.0018	J		<0.0029	U		<0.005	U	UJ	<0.005	U	UJ	
VMP-8-35.5-072219		7/22/2019	<0.0068	U		<0.0059	U		<0.0059	U		0.011			<0.0031	U		0.0015	J		<0.0052	U		
VMP-8-35.5-072219-DUP		7/22/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
VMP-8-35.5-101819		10/18/2019	0.0012	J		<0.0058	U		<0.0058	U		0.0043	J		<0.003	U		<0.0051	U		<0.0051	U		
VMP-9	5 ft	VMP-9-5-012519	1/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-9-5-042419	4/24/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-9-5-071919	7/19/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.002	J		<0.0053	U	
		VMP-9-5-102519	10/25/2019	<0.007	U		<0.0061	U		<0.0061	U		0.003	J		<0.0032	U		<0.0054	U		<0.0054	U	
	11.5 ft	VMP-9-11.5-013119	1/31/2019	<0.006	U		<0.0053	U		<0.0053	U		0.0038	J		<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-9-11.5-042419	4/24/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-11.5-071919	7/19/2019	0.0014	J		<0.0063	U		<0.0063	U		0.063			<0.0033	U		0.021			0.005	J	
		VMP-9-11.5-102519	10/25/2019	<0.0074	U		<0.0064	U		<0.0064	U		0.0014	J		<0.0033	U		<0.0057	U		<0.0057	U	
	25.5 ft	VMP-9-25.5-011819	1/18/2019	<0.006	U		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-9-25.5-042419	4/24/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-9-25.5-071919	7/19/2019	<0.007	U		<0.0062	U		<0.0062	U		0.0043	J		<0.0032	U		0.0024	J		<0.0054	U	
		VMP-9-25.5-071919-DUP	7/19/2019	<0.0076	U		<0.0066	U		<0.0066	U		0.004	J		<0.0034	U		0.0032	J		<0.0058	U	
	38.5 ft	VMP-9-25.5-102519	10/25/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-38.5-011819	1/18/2019	<0.006	U		<0.0052	U		<0.0052	U		0.017			<0.0027	U		<0.0046	U		<0.0046	U	
VMP-9-38.5-011819-DUP		1/18/2019	<0.0061	U		<0.0053	U		<0.0053	U		0.02			<0.0028	U		<0.0047	U		<0.0047	U		
VMP-9-38.5-042419		4/24/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
VMP-18	8.5 ft	VMP-9-38.5-042419-DUP	4/24/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-012519	1/25/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-18-8.5-043019	4/30/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-072619	7/26/2019	0.00095	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-072619-DUP	7/26/2019	0.00094	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-18-8.5-102319	10/23/2019	0.0026	J	J	<0.0062	U		<0.0062	U		0.0028	J		<0.0032	U		0.0023	J		<0.0055	U	
VMP-19	5 ft	VMP-18-8.5-102319-DUP	10/23/2019	0.002	J	J	<0.0064	U		<0.0064	U		0.0014	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-19-5-012219	1/22/2019	0.0014	J		<0.0051	U		<0.0051	U		0.0037	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-19-5-043019	4/30/2019	0.0011	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-19-5-043019-Dup	4/30/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-19-5-073119	7/31/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
VMP-19-5-111519R	11/15/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U			

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	<0.29	U		<0.25	U		<0.25	U		71			<0.13	U		0.045	J		0.17	J	
		VMP-20-5-042619	4/26/2019	<0.013	U		<0.012	U		<0.012	U		4.1			<0.0061	U		<0.01	U		<0.01	U	
		VMP-20-5-072219	7/22/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.0035	J		<0.003	U		0.0062			<0.0052	U	
	10 ft	VMP-20-10-012119	1/21/2019	<0.079	U		<0.069	U		0.03	J		21			<0.036	U		<0.061	U		0.048	J	
		VMP-20-10-042619	4/26/2019	0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-10-072219	7/22/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.002	J		<0.003	U		0.0051	J		<0.0052	U	
	25 ft	VMP-20-10-102319	10/23/2019	0.0014	J	J	<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-20-25-012119	1/21/2019	0.0027	J		<0.0052	U		<0.0052	U		0.0046	J		<0.0027	U		0.00081	J		<0.0046	U	
		VMP-20-25-012119-DUP	1/21/2019	0.0028	J		<0.0051	U		<0.0051	U		0.0039	J		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-20-25-042619	4/26/2019	0.0016	J		<0.0058	U		<0.0058	U		0.0012	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-20-25-072619	7/26/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-20-25-102319	10/23/2019	0.0061	J	J	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
39.5 ft	VMP-20-25-102319-DUP	10/23/2019	0.0041	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
	VMP-20-39.5-020519	2/5/2019	0.011			<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0039	J		<0.0054	J	U	
		VMP-20-39.5-042619	4/26/2019	0.0086			<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0096			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-21-5-042619	4/26/2019	0.0013	J		<0.0061	U		<0.0061	U		0.031			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-5-072919	7/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-21-5-102319	10/23/2019	0.0015	J		<0.0071	U		<0.0071	U		0.0056	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-10-012119	1/21/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-21-10-042619	4/26/2019	0.001	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-10-072919	7/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-10-072919-DUP	7/29/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-10-102319	10/23/2019	0.0025	J		<0.0058	U		<0.0058	U		0.0022	J		<0.003	U		<0.0052	U		<0.0052	U	
	25 ft	VMP-21-10-102319-DUP	10/23/2019	0.0012	J		<0.0061	U		<0.0061	U		0.0017	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-25-012119	1/21/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-21-25-042619	4/26/2019	0.0016	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-25-072919	7/29/2019	<0.0072	U		0.0034	J		<0.0063	U		<0.006	U		<0.0033	U		0.0042	J		<0.0056	U	
		VMP-21-25-102319	10/23/2019	0.0015	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-33-012119	1/21/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.0024	J	J	<0.003	U		<0.0052	U		<0.0052	U	
	33 ft	VMP-21-33-012119-DUP	1/21/2019	<0.0058	U		<0.005	U		<0.005	U		0.12		J	<0.0026	U		0.00081	J		<0.0044	U	
		VMP-21-33-042619	4/26/2019	0.0013	J		<0.0059	U		<0.0059	U		0.0021	J		<0.0031	U		0.0015	J		<0.0052	U	
		VMP-21-33-072919	7/29/2019	<0.0067	U		0.0021	J		<0.0058	U		0.0073			<0.003	U		<0.0052	U		<0.0052	U	
VMP-21-33-102319		10/23/2019	0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
VMP-22-5-012819		1/28/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
5 ft	VMP-22-5-043019	4/30/2019	0.0012	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U		
	VMP-22-5-072419	7/24/2019	0.0012	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.0011	J		<0.0057	U		
	VMP-22-5-102319	10/23/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-22-10-012819	1/28/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
	VMP-22-10-072419	7/24/2019	0.00097	J		<0.0061	U		<0.0061	U		0.0037	J		<0.0032	U		0.0019	J		<0.0054	U		
	VMP-22-10-102319	10/23/2019	0.0023	J	J	<0.0061	U		<0.0061	U		0.0041	J		<0.0032	U		<0.0054	U		<0.0054	U		
18 ft	VMP-22-18-012819	1/28/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0048	J		<0.0028	U		<0.0048	U		<0.0048	U		
	VMP-22-18-043019	4/30/2019	0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
	VMP-22-18-072419	7/24/2019	0.0013	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U		
	VMP-22-18-102319	10/23/2019	0.0021	J	J	<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
38 ft	VMP-22-38-012819	1/28/2019	<0.0065	U		<0.0057	U		<0.0057	U		0.0013	J		<0.003	U		<0.005	U		<0.005	U		
	VMP-22-38-012819-DUP	1/28/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
	VMP-22-38-043019	4/30/2019	0.0012	J		0.017			0.0053	J		0.02			<0.003	U		0.038			0.012			
	VMP-22-38-072419	7/24/2019	0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-22-38-102319	10/23/2019	0.0026	J	J	<0.0058	U		<0.0058	U		0.0062			<0.003	U		<0.0051	U		<0.0051	U			

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			
				860												0.29			130			120			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-23-5-042919	4/29/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
		VMP-23-5-072419	7/24/2019	0.0012	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		0.0013	J		<0.0056	U		
	10 ft	VMP-23-10-012319	1/23/2019	0.0014	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U		
		VMP-23-10-042919	4/29/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
		VMP-23-10-072419	7/24/2019	0.0012	J		0.00076	J		<0.0061	U		0.0013	J		<0.0032	U		<0.0054	U		<0.0054	U		
	25 ft	VMP-23-10-102419	10/24/2019	0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-23-25-012319	1/23/2019	0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-23-25-042919	4/29/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
	40 ft	VMP-23-25-072419	7/24/2019	0.0016	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0013	J		<0.0052	U		
		VMP-23-25-102419	10/24/2019	0.0012	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
		VMP-23-40-012319	1/23/2019	0.0017	J		<0.0053	U		<0.0053	U		0.0037	J	J	<0.0027	U		<0.0047	U		<0.0047	U		
VMP-23-40-012319-DUP		1/23/2019	0.0019	J		<0.0054	U		<0.0054	U		0.96	J	J	<0.0028	U		<0.0048	U		<0.0048	U			
VMP-24	5 ft	VMP-23-40-042919	4/29/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U		
		VMP-23-40-042919-DUP	4/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-24-5-012419	1/24/2019	<0.0061	U		<0.0054	U		<0.0054	U		0.0077	J		<0.0028	U		<0.0047	U		<0.0047	U		
	10 ft	VMP-24-5-012419-DUP	1/24/2019	<0.0065	U		<0.0056	U		<0.0056	U		0.0026	J		<0.0029	U		<0.005	U		<0.005	U		
		VMP-24-5-042419	4/24/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0042	J		<0.0054	U		
		VMP-24-5-102219	10/22/2019	0.0011	J		0.00085	J		<0.0061	U		0.0051	J		<0.0032	U		<0.0054	U		<0.0054	U		
	22 ft	VMP-24-10-012419	1/24/2019	<0.0061	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U		
		VMP-24-10-042419	4/24/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-24-10-102219	10/22/2019	0.0013	J		<0.0056	U		<0.0056	U		0.0037	J		<0.0029	U		<0.005	U		<0.005	U		
	34 ft	VMP-24-22-012419	1/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-24-22-042419	4/24/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
		VMP-24-22-102219	10/22/2019	0.0018	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
VMP-32	5 ft	VMP-24-34-012419	1/24/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-24-34-042419	4/24/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-24-34-102219	10/22/2019	0.001	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U		
VMP-32	10 ft	VMP-32-5-012319	1/23/2019	<0.006	U		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-32-5-043019	4/30/2019	0.0011	J		0.0023	J		0.00087	J		0.0044	J		<0.0031	U		0.012	J		0.004	J		
		VMP-32-5-072319	7/23/2019	0.00086	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0022	J		<0.0055	U		
	20 ft	VMP-32-5-072319-DUP	7/23/2019	0.001	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0011	J		<0.0054	U		
		VMP-32-5-102419	10/24/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-32-10-012319	1/23/2019	0.0014	J		<0.0052	U		<0.0052	U		<0.0091	J		<0.0027	U		0.005	J		0.0017	J		
	30 ft	VMP-32-10-043019	4/30/2019	0.0012	J		<0.0059	U		<0.0059	U		0.0089	J		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-32-10-072319	7/23/2019	0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-32-10-102419	10/24/2019	0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
	VMP-42	10 ft	VMP-32-20-012319	1/23/2019	0.0012	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		0.00083	J		<0.0047	U	
			VMP-32-20-043019	4/30/2019	0.0011	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
			VMP-32-20-072319	7/23/2019	<0.0072	U		<0.0063	U		<0.0063	U		0.0017	J		<0.0033	U		0.0018	J		<0.0056	U	
20 ft		VMP-32-30-012319	1/23/2019	0.0013	J		<0.0052	U		<0.0053	U		0.014	J		<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-32-30-050319	5/3/2019	<0.006	U		0.0058	J		<0.0053	U		0.0028	J	J	<0.0027	U		0.0095	J		0.0034	J		
		VMP-32-30-072319	7/23/2019	0.0015	J		<0.0068	U		<0.0068	U		0.022	J		<0.0035	U		0.0086	J		<0.006	U		
30 ft		VMP-32-30-102419	10/24/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-42-10-012519	1/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U		
		VMP-42-10-050119	5/1/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0047	J		<0.0052	U		
		VMP-42-10-072319	7/23/2019	0.0011	J		0.0022	J		<0.0061	U		0.012	J		<0.0032	U		0.0056	J		0.0018	J		
		VMP-42-10-102119	10/21/2019	0.0015	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-42-20-020519	2/5/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-42-20-050119	5/1/2019	<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U			
	VMP-42-20-072319	7/23/2019	0.0015	J		<0.0059	U		<0.0059	U		0.0015	J		<0.0031	U		0.0015	J		<0.0052	U			
	VMP-42-20-102119	10/21/2019	0.0012	J		<0.0061	U		<0.0061	U		0.0091	J		<0.0032	U		<0.0054	U		<0.0054	U			
VMP-42-3																									

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			
				860												0.29			130			120			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-43	10 ft	VMP-43-10-012919	1/29/2019	0.0012	J		0.1			0.0065			0.76			<0.0029	U		0.0014	J		0.0013	J		
		VMP-43-10-042919	4/29/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0018	J		<0.0052	U		
		VMP-43-10-080119	8/1/2019	0.00094	J		<0.0058	U		<0.0058	U		0.0018	J		<0.003	U		<0.0052	U		<0.0052	U		
	20 ft	VMP-43-10-102119	10/21/2019	0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
		VMP-43-20-012919	1/29/2019	0.0014	J		<0.0052	U		<0.0052	U		0.33			<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-43-20-042919	4/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
	30 ft	VMP-43-20-080119	8/1/2019	0.00075	J		<0.0058	U		<0.0058	U		0.0015	J		<0.003	U		<0.0052	U		<0.0052	U		
		VMP-43-20-102119	10/21/2019	0.0015	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-43-30-012919	1/29/2019	0.0012	J		<0.0054	U		<0.0054	U		0.0072			<0.0028	U		<0.0048	U		<0.0048	U		
		VMP-43-30-012919-DUP	1/29/2019	0.0013	J		<0.0055	U		<0.0055	U		0.0073			<0.0029	U		<0.0049	U		<0.0049	U		
		VMP-43-30-042919	4/29/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U		
		VMP-43-30-080119	8/1/2019	0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
VMP-44	10 ft	VMP-44-10-012219	1/22/2019	<0.0058	U		<0.0051	U		<0.0051	U		0.022			<0.0026	U		<0.0045	U		<0.0045	U		
		VMP-44-10-042919	4/29/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U		
		VMP-44-10-072319	7/23/2019	<0.0076	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0034	U		0.0026	J		<0.0058	U		
		VMP-44-10-102419	10/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0031	J		<0.0029	U		<0.005	U		<0.005	U		
	20 ft	VMP-44-20-020419	2/4/2019	0.0014	J		<0.0059	U		<0.0059	U		<0.0023	J		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-44-20-020419-DUP	2/4/2019	0.0015	J		<0.0062	U		<0.0062	U		0.0028	J		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-44-20-042919	4/29/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-44-20-072319	7/23/2019	0.0013	J		0.072			0.062			0.004	J		<0.003	U		0.016			0.026			
	30 ft	VMP-44-20-102419	10/24/2019	<0.0065	U		<0.0057	U		<0.0057	U		0.0014	J		<0.003	U		<0.005	U		<0.005	U		
		VMP-44-30-012219	1/22/2019	0.0012	J		<0.0052	U		<0.0052	U		0.029			<0.0027	U		<0.0046	U		<0.0046	U		
		VMP-44-30-042919	4/29/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
		VMP-44-30-072319	7/23/2019	0.0011	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		0.0012	J		<0.005	U		
VMP-45	10 ft	VMP-44-30-102419-DUP	10/21/2019	0.0011	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-45-10-012219	1/22/2019	0.0015	J		<0.0058	U		0.0022	J		0.03			<0.003	U		<0.0051	U		0.0014	J		
		VMP-45-10-042519	4/25/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0023	J		<0.0053	U		
		VMP-45-10-080119	8/1/2019	0.00088	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0014	J		<0.0055	U		
	20 ft	VMP-45-10-111519R	11/15/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0017	J		<0.0054	U		
		VMP-45-20-012219	1/22/2019	0.0014	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U		
		VMP-45-20-042519	4/25/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-45-20-080119	8/1/2019	0.001	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
	30 ft	VMP-45-20-102419	10/24/2019	0.0011	J		<0.0056	U		<0.0056	J	U	0.0057			<0.0029	U		0.002	J		<0.005	U		
		VMP-45-30-012219	1/22/2019	0.0013	J		<0.0054	U		<0.0054	U		0.003	J		<0.0028	U		0.0012	J		<0.0048	U		
		VMP-45-30-052819R	5/28/2019	<0.0074	U		0.0037	J		<0.0065	U		0.036			<0.0034	U		0.0062			0.0023	J		
		VMP-45-30-080119	8/1/2019	0.00091	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
VMP-47	5 ft	VMP-45-30-102419	10/24/2019	0.0037	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
		VMP-45-30-102419-DUP	10/24/2019	0.0039	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.0014	J		<0.005	U		
		VMP-47-5-012919	1/29/2019	<0.0063	U		0.21			0.022			0.22			<0.0029	U		0.0063			0.0019	J		
		VMP-47-5-042519	4/25/2019	<0.0068	U		<0.0059	U		<0.0059	U		0.0031	J		<0.0031	U		<0.0052	U		<0.0052	U		
	10 ft	VMP-47-5-072619	7/26/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-47-5-102319	10/23/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-47-10-012919	1/29/2019	0.0012	J		0.0039	J		<0.0058	U		0.015			<0.003	U		<0.0052	U		<0.0052	U		
		VMP-47-10-042519	4/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U		
	20 ft	VMP-47-10-072619	7/26/2019	0.0013	J		<0.0063	U		<0.0063	U		0.0022	J		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-47-10-102319	10/23/2019	0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0008	J		<0.0057	U		
		VMP-47-20-012919	1/29/2019	0.0013	J		<0.005	U		<0.005	U		<0.0048	U		<0.0026	U		<0.0044	U		<0.0044	U		
		VMP-47-20-042519	4/25/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
30 ft	VMP-47-20-072619	7/26/2019	0.0011	J		<0.0061	U		<0.0061	U		<0.0096			<0.0032	U		<0.0054	U		<0.0054	U			
	VMP-47-20-102319	10/23/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U			
	VMP-47-30-050319	5/3/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U			
	VMP-47-30-072619	7/26/2019	0.0013	J		<0.0062	U		<0.0062</																

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-48	5 ft	VMP-48-5-012319	1/23/2019	0.0013	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-48-5-042619	4/26/2019	0.0016	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-48-5-072619	7/26/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-48-5-102119	10/21/2019	0.00094	J		<0.0062	U		<0.0062	U		0.013			<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-48-10-012319	1/23/2019	<0.0061	U		<0.0053	U		<0.0053	U		0.0016	J		<0.0028	U		0.0015	J		<0.0047	U	
		VMP-48-10-042619	4/26/2019	0.0016	J		<0.0059	U		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-10-072619	7/26/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-10-102119	10/21/2019	0.0013	J		<0.0058	U		<0.0058	U		0.0011	J		<0.003	U		<0.0052	U		<0.0052	U	
	20 ft	VMP-48-20-012319	1/23/2019	0.0014	J		<0.0052	U		<0.0052	U		0.0078			<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-48-20-102119	10/21/2019	0.002	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-48-30-012319	1/23/2019	0.021			<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-48-30-042619	4/26/2019	0.019			<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
30 ft	VMP-48-30-072619	7/26/2019	0.016			<0.0061	U		<0.0061	U		0.0019	J		<0.0032	U		0.0015	J		<0.0054	U		
	VMP-48-30-102119	10/21/2019	0.016			<0.0063	U		<0.0063	U		0.022			<0.0033	U		<0.0056	U		<0.0056	U		
	VMP-49-5-020119	2/1/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-49-5-042919	4/29/2019	0.0019	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-49	5 ft	VMP-49-5-072919	7/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-5-101819	10/18/2019	<0.0068	U		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-49-10-012119	1/21/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-49-10-042919	4/29/2019	0.002	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0017	J		<0.0051	U	
	10 ft	VMP-49-10-072919	7/29/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-10-101819	10/18/2019	0.0015	J		0.0012	J		<0.0059	U		0.0022	J		<0.003	U		0.00094	J		<0.0052	U	
		VMP-49-20-012119	1/21/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-49-20-042919	4/29/2019	0.0018	J		<0.0058	U		<0.0058	U		0.0075			<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-49-20-072919	7/29/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0058			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-20-101819	10/18/2019	<0.0078	U		<0.0068	U		<0.0068	U		0.0066			<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-30-012119	1/21/2019	<0.0058	U		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-49-30-042919	4/29/2019	0.0037	J		<0.0058	U		<0.0058	U		0.0041	J		<0.003	U		<0.0051	U		<0.0051	U	
30 ft	VMP-49-30-042919-DUP	4/29/2019	0.0032	J		<0.0063	U		<0.0063	U		0.0026	J		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-49-30-072919	7/29/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
	VMP-49-30-101819	10/18/2019	0.0023	J		<0.0065	U		<0.0065	U		0.003	J		<0.0034	U		<0.0058	U		<0.0058	U		
	VMP-50-5-020519	2/5/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
VMP-50	5 ft	VMP-50-5-042919	4/29/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.014			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-50-5-073019	7/30/2019	0.0013	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-50-5-102319	10/23/2019	0.0016	J	J	<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-50-10-012519	1/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
	10 ft	VMP-50-10-042919	4/29/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-50-10-073019	7/30/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-50-10-102319	10/23/2019	0.0022	J	J	<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-50-20-020119	2/1/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-50-20-042919	4/29/2019	<0.0065	U		0.017			0.007			0.89			<0.0029	U		0.8			0.26		
		VMP-50-20-073019	7/30/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-20-102319	10/23/2019	<0.0074	U		<0.0065	U		<0.0065	U		0.048			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-50-30-012519	1/25/2019	<0.13	U		<0.11	U		0.26			9.1			<0.058	U		0.15			0.044	J	
30 ft	VMP-50-30-012519-DUP	1/25/2019	<0.12	U		<0.1	U		0.26			8.8			<0.052	U		0.15			0.044	J		
	VMP-50-30-042919	4/29/2019	<0.069	U		<0.06	U		0.18			6.5			<0.031	U		0.1			0.053			
	VMP-50-30-073019	7/30/2019	<0.14	U		<0.12	U		0.24			8.9			<0.065	U		0.092	J		0.05	J		
	VMP-50-30-102319	10/23/2019	<0.071	U		<0.062	U		0.19			6.4			<0.032	U		0.049	J		0.036	J		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-51-5-050119	5/1/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-5-072419	7/24/2019	0.002	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	VMP-51-5-102519	10/25/2019	<0.0074	U		<0.0065	U		<0.0065	U		0.0013	J		<0.0034	U		<0.0057	U		<0.0057	U		
	10 ft	VMP-51-10-012319	1/23/2019	0.0012	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		0.0016	J		<0.0047	U	
		VMP-51-10-050119	5/1/2019	<0.0065	U		<0.0057	U		<0.0057	U		0.11	JO	J	<0.003	U		0.014			0.0036	J	
		VMP-51-10-072419	7/24/2019	0.0018	J		<0.0058	U		<0.0058	U		0.0014	J		<0.003	U		0.00089	J		<0.0052	U	
	20 ft	VMP-51-10-102519	10/25/2019	0.0012	J		<0.006	U		<0.006	U		0.00095	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-51-20-012319	1/23/2019	0.0012	J		<0.0052	U		<0.0053	U		0.0039	J		<0.0027	U		0.0068			0.0015	J	
		VMP-51-20-050119	5/1/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0076	JO	J	<0.0028	U		<0.0048	U		<0.0048	U	
	30 ft	VMP-51-20-072419	7/24/2019	0.002	J		<0.0063	U		<0.0063	U		0.015			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-20-102519	10/25/2019	0.0016	J		<0.0062	U		<0.0062	U		0.0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-30-012319	1/23/2019	0.0015	J		<0.0052	U		<0.0052	U		0.0036	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-51-30-050119	5/1/2019	<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
VMP-51-30-050119-DUP		5/1/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
VMP-52	5 ft	VMP-51-30-072419	7/24/2019	0.0016	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		0.0013	J		<0.005	U	
		VMP-51-30-102519	10/25/2019	0.0019	J		<0.006	U		<0.006	U		0.0012	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-51-30-102519-DUP	10/25/2019	0.0018	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-5-013119	1/31/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-52-5-050219	5/2/2019	<0.14	U		<0.12	U		<0.12	U		<0.11	U		<0.063	U		<0.11	U		<0.11	U	
	10 ft	VMP-52-5-072619	7/26/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-5-072619-DUP	7/26/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-5-102219	10/22/2019	0.0019	J		<0.0063	U		<0.0063	U		0.011			<0.0033	U		<0.0056	U		<0.0056	U	
	20 ft	VMP-52-10-013119	1/31/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-52-10-072619	7/26/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-10-102219	10/22/2019	0.002	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0021	J		<0.0054	U	
	30 ft	VMP-52-20-013119	1/31/2019	<0.006	U		<0.0052	U		<0.0053	U		0.0012	J		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-52-20-013119-DUP	1/31/2019	<0.006	U		<0.0052	U		0.0035	J		0.0022	J		<0.0027	U		0.00091	J		<0.0046	U	
		VMP-52-20-050219	5/2/2019	0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-52-20-072219		7/22/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.0054	J		<0.0033	U		0.0036	J		<0.0056	U		
VMP-53	5 ft	VMP-52-20-102219	10/22/2019	0.00096	J		<0.0061	U		<0.0061	U		0.003	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-013119	1/31/2019	<0.0058	U		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-52-30-050219	5/2/2019	0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-30-072219	7/22/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0035	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-102219	10/22/2019	0.0015	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
VMP-53	10 ft	VMP-52-30-102219-DUP	10/22/2019	0.0014	J		<0.0062	U		<0.0062	U		0.0039	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-53-5-011819	1/18/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-53-5-050319	5/3/2019	<0.007	U		<0.0061	U		<0.0061	U		0.084	JO	J	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-5-050319-DUP	5/3/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.083	JO	J	<0.003	U		<0.0051	U		<0.0051	U	
		VMP-53-5-071919	7/19/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0055	J		<0.0032	U		0.01			0.0032	J	
	20 ft	VMP-53-5-101819	10/18/2019	0.0012	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-53-10-011819	1/18/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-53-10-050319	5/3/2019	<0.024	U		0.03			0.01	J		14	E JO	J	<0.011	U		0.1			0.034		
		VMP-53-10-071919	7/19/2019	0.0016	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0016	J		<0.0056	U	
		VMP-53-10-101819	10/18/2019	<0.0077	U		<0.0068	U		<0.0068	U		0.0041	J		<0.0035	U		<0.006	U		<0.006	U	
30 ft	VMP-53-20-011819	1/18/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.013			<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-53-20-050319	5/3/2019	<0.76	U		<0.66	U		<0.66	U		250		J	<0.34	U		<0.59	U		<0.59	U		
	VMP-53-20-071919	7/19/2019	<0.0074	U		<0.0065	U		<0.0065	U		0.013			<0.0034	U		0.0038	J		<0.0057	U		
	VMP-53-20-101819	10/18/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U		
	VMP-53-30-013119	1/31/2019	<0.006	U		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U		
VMP-53	30 ft	VMP-53-30-050319	5/3/2019	<0.071	U		<0.062	U		<0.062	U		33	E JO	J	<0.032	U		<0.055	U		<0.055	U	
		VMP-53-30-071919	7/19/2019	<0.0073	U		<0.0064	U		<0.0064	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-30-101819	10/18/2019	0.0014	J		<0.0058	U		<0.0058														

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				860												0.29			130			120		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0013	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-54-5-042419	4/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-54-5-072219	7/22/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0028	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-54-5-102219	10/22/2019	0.0016	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-54-10-011819	1/18/2019	<0.006	U		<0.0053	U		<0.0053	U		0.0084			<0.0027	U		<0.0047	U		<0.0047	U	
		VMP-54-10-042419	4/24/2019	<0.0074	U		<0.0065	U		<0.0065	U		0.015			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-54-10-072219	7/22/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0018	J		<0.0032	U		0.0043	J		<0.0054	U	
		VMP-54-10-102219	10/22/2019	0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	VMP-54-20-011819	1/18/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-54-20-042419	4/24/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-54-20-072219	7/22/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.002	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-54-20-102219	10/22/2019	0.0017	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
30 ft	VMP-54-30-011819	1/18/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0011	J		<0.0028	U		<0.0048	U		<0.0048	U		
	VMP-54-30-042419	4/24/2019	<0.0062	U		0.0019	J		<0.0054	U		0.0094			<0.0028	U		<0.0048	U		<0.0048	U		
	VMP-54-30-072219	7/22/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0025	J		<0.0055	U		
	VMP-54-30-102219	10/22/2019	0.00087	J		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U		
VMP-56	10 ft	VMP-56-10-012819	1/28/2019	0.0012	J		0.0078			0.011			<0.0057	U		<0.0031	U		0.0058			0.0034	J	
		VMP-56-10-050119	5/1/2019	0.001	J		0.0016	J		<0.0058	U		0.0022	J		<0.003	U		0.0087			0.0031	J	
		VMP-56-10-072319	7/23/2019	0.0014	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0019	J		<0.0055	U	
		VMP-56-10-102119	10/21/2019	0.0015	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
	25 ft	VMP-56-25-012819	1/28/2019	<0.0063	U		<0.0056	U		<0.0056	U		0.0029	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-56-25-012819-DUP	1/28/2019	<0.0065	U		<0.0056	U		<0.0056	U		0.0026	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-56-25-050119	5/1/2019	0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-56-25-072319	7/23/2019	0.0014	J		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
	38.5 ft	VMP-56-38.5-012819	1/28/2019	<500	U		<440	U		<440	U		3200			<230	U		530			140	J	
		VMP-56-38.5-050119	5/1/2019	<280	U		160	J		81	J		4700			<130	U		1600			500		
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-62-5-042619	4/26/2019	0.0019	J		0.0039	J		0.001	J		<0.0056	U		<0.0031	U		0.0018	J		<0.0052	U	
		VMP-62-5-072919	7/29/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-5-102319	10/23/2019	0.002	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-62-10-012819	1/28/2019	<0.0063	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-62-10-042619	4/26/2019	0.0013	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-10-072919	7/29/2019	<0.0065	U		<0.0057	U		<0.0057	U		0.0043	J		<0.003	U		0.0015	J		<0.005	U	
		VMP-62-10-072919-DUP	7/29/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	VMP-62-10-102319	10/23/2019	0.0009	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-20-012819	1/28/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.037			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-62-20-042619	4/26/2019	0.0012	J		<0.0061	U		<0.0061	U		0.0091			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-20-072919	7/29/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	30 ft	VMP-62-20-102319	10/23/2019	0.0013	J		<0.0061	U		<0.0061	U		0.0013	J		<0.0032	U		0.00067	J		<0.0054	U	
		VMP-62-30-020519	2/5/2019	0.0014	J		<0.0062	U		<0.0062	U		0.022			<0.0032	U		<0.0055	U		<0.0055	U	
VMP-62-30-042619		4/26/2019	0.0014	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
VMP-62-30-042619-DUP		4/26/2019	0.0012	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
VMP-62-30-072919		7/29/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
VMP-62-30-102319		10/23/2019	0.0023	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U		

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			
				860												0.29			130			120			
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-63	5 ft	VMP-63-5-012919	1/29/2019	0.0013	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U		
		VMP-63-5-042519	4/25/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-63-5-072319	7/23/2019	<0.0076	U		<0.0066	U		<0.0066	U		<0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U		
		VMP-63-5-102419	10/24/2019	0.0016	J		<0.0057	U		<0.0057	U		0.0013	J		<0.003	U		<0.005	U		<0.005	U		
		VMP-63-5-102419-DUP	10/24/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0032	U		0.0021	J		<0.0054	J	U	
	10 ft	VMP-63-10-012919	1/29/2019	0.0013	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U		
		VMP-63-10-042519	4/25/2019	<0.007	U		0.0069			<0.0061	U		0.018			<0.0032	U		0.0036	J		<0.0054	U		
		VMP-63-10-072319	7/23/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-63-10-102419	10/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
		VMP-63-20-022719R	2/27/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
	VMP-64	5 ft	VMP-63-20-042519	4/25/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.0024	J		<0.003	U		<0.0051	U		<0.0051	U	
			VMP-63-20-042519-DUP	4/25/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0029	U		<0.005	U		<0.005	U	
			VMP-63-20-072319	7/23/2019	0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0013	J		<0.0054	U	
			VMP-63-20-102419	10/24/2019	<0.0071	U		<0.0062	U		<0.0062	U		0.0039	J		<0.0032	U		<0.0055	U		<0.0055	U	
			VMP-63-30-020419	2/4/2019	0.0013	J		<0.0057	U		<0.0057	U		0.018			<0.003	U		<0.005	U		<0.005	U	
30 ft		VMP-63-30-050319	5/3/2019	<0.0067	U		0.0028	J		<0.0059	U		0.0057	J	J	<0.0031	U		<0.0052	U		<0.0052	U		
		VMP-63-30-072319	7/23/2019	0.00093	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0026	J		<0.0055	U		
		VMP-63-30-102419	10/24/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-64-5-012119	1/21/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
		VMP-64-5-042619	4/26/2019	0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
VMP-64		10 ft	VMP-64-5-072519	7/25/2019	0.0011	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
			VMP-64-5-072519-DUP	7/25/2019	0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
			VMP-64-5-102319	10/23/2019	<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
			VMP-64-10-012119	1/21/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.0026	J		<0.003	U		<0.0052	U		<0.0052	U	
			VMP-64-10-042619	4/26/2019	0.0013	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-64-10-072519	7/25/2019	0.00093	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U		
		VMP-64-10-102319	10/23/2019	0.00096	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U		
		VMP-64-20-012119	1/21/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.0022	J		<0.0029	U		0.0039	J		<0.0049	U		
		VMP-64-20-042619	4/26/2019	0.0012	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U		
		VMP-64-20-072519	7/25/2019	0.0012	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U		
	VMP-64-20-102319	10/23/2019	0.00094	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U			

Notes:
 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

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			1,3-Butadiene			Butane			2-Butanone			
				750000			2.8			450000			52			42						40000						
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	0.014	J		<0.0034	U		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0019	J		
		VMP-10-5-050219	5/2/2019	0.0097	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-10-5-072619	7/26/2019	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U		
	10 ft	VMP-10-5-102519	10/25/2019	0.0066	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U		
		VMP-10-10-012419	1/24/2019	0.01	J		0.0026	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		<0.012	U		
		VMP-10-10-050219	5/2/2019	0.2			0.0011	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.009	J		
	20 ft	VMP-10-10-072619	7/26/2019	0.0079	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U		
		VMP-10-10-102519	10/25/2019	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U		
		VMP-10-20-012419	1/24/2019	0.026			<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U		
	30 ft	VMP-10-20-050219	5/2/2019	0.012	J		0.0023	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-10-20-072619	7/26/2019	0.0075	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U		
		VMP-10-20-102519	10/25/2019	0.015	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U		
VMP-11	5 ft	VMP-10-30-020119	2/1/2019	0.011	J		<0.0037	U		0.041			<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0024	J		
		VMP-10-30-050219	5/2/2019	0.012	J		<0.0038	U		0.012			<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-10-30-050219-DUP	5/2/2019	0.018	J		<0.0038	U		0.012			<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
	8 ft	VMP-11-5-020419	2/4/2019	0.035			<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0036	J		
		VMP-11-5-043019	4/30/2019	0.0069	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-11-5-073119	7/31/2019	0.02	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
	29 ft	VMP-11-5-102519	10/25/2019	0.0058	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-11-8-020419	2/4/2019	0.028	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U		
		VMP-11-8-043019	4/30/2019	0.011	J		0.0032	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U		
	38 ft	VMP-11-8-073119	7/31/2019	0.035			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0032	J		
		VMP-11-8-102519	10/25/2019	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
		VMP-11-29-020419	2/4/2019	0.0067	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
VMP-12	5 ft	VMP-11-29-043019	4/30/2019	0.016	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-11-29-073119	7/31/2019	0.021	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-11-29-102519	10/25/2019	0.0072	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U		
	11.5 ft	VMP-11-38-020119	2/1/2019	0.012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0033	J		
		VMP-11-38-020119-DUP	2/1/2019	0.012	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0021	J		
		VMP-11-38-043019	4/30/2019	0.011	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U		
25 ft	VMP-11-38-043019-Dup	4/30/2019	0.044			<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U			
	VMP-11-38-073119	7/31/2019	0.017	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U			
	VMP-11-38-102519	10/25/2019	0.0055	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U			
VMP-12	5 ft	VMP-12-5-012819	1/28/2019	0.0084	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
		VMP-12-5-012819-DUP	1/28/2019	0.014	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0023	J		
		VMP-12-5-050319	5/3/2019	0.009	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U		
	11.5 ft	VMP-12-5-072419	7/24/2019	0.016	J		0.0047			<0.0089	U		<0.014	U		<0.051	U	UJ	<0.0029	U		<0.012	U		<0.016	U		
		VMP-12-5-102219	10/22/2019	<0.034	U		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U		
		VMP-12-5-102219-DUP	10/22/2019	0.0085	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
	25 ft	VMP-12-11.5-012819	1/28/2019	0.012	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U		
		VMP-12-11.5-050319	5/3/2019	0.025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0061	J		
		VMP-12-11.5-072419	7/24/2019	0.022	J		0.00084	J		<0.0085	U		<0.013	U		<0.049	U	UJ	<0.0028	U		0.0045	J		<0.015	U		
	VMP-12	11.5 ft	VMP-12-11.5-102219	10/22/2019	0.007	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0044	J		<0.014	U	
			VMP-12-25-012819	1/28/2019	0.04			<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0025	J	
			VMP-12-25-050319	5/3/2019	0.0072	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
25 ft		VMP-12-25-050319-DUP	5/3/2019	0.018	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U		
		VMP-12-25-072419	7/24/2019	0.011	J		0.0027	J		<0.0089	U		<0.014	U		<0.052	U	UJ	<0.0029	U		0.0036	J		<0.016	U		
		VMP-12-25-102219	10/22/2019	<0.03	U		<0.004	U		<0.0084																		

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			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42						40000					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	0.007	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-5-050119	5/1/2019	0.029	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0046	J		<0.015	U	
		VMP-13-5-073119	7/31/2019	0.045			0.0018	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.003	J	
		VMP-13-5-102819	10/28/2019	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	0.022	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0022	J	
		VMP-13-10.5-050119	5/1/2019	0.017	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-13-10.5-073119	7/31/2019	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-13-10.5-102819	10/28/2019	<0.03	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	0.035			0.0031	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-13-21.5-050119	5/1/2019	0.025	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0047	J		0.0044	J	
		VMP-13-21.5-073119	7/31/2019	0.0093	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-13-21.5-102819	10/28/2019	<0.032	U		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	0.0062	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U		
	VMP-13-29.5-050119	5/1/2019	0.019	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U		
	VMP-13-29.5-102819	10/28/2019	0.02	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.01	J		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	0.012	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0071	J		0.0021	J	
		VMP-14-5-012919-DUP	1/29/2019	0.02	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.004	J	
		VMP-14-5-050119	5/1/2019	0.046			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-14-5-073019	7/30/2019	0.13			0.0017	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0086	J	
		VMP-14-5-073019-DUP	7/30/2019	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-5-102819	10/28/2019	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	0.025	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-14-11.5-050119	5/1/2019	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0034	J	
		VMP-14-11.5-073019	7/30/2019	0.022	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-11.5-102819	10/28/2019	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	20 ft	VMP-14-20-020419	2/4/2019	0.028	J		0.0045			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-14-20-050119	5/1/2019	0.038			0.0016	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0063	J	
VMP-14-20-073019		7/30/2019	0.016	J		0.0016	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U		
VMP-14-20-102819		10/28/2019	<0.032	U		0.0015	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U		
29 ft	VMP-14-29-020419	2/4/2019	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U		
	VMP-14-29-050119	5/1/2019	0.018	J		0.0015	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0031	J		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	0.0077	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-15-5-050119	5/1/2019	0.02	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-15-5-073019	7/30/2019	0.04			0.0022	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-5-073019-DUP	7/30/2019	0.082			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-15-5-102219	10/22/2019	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.026	U		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-15-21.5-050119	5/1/2019	0.1	J		0.024	J		<0.054	U		<0.083	U		<0.31	U		<0.018	U		<0.076	U		<0.094	U	
		VMP-15-21.5-073019	7/30/2019	<0.21	U		<0.029	U		<0.06	U		<0.093	U		<0.35	U		<0.02	U		0.91			<0.11	U	
		VMP-15-21.5-102219	10/22/2019	0.57			<0.039	U		<0.082	U		<0.13	U		<0.48	U		<0.027	U		0.17			<0.14	U	
	25.5 ft	VMP-15-25.5-012419	1/24/2019	0.014	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-15-25.5-050119	5/1/2019	0.039	J		0.03			<0.053	U		<0.082	U		<0.31	U		<0.017	U		2.2			<0.093	U	
		VMP-15-25.5-050119-DUP	5/1/2019	0.036	J		0.032			<0.052	U		<0.08	U		<0.3	U		<0.017	U		2.2			<0.091	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			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42						40000					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	0.017	J		0.0038			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.056			<0.014	U	
		VMP-16-5-050219	5/2/2019	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-16-5-072419	7/24/2019	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-16-5-102219	10/22/2019	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
	13.5 ft	VMP-16-13.5-012819	1/28/2019	6.7	J		<1.2	U		<2.5	U		<3.9	U		<15	U		<0.84	U		12			<4.5	U	
		VMP-16-13.5-050219	5/2/2019	<0.73	U		<0.24	U		<0.52	U		<0.8	U		<1.2	U		<0.17	U		5.9			<0.91	U	
		VMP-16-13.5-072419	7/24/2019	<3.3	U		1.4			<2.4	U		<3.6	U		<5.5	U		<0.78	U		10			<4.2	U	
		VMP-16-13.5-102219	10/22/2019	<1.6	U		<0.54	U		<1.1	U		<1.7	U		<2.6	U		<0.37	U		1.6			<2	U	
	19 ft	VMP-16-19-012819	1/28/2019	6.8	J		<1.4	U		<3	U		<4.6	U		<17	U		<1	U		18			<5.3	U	
		VMP-16-19-050219	5/2/2019	<2.3	U		<0.77	U		<1.6	U		<2.5	U		<3.8	U		<0.54	U		22			<2.8	U	
		VMP-16-19-072419	7/24/2019	<3	U		1.2			<2.1	U		<3.3	U		<4.9	U		<0.7	U		12			<3.7	U	
		VMP-16-19-102219	10/22/2019	<6.6	U		<2.2	U		<4.6	U		<7.1	U		<11	U		<1.5	U		34			<8.1	U	
	31 ft	VMP-16-31-012819	1/28/2019	8.9	J		<5.8	U		<12	U		<19	U		<70	U		<4	U		60			<21	U	
VMP-16-31-050219		5/2/2019	<2.8	U		<0.93	U		<1.9	U		<3	U		<4.5	U		<0.64	U		45			<3.4	U		
VMP-16-31-050219-DUP		5/2/2019	<3.7	U		<1.2	U		<2.6	U		<4	U		<6	U		<0.86	U		45			<4.6	U		
VMP-16-31-072419		7/24/2019	<3.1	U		1.4			<2.2	U		<3.3	U		<5	U		<0.71	U		34			<3.8	U		
VMP-16-31-072419-DUP		7/24/2019	<2.9	U		1.3			<2.1	U		<3.2	U		<4.8	U		<0.68	U		31			<3.6	U		
VMP-16-31-102219	10/22/2019	<6.2	U		<2.1	U		<4.4	U		<6.7	U		<10	U		<1.4	U		71			<7.7	U			
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	0.021	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0034	J	
		VMP-17-5-042519	4/25/2019	0.0066	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-17-5-073119	7/31/2019	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-17-5-102119	10/21/2019	0.055			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.012	J	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	0.018	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0024	J	
		VMP-25-5-012219-DUP	1/22/2019	0.013	J		<0.0033	U		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		<0.0099	U		<0.012	U	
		VMP-25-5-042519	4/25/2019	0.025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-042519-DUP	4/25/2019	0.015	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-25-5-072519	7/25/2019	0.0091	J		0.011			<0.0086	U		<0.013	U		<0.05	U	UJ	<0.0028	U		0.094			<0.015	U	
		VMP-25-5-072519-DUP	7/25/2019	0.017	J		0.015			<0.0082	U		<0.013	U		<0.048	U	UJ	<0.0027	U		0.1			<0.014	U	
		VMP-25-5-102819	10/28/2019	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-25-5-102819-DUP	10/28/2019	0.012	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U			
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	0.034	J		0.0013	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0036	J		0.0068	J	
		VMP-29-10-073119	7/31/2019	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-29-10-102519	10/25/2019	0.0081	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	18 ft	VMP-29-18-012519	1/25/2019	0.043			0.0048			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.01			0.063		
		VMP-29-18-050219	5/2/2019	0.12			0.0047			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.27		
		VMP-29-18-073119	7/31/2019	0.32			0.0037	J		<0.014	U		<0.022	U		<0.082	U		<0.0047	U		<0.02	U		1.3		
		VMP-29-18-102519	10/25/2019	0.3			0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.51		
	26 ft	VMP-29-26-012519	1/25/2019	0.0093	J		0.0018	J		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.004	J	
		VMP-29-26-012519-DUP	1/25/2019	0.0072	J		0.0012	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0018	J	
		VMP-29-26-050219	5/2/2019	0.1			0.017			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.04		
VMP-29-26-073119	7/31/2019	0.82			0.0069	J		<0.033	U		<0.051	U		<0.19	U		<0.011	U		<0.047	U		0.88				
VMP-29-26-102519	10/25/2019	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.012	J			
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	0.0098	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0028	J	
		VMP-30-10-050219	5/2/2019	0.1			<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0039	J		0.046		
		VMP-30-10-073119	7/31/2019	0.06			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.17		
		VMP-30-10-102519	10/25/2019	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.037		
	18 ft	VMP-30-18-012519	1/25/2019	0.0071	J		0.00085	J		<0.007	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.0031	J	
		VMP-30-18-050219	5/2/2019	0.025	J		0.0021	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.011	J		0.024		
		VMP-30-18-073119	7/31/2019	0.095			0.0073			<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.28		
		VMP-30-18-102519	10/25/2019	0.018	J		0.0032	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.02		
	26 ft	VMP-30-26-012519	1/25/2019	0.0063	J		0.0028	J		<0.0074	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			1,3-Butadiene			Butane			2-Butanone		
				750000			2.8			450000			52			42						40000					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	1.9	J		6.7			<0.74	U		<1.1	U		<4.3	U		<0.24	U		1.7			<1.3	U	
		VMP-41-10-022719R	2/27/2019	0.0041	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-10-050319	5/3/2019	0.013	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.014			<0.014	U	
		VMP-41-10-072619	7/26/2019	0.0061	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	VMP-41-10-102819	10/28/2019	<0.03	U		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U		
	VMP-41-20-012919	1/29/2019	0.011	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.014	U		
	VMP-41-20-050319	5/3/2019	0.051			<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U		
	VMP-41-20-072619	7/26/2019	0.0081	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U		
	VMP-41-20-072619-DUP	7/26/2019	0.019	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U		
	VMP-41-20-102819	10/28/2019	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U		
VMP-41	26 ft	VMP-41-26-012919	1/29/2019	0.0068	J		<0.0036	U		0.01			<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-41-26-050319	5/3/2019	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	8.1			<0.4	U		<0.83	U		<1.3	U		<1.9	U		<0.28	U		50			<1.5	U	
		VMP-55-20-073019	7/30/2019	<0.2	U		<0.026	U		<0.055	U		<0.085	U		<0.32	U		<0.018	U		<0.078	U		<0.097	U	

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

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000			0.92											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		<0.022	U		<0.0054	U	
		VMP-10-5-050219	5/2/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-10-5-072619	7/26/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ
	10 ft	VMP-10-5-102519	10/25/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-10-10-012419	1/24/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0054	U	
		VMP-10-10-050219	5/2/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
	20 ft	VMP-10-10-072619	7/26/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-10-10-102519	10/25/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-20-012419	1/24/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		0.0067			<0.022	U		<0.0054	U	
	30 ft	VMP-10-20-050219	5/2/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0023	J		<0.025	U		<0.0063	U	
		VMP-10-20-072619	7/26/2019	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0026	J		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-10-20-102519	10/25/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.00093	J		<0.028	U		<0.007	U	
VMP-11	5 ft	VMP-11-5-020419	2/4/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-11-5-043019	4/30/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-11-5-073119	7/31/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	8 ft	VMP-11-5-102519	10/25/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-11-8-020419	2/4/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-11-8-043019	4/30/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
	29 ft	VMP-11-8-073119	7/31/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-11-8-102519	10/25/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-11-29-020419	2/4/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0.026	U		<0.0065	U	
	38 ft	VMP-11-29-043019	4/30/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-11-29-073119	7/31/2019	0.004	J		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-11-29-102519	10/25/2019	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.001	J		<0.028	U		<0.007	U	
VMP-11-38-020119		2/1/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.00071	J		<0.023	U		<0.0058	U		
VMP-11-38-020119-DUP		2/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00066	J		<0.024	U		<0.0062	U		
VMP-11-38-043019		4/30/2019	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U		
VMP-12	5 ft	VMP-11-38-043019-Dup	4/30/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-11-38-073119	7/31/2019	0.0041	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-11-38-102519	10/25/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
	11.5 ft	VMP-12-5-012819	1/28/2019	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-12-5-050319	5/3/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
25 ft	VMP-12-5-072419	7/24/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0032	J		<0.027	U		<0.0068	ND,UJ	UJ	
	VMP-12-5-102219	10/22/2019	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U		
	VMP-12-5-102219-DUP	10/22/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U		
25 ft	VMP-12-11.5-012819	1/28/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U		
	VMP-12-11.5-050319	5/3/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U		
	VMP-12-11.5-072419	7/24/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.0024	J		<0.0065	ND,UJ	UJ	
	VMP-12-11.5-102219	10/22/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U		
25 ft	VMP-12-25-012819	1/28/2019	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0017	J		0.0037	J		<0.0059	U		
	VMP-12-25-050319	5/3/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U		
	VMP-12-25-050319-DUP	5/3/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U		
	VMP-12-25-072419	7/24/2019	0.0077	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		0.0019	J		<0.0069	ND,UJ	UJ	
VMP-12-25-102219	10/22/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	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 disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000			0.92											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.014	U		<0.0068	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-13-5-050119	5/1/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-13-5-073119	7/31/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-13-5-102819	10/28/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0067	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.001	J		<0.023	U		<0.0057	U	
		VMP-13-10.5-050119	5/1/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-13-10.5-073119	7/31/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-13-10.5-102819	10/28/2019	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0022	J		<0.026	U		<0.0066	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0021	J		<0.024	U		<0.0059	U	
		VMP-13-21.5-050119	5/1/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-13-21.5-073119	7/31/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-13-21.5-102819	10/28/2019	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0021	J		<0.022	U		<0.0056	U		
	VMP-13-29.5-050119	5/1/2019	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U		
	VMP-13-29.5-102819	10/28/2019	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0021	J		<0.025	U		<0.0062	U		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-14-5-050119	5/1/2019	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-14-5-073019	7/30/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-14-5-102819	10/28/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-14-11.5-050119	5/1/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-11.5-073019	7/30/2019	0.0074	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-14-11.5-102819	10/28/2019	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-20-050119	5/1/2019	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
VMP-14-20-073019		7/30/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U		
VMP-14-20-102819		10/28/2019	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U		
29 ft	VMP-14-29-020419	2/4/2019	<0.015	U		<0.0075	U		0.00088	J		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		0.0011	J	J	
	VMP-14-29-050119	5/1/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0022	J		<0.024	U		<0.0059	U	
		VMP-15-5-050119	5/1/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-15-5-073019	7/30/2019	<0.015	U		0.0019	J		<0.0057	U		0.0014	J		<0.013	U		0.0022	J		<0.026	U		<0.0064	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0017	J		0.007	J		<0.0063	U	
		VMP-15-5-102219	10/22/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0013	J		<0.025	U		<0.0063	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-15-21.5-050119	5/1/2019	<0.1	U		<0.05	U		<0.037	U		<0.068	U		<0.084	U		<0.039	U		<0.16	U		<0.041	U	
		VMP-15-21.5-073019	7/30/2019	<0.11	U		<0.057	U		<0.041	U		<0.077	U		<0.095	U		<0.044	U		<0.18	U		<0.046	U	
		VMP-15-21.5-102219	10/22/2019	<0.15	U		<0.077	U		<0.056	U		<0.1	U		<0.13	U		0.054	J		<0.25	U		<0.063	U	
	25.5 ft	VMP-15-25.5-012419	1/24/2019	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0011	J		<0.023	U		<0.0057	U	
		VMP-15-25.5-050119	5/1/2019	<0.098	U		<0.05	U		<0.036	U		<0.067	U		<0.083	U		<0.038	U		<0.16	U		<0.041	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.096	U		<0.048	U		<0.035	U		<0.066	U		<0.081	U		<0.038	U		<0.16	U		<0.04	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 disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene						
				5300			1.5			420			57000			0.92															
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U					
		VMP-16-5-050219	5/2/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U					
		VMP-16-5-072419	7/24/2019	<0.016	U		0.0077	J		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U					
		VMP-16-5-102219	10/22/2019	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U					
	13.5 ft	VMP-16-13.5-012819	1/28/2019	<4.7	U		<2.4	U		<1.7	U		<3.2	U		<4	U		<1.8	U		<7.8	U		<2	U					
		VMP-16-13.5-050219	5/2/2019	<0.96	U		<0.48	U		<0.35	U		<0.66	U		<0.81	U		<0.38	U		<0.64	U		<0.4	U					
		VMP-16-13.5-072419	7/24/2019	<4.4	U		<2.2	U		<1.6	U		<3	U		<3.7	U		<1.7	U		<2.9	U		<1.8	U					
		VMP-16-13.5-102219	10/22/2019	<2.1	U		<1.1	U		<0.78	U		<1.4	U		<1.8	U		<0.82	U		<1.4	U		<0.87	U					
	19 ft	VMP-16-19-012819	1/28/2019	<5.6	U		<2.8	U		<2.1	U		<3.8	U		<4.8	U		<2.2	U		<9.3	U		<2.3	U					
		VMP-16-19-050219	5/2/2019	<3	U		<1.5	U		<1.1	U		<2.1	U		<2.6	U		<1.2	U		<2	U		<1.2	U					
		VMP-16-19-072419	7/24/2019	<3.9	U		<2	U		<1.4	U		<2.7	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U					
		VMP-16-19-102219	10/22/2019	<8.6	U		<4.3	U		<3.2	U		<5.9	U		<7.3	U		<3.4	U		<5.7	U		<3.6	U					
	31 ft	VMP-16-31-012819	1/28/2019	<23	U		<11	U		<8.4	U		<15	U		<19	U		<8.9	U		<37	U		<9.4	U					
		VMP-16-31-050219	5/2/2019	<3.6	U		<1.8	U		<1.3	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U					
VMP-16-31-050219-DUP		5/2/2019	<4.8	U		<2.4	U		<1.8	U		<3.3	U		<4.1	U		<1.9	U		<3.2	U		<2	U						
VMP-16-31-072419		7/24/2019	<4	U		<2	U		<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.7	U		<1.7	U						
VMP-16-31-072419-DUP	7/24/2019	<3.8	U		<1.9	U		<1.4	U		<2.6	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U							
VMP-16-31-102219	10/22/2019	<8.1	U		<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U							
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U					
		VMP-17-5-042519	4/25/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U					
		VMP-17-5-073119	7/31/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U					
		VMP-17-5-102119	10/21/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		0.0031	J		<0.0067	U					
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U					
		VMP-25-5-012219-DUP	1/22/2019	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.0051	U		<0.021	U		<0.0054	U					
		VMP-25-5-042519	4/25/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U					
		VMP-25-5-042519-DUP	4/25/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U					
		VMP-25-5-072519	7/25/2019	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		0.002	J		<0.0066	ND,UJ	UJ				
		VMP-25-5-072519-DUP	7/25/2019	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ				
		VMP-25-5-102819	10/28/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U					
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U					
		VMP-29-10-073119	7/31/2019	0.036			<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0017	J		<0.025	U		<0.0063	U					
		VMP-29-10-102519	10/25/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U					
	18 ft	VMP-29-18-012519	1/25/2019	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		0.0023	J		<0.0055	U					
		VMP-29-18-050219	5/2/2019	0.0055	J		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U					
		VMP-29-18-073119	7/31/2019	0.032			<0.013	U		<0.0097	U		<0.018	U		<0.022	U		<0.01	U		<0.044	U		<0.011	U					
		VMP-29-18-102519	10/25/2019	0.02			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U					
	26 ft	VMP-29-26-012519	1/25/2019	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		0.006			<0.022	U		<0.0055	U					
		VMP-29-26-012519-DUP	1/25/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0062			<0.024	U		<0.0059	U					
		VMP-29-26-050219	5/2/2019	0.015	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		0.0022	J		<0.0064	U					
VMP-29-26-073119	7/31/2019	0.2			<0.031	U		<0.023	U		<0.042	U		<0.052	U		<0.024	U		<0.1	U		<0.026	U							
VMP-29-26-102519	10/25/2019	0.078			<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.00098	J		<0.028	U		<0.0069	U							
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0062	U					
		VMP-30-10-050219	5/2/2019	0.004	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		0.0022	J		<0.0062	U					
		VMP-30-10-073119	7/31/2019	0.0095	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U					
		VMP-30-10-102519	10/25/2019	0.0037	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0036	J		<0.026	U		<0.0064	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 disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				5300			1.5			420			57000			0.92											
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	0.41	J		<0.69	U		<0.51	U		<0.94	U		<1.2	U		<0.54	U		<2.3	U		<0.57	U	
		VMP-41-10-022719R	2/27/2019	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-41-10-050319	5/3/2019	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-072619	7/26/2019	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-41-10-102819	10/28/2019	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	20 ft	VMP-41-20-012919	1/29/2019	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0051	J		<0.024	U		<0.0059	U	
		VMP-41-20-050319	5/3/2019	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-41-20-072619	7/26/2019	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-41-20-072619-DUP	7/26/2019	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-41-20-102819	10/28/2019	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
26 ft	VMP-41-26-012919	1/29/2019	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.044			<0.023	U		<0.0058	U		
	VMP-41-26-050319	5/3/2019	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.006	J		<0.026	U		<0.0065	U		
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<1.6	U		<0.78	U		<0.57	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.64	U	
		VMP-55-20-073019	7/30/2019	<0.1	U		<0.052	U		<0.038	U		<0.07	U		<0.087	U		<0.04	U		<0.17	U		<0.043	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	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.048			1700			6800			1700			4200			0.81								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0042	U		<0.0042	U	
		VMP-10-5-050219	5/2/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-10-5-072619	7/26/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
	10 ft	VMP-10-5-102519	10/25/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-10-10-012419	1/24/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.0042	U	
		VMP-10-10-050219	5/2/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
	20 ft	VMP-10-10-072619	7/26/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-10-10-102519	10/25/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-10-20-012419	1/24/2019	<0.0036	U		<0.008	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0042	U		<0.0042	U	
	30 ft	VMP-10-20-050219	5/2/2019	0.0017	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-10-20-072619	7/26/2019	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-10-20-102519	10/25/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
VMP-11	5 ft	VMP-10-30-020119	2/1/2019	0.0028	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-10-30-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-10-30-050219-DUP	5/2/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
	8 ft	VMP-11-5-020419	2/4/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-11-5-043019	4/30/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-11-5-073119	7/31/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
	29 ft	VMP-11-5-102519	10/25/2019	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0.0048	U	
		VMP-11-8-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-11-8-043019	4/30/2019	0.0029	J		<0.0088	U		<0.0069	U		0.0011	J		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
	38 ft	VMP-11-8-073119	7/31/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U	
		VMP-11-8-102519	10/25/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-11-29-020419	2/4/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
VMP-12	5 ft	VMP-11-29-043019	4/30/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-11-29-073119	7/31/2019	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
		VMP-11-29-102519	10/25/2019	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U	
	11.5 ft	VMP-11-38-020119	2/1/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0023	J		<0.0045	U		<0.0045	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-11-38-043019	4/30/2019	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
25 ft	VMP-11-38-043019-Dup	4/30/2019	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U		
	VMP-11-38-073119	7/31/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
	VMP-11-38-102519	10/25/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0049	U		<0.0049	U		
VMP-12	5 ft	VMP-12-5-012819	1/28/2019	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.0047	U	
		VMP-12-5-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
	11.5 ft	VMP-12-5-072419	7/24/2019	0.0022	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-12-5-102219	10/22/2019	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0031	J		<0.0058	U		0.0034	J	
		VMP-12-5-102219-DUP	10/22/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		0.0023	J	
	25 ft	VMP-12-11.5-012819	1/28/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-12-11.5-050319	5/3/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-12-11.5-072419	7/24/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
25 ft	VMP-12-11.5-102219	10/22/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U		
	VMP-12-25-012819	1/28/2019	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U		
	VMP-12-25-050319	5/3/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U		
25 ft	VMP-12-25-050319-DUP	5/3/2019	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		<0.0053	U		<0.0043	U		<0.0043	U		
	VMP-12-25-072419	7/24/2019	0.00099	J		<0.01	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	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.048			1700			1700			6800			1700			4200			0.81					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-13-5-050119	5/1/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-13-5-073119	7/31/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		0.0044	J	
		VMP-13-5-102819	10/28/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0023	J		<0.0044	U		<0.0044	U	
		VMP-13-10.5-050119	5/1/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-13-10.5-073119	7/31/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-13-10.5-102819	10/28/2019	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0039	J		<0.0052	U		<0.0052	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-13-21.5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
		VMP-13-21.5-073119	7/31/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-13-21.5-102819	10/28/2019	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U		
	VMP-13-29.5-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U		
	VMP-13-29.5-102819	10/28/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.004	J		<0.0049	U		<0.0049	U		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.0045	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U	
		VMP-14-5-050119	5/1/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-14-5-073019	7/30/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-14-5-102819	10/28/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0052	U		<0.0052	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-14-11.5-050119	5/1/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-14-11.5-073019	7/30/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-14-11.5-102819	10/28/2019	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-14-20-050119	5/1/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
VMP-14-20-073019		7/30/2019	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U		
VMP-14-20-102819		10/28/2019	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U		
29 ft	VMP-14-29-020419	2/4/2019	<0.0041	U		<0.0091	U		<0.0072	U		0.0013	J		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U		
	VMP-14-29-050119	5/1/2019	0.024			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-15-5-050119	5/1/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-15-5-073019	7/30/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0013	J		0.0011	J		<0.005	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-15-5-102219	10/22/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0017	J		<0.0044	U		<0.0044	U	
		VMP-15-21.5-050119	5/1/2019	<0.028	U		<0.061	U		<0.048	U		<0.048	U		<0.048	U		<0.04	U		<0.032	U		<0.032	U	
		VMP-15-21.5-073019	7/30/2019	0.042			<0.069	U		<0.054	U		<0.054	U		<0.054	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-15-21.5-102219	10/22/2019	<0.042	U		<0.094	U		<0.074	U		<0.074	U		<0.074	U		<0.06	U		<0.05	U		<0.05	U	
	25.5 ft	VMP-15-25.5-012419	1/24/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.002	J		<0.0044	U		<0.0044	U	
		VMP-15-25.5-050119	5/1/2019	0.086			<0.061	U		<0.047	U		<0.048	U		<0.048	U		<0.039	U		<0.032	U		<0.032	U	
		VMP-15-25.5-050119-DUP	5/1/2019	0.082			<0.059	U		<0.046	U		<0.046	U		<0.046	U		<0.038	U		<0.031	U		<0.031	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	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.048			1700			6800			1700			4200			0.81								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	0.011			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0024	J		<0.0047	U		<0.0047	U	
		VMP-16-5-050219	5/2/2019	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-16-5-072419	7/24/2019	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-16-5-102219	10/22/2019	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
	13.5 ft	VMP-16-13.5-012819	1/28/2019	9.5			<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U	
		VMP-16-13.5-050219	5/2/2019	3.8			<0.59	U		<0.46	U		<0.46	U		<0.46	U		<0.38	U		<0.31	U		<0.31	U	
		VMP-16-13.5-072419	7/24/2019	24			<2.7	U		<2.1	U		<2.1	U		<2.1	U		<1.7	U		<1.4	U		<1.4	U	
		VMP-16-13.5-102219	10/22/2019	3			<1.3	U		<1	U		<1	U		<1	U		<0.84	U		<0.68	U		<0.68	U	
	19 ft	VMP-16-19-012819	1/28/2019	18			<3.5	U		<2.7	U		<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U	
		VMP-16-19-050219	5/2/2019	36			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.98	U		<0.98	U	
		VMP-16-19-072419	7/24/2019	27			<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-16-19-102219	10/22/2019	29			<5.3	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
	31 ft	VMP-16-31-012819	1/28/2019	50			<14	U		<11	U		<11	U		<11	U		<9	U		<7.3	U		<7.3	U	
VMP-16-31-050219		5/2/2019	53			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.2	U		<1.2	U		
VMP-16-31-050219-DUP		5/2/2019	55			<3	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.6	U		<1.6	U		
VMP-16-31-072419		7/24/2019	35			<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U		
VMP-16-31-072419-DUP		7/24/2019	34			<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U		
VMP-16-31-102219	10/22/2019	39			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U			
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-17-5-042519	4/25/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-17-5-073119	7/31/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-17-5-102119	10/21/2019	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.0044	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0036	U		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.0042	U	
		VMP-25-5-042519	4/25/2019	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-25-5-072519	7/25/2019	0.0036	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0017	J		<0.0052	U		<0.0052	U	
		VMP-25-5-072519-DUP	7/25/2019	0.0077			<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0011	J		<0.005	U		<0.005	U	
		VMP-25-5-102819	10/28/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-29-10-073119	7/31/2019	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-29-10-102519	10/25/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
	18 ft	VMP-29-18-012519	1/25/2019	0.0018	J		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0043	U		<0.0043	U	
		VMP-29-18-050219	5/2/2019	0.0013	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-29-18-073119	7/31/2019	<0.0073	U		<0.016	U		<0.013	U		<0.013	U		<0.013	U		<0.01	U		<0.0085	U		<0.0085	U	
		VMP-29-18-102519	10/25/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
	26 ft	VMP-29-26-012519	1/25/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0026	J		<0.0043	U		<0.0043	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-29-26-050219	5/2/2019	0.0047			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-29-26-073119	7/31/2019	<0.017	U		<0.038	U		<0.03	U		<0.03	U		<0.03	U		<0.024	U		<0.02	U		<0.02	U	
		VMP-29-26-102519	10/25/2019	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-29-26-102519-DUP	10/25/2019	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
VMP-30	10 ft	VMP-30-10-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-30-10-073119	7/31/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-30-10-102519	10/25/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-30-10-102519-DUP	10/25/2019	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
	18 ft	VMP-30-18-012519	1/25/2019	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.003	J		<0.0042	U		<0.0042	U	
		VMP-30-18-050219	5/2/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0049	U		<0.0049	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	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
				0.048			1700			6800			1700			4200			0.81								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	5.3			<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-41-10-022719R	2/27/2019	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U	
		VMP-41-10-050319	5/3/2019	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-41-10-072619	7/26/2019	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
	VMP-41-10-102819	10/28/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0038	J		<0.005	U		<0.005	U		
	VMP-41-20-012919	1/29/2019	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0022	J		<0.0046	U		<0.0046	U		
	VMP-41-20-050319	5/3/2019	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U		
	VMP-41-20-072619	7/26/2019	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0017	J		<0.0054	U		<0.0054	U		
	VMP-41-20-072619-DUP	7/26/2019	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U		
	VMP-41-20-102819	10/28/2019	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0039	J		<0.0051	U		<0.0051	U		
VMP-41	26 ft	VMP-41-26-012919	1/29/2019	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-41-26-050319	5/3/2019	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.0051	U		<0.0051	U	
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	19			<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.5	U		<0.5	U	
		VMP-55-20-073019	7/30/2019	<0.028	U		<0.063	U		<0.05	U		<0.05	U		<0.05	U		<0.041	U		<0.033	U		<0.033	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-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3						2.3					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.036	U		<0.0048	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-10-5-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-5-072619	7/26/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-5-102519	10/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-10-10-012419	1/24/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-10-10-050219	5/2/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0062	J	
		VMP-10-10-072619	7/26/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-10-10-102519	10/25/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	20 ft	VMP-10-20-012419	1/24/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-10-20-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-20-072619	7/26/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-10-20-102519	10/25/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
30 ft	VMP-10-30-020119	2/1/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U		
	VMP-10-30-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0025	J		
	VMP-10-30-050219-DUP	5/2/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U		
	VMP-11-5-020419	2/4/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0051	J		
VMP-11	5 ft	VMP-11-5-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-5-073119	7/31/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-5-102519	10/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-8-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	8 ft	VMP-11-8-043019	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-11-8-073119	7/31/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-8-102519	10/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-29-020419	2/4/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	29 ft	VMP-11-29-043019	4/30/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-29-073119	7/31/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-29-102519	10/25/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-11-38-020119	2/1/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	38 ft	VMP-11-38-020119-DUP	2/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-38-043019	4/30/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-11-38-043019-Dup	4/30/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-11-38-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	VMP-11-38-102519	10/25/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U		
	VMP-12	5 ft	VMP-12-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U
VMP-12-5-012819-DUP			1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
VMP-12-5-050319			5/3/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-12-5-072419			7/24/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
VMP-12-5-102219			10/22/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
VMP-12-5-102219-DUP			10/22/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
11.5 ft		VMP-12-11.5-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-11.5-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-12-11.5-072419	7/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-11.5-102219	10/22/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-12-25-012819	1/28/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-25-050319	5/3/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
25 ft	VMP-12-25-050319-DUP	5/3/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U		
	VMP-12-25-072419	7/24/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U		
	VMP-12-25-102219	10/22/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	ND,UJ	UJ	<0.0057	U		<0.0057	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	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3						2.3					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-13-5-050119	5/1/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-5-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-5-102819	10/28/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	ND,UJ	UJ	<0.0059	U		<0.0059	U		<0.019	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-13-10.5-050119	5/1/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-10.5-073119	7/31/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-10.5-102819	10/28/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	ND,UJ	UJ	<0.0058	U		<0.0058	U		<0.018	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-13-21.5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-13-21.5-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-13-21.5-102819	10/28/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	ND,UJ	UJ	<0.006	U		<0.006	U		<0.019	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U		
	VMP-13-29.5-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U		
	VMP-13-29.5-102819	10/28/2019	<0.0048	U		0.013			<0.0048	U		<0.042	U		<0.0056	ND,UJ	UJ	<0.0055	U		<0.0055	U		<0.017	U		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-14-5-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-5-073019	7/30/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.0049	J	
		VMP-14-5-073019-DUP	7/30/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-5-102819	10/28/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	ND,UJ	UJ	<0.0058	U		<0.0058	U		<0.018	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-11.5-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-14-11.5-073019	7/30/2019	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-11.5-102819	10/28/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	ND,UJ	UJ	<0.0064	U		<0.0064	U		<0.02	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-20-050119	5/1/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
VMP-14-20-073019		7/30/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U		
29 ft	VMP-14-20-102819	10/28/2019	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	ND,UJ	UJ	<0.0062	U		<0.0062	U		<0.02	U		
	VMP-14-29-020419	2/4/2019	<0.0047	U		<0.0047	U		0.0019	J		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U		
	VMP-14-29-050119	5/1/2019	<0.0048	U		<0.0048	U		<0.0048	U		0.0077	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-15-5-050119	5/1/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-15-5-073019	7/30/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-5-102219	10/22/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-15-21.5-050119	5/1/2019	<0.032	U		<0.032	U		<0.032	U		<0.28	U		<0.037	U		<0.036	U		<0.036	U		<0.12	U	
		VMP-15-21.5-073019	7/30/2019	<0.036	U		<0.036	U		<0.036	U		<0.31	U		<0.042	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-15-21.5-102219	10/22/2019	<0.048	U		<0.048	U		<0.048	U		<0.42	U		<0.057	U		<0.056	U		<0.056	U		<0.18	U	
		VMP-15-25.5-012419	1/24/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
25.5 ft	VMP-15-25.5-050119	5/1/2019	<0.031	U		<0.031	U		<0.031	U		<0.27	U		<0.036	U		<0.036	U		<0.036	U		<0.11	U		
	VMP-15-25.5-050119-DUP	5/1/2019	<0.03	U		<0.03	U		<0.03	U		<0.27	U		<0.036	U		<0.035	U		<0.035	U		<0.11	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-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane				
				1600			1100000			510			45			2.3						2.3							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U			
		VMP-16-5-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-16-5-072419	7/24/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-16-5-102219	10/22/2019	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U	UJ	<0.0063	U		<0.0063	U		<0.02	U			
	13.5 ft	VMP-16-13.5-012819	1/28/2019	<1.5	U		<1.5	U		<1.5	U		1	J		<1.8	U		<1.7	U		<1.7	U		<5.5	U			
		VMP-16-13.5-050219	5/2/2019	<0.3	U		<0.3	U		<0.3	U		<1.1	U		<0.36	U		<0.35	U		<0.35	U		<1.1	U			
		VMP-16-13.5-072419	7/24/2019	<1.4	U		<1.4	U		<1.4	U		<4.9	U		<1.6	U		<1.6	U		<1.6	U		<5.1	U			
	19 ft	VMP-16-13.5-102219	10/22/2019	<0.67	U		<0.67	U		<0.67	U		0.51	J		<0.78	U		<0.77	U		<0.77	U		<2.4	U			
		VMP-16-19-012819	1/28/2019	<1.8	U		<1.8	U		<1.8	U		<16	U		<2.1	U		<2	U		<2	U		<6.5	U			
		VMP-16-19-050219	5/2/2019	<0.96	U		<0.96	U		<0.96	U		<3.4	U		<1.1	U		<1.1	U		<1.1	U		<3.5	U			
		VMP-16-19-072419	7/24/2019	<1.2	U		<1.2	U		<1.2	U		<4.4	U		<1.4	U		<1.4	U		<1.4	U		<4.5	U			
	31 ft	VMP-16-19-102219	10/22/2019	<2.7	U		<2.7	U		<2.7	U		2	J		<3.2	U		<3.1	U		<3.1	U		<9.9	U			
		VMP-16-31-012819	1/28/2019	<7.2	U		<7.2	U		<7.2	U		26	J		<8.4	U		<8.2	U		<8.2	U		<26	U			
VMP-16-31-050219		5/2/2019	<1.2	U		<1.2	U		<1.2	U		<4	U		<1.3	U		<1.3	U		<1.3	U		<4.2	U				
VMP-16-31-050219-DUP		5/2/2019	<1.5	U		<1.5	U		<1.5	U		<5.4	U		<1.8	U		<1.8	U		<1.8	U		<5.6	U				
VMP-16-31-072419		7/24/2019	<1.3	U		<1.3	U		<1.3	U		<4.5	U		<1.5	U		<1.5	U		<1.5	U		<4.6	U				
VMP-16-31-072419-DUP	7/24/2019	<1.2	U		<1.2	U		<1.2	U		<4.3	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U					
VMP-16-31-102219	10/22/2019	<2.6	U		<2.6	U		<2.6	U		1.8	J		<3	U		<3	U		<3	U		<9.4	U					
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U			
		VMP-17-5-042519	4/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U			
		VMP-17-5-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U			
		VMP-17-5-102119	10/21/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U			
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U			
		VMP-25-5-012219-DUP	1/22/2019	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U			
		VMP-25-5-042519	4/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-25-5-042519-DUP	4/25/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U			
		VMP-25-5-072519	7/25/2019	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U			
		VMP-25-5-072519-DUP	7/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-25-5-102819	10/28/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	ND,UJ	UJ	<0.0058	U		<0.0058	U		<0.018	U			
VMP-29	10 ft	VMP-25-5-102819-DUP	10/28/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	ND,UJ	UJ	<0.0056	U		<0.0056	U		<0.018	U			
		VMP-29-10-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U			
		VMP-29-10-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U			
		VMP-29-10-102519	10/25/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U			
	18 ft	VMP-29-18-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U			
		VMP-29-18-050219	5/2/2019	<0.005	U		<0.005	U		<0.005	U		<0.04	U		<0.0059	U		<0.0058	U		<0.0058	U		0.0027	J			
		VMP-29-18-073119	7/31/2019	<0.0084	U		<0.0084	U		<0.0084	U		<0.073	U		<0.0098	U		<0.0096	U		<0.0096	U		<0.03	U			
	26 ft	VMP-29-18-102519	10/25/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U			
		VMP-29-26-012519	1/25/2019	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U			
		VMP-29-26-012519-DUP	1/25/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U			
26 ft	VMP-29-26-050219	5/2/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U				
	VMP-29-26-073119	7/31/2019	<0.02	U		<0.02	U		<0.02	U		<0.17	U		<0.023	U		<0.022	U		<0.022	U		<0.072	U				
	VMP-29-26-102519	10/25/2019	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U				
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U			
		VMP-30-10-050219	5/2/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U			
		VMP-30-10-073119	7/31/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U			
		VMP-30-10-102519	10/25/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	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-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				1600			1100000			510			45			2.3						2.3					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	<0.44	U		<0.44	U		<0.44	U		0.59	J		<0.51	U		<0.5	U		<0.5	U		<1.6	U	
		VMP-41-10-022719R	2/27/2019	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-10-050319	5/3/2019	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-10-072619	7/26/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-10-102819	10/28/2019	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	ND,UJ	UJ	<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-41-20-012919	1/29/2019	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-41-20-050319	5/3/2019	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-20-072619	7/26/2019	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-41-20-102819	10/28/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	ND,UJ	UJ	<0.0058	U		<0.0058	U		<0.018	U	
26 ft	VMP-41-26-012919	1/29/2019	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U		
	VMP-41-26-050319	5/3/2019	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U		
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<0.49	U		<0.49	U		<0.49	U		<1.7	U		<0.58	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-55-20-073019	7/30/2019	<0.033	U		<0.033	U		<0.033	U		<0.29	U		<0.038	U		<0.037	U		<0.037	U		<0.12	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	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane			
				9.3																								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	0.0026	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U		
		VMP-10-5-050219	5/2/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-10-5-072619	7/26/2019	0.0032	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U		
	10 ft	VMP-10-5-102519	10/25/2019	<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U		
		VMP-10-10-012419	1/24/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		<0.0036	U		
		VMP-10-10-050219	5/2/2019	0.0083	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	20 ft	VMP-10-10-072619	7/26/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
		VMP-10-10-102519	10/25/2019	<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U		
		VMP-10-20-012419	1/24/2019	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U		
	30 ft	VMP-10-20-050219	5/2/2019	<0.0092	U		0.0015	J		<0.006	U		<0.0094	U		<0.0085	U		0.014			<0.052	U		0.025			
		VMP-10-20-072619	7/26/2019	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U		
		VMP-10-20-102519	10/25/2019	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U		
VMP-11	5 ft	VMP-10-30-020119	2/1/2019	0.0027	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-10-30-050219	5/2/2019	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-10-30-050219-DUP	5/2/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U		
	8 ft	VMP-11-5-020419	2/4/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U		
		VMP-11-5-043019	4/30/2019	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U		
		VMP-11-5-073119	7/31/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
	29 ft	VMP-11-5-102519	10/25/2019	<0.0089	U	UJ	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0015	J		
		VMP-11-8-020419	2/4/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-11-8-043019	4/30/2019	<0.0087	U		0.0075			<0.0056	U		<0.0088	U		<0.008	U		0.023			<0.049	U		0.024			
	38 ft	VMP-11-8-073119	7/31/2019	<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-11-8-102519	10/25/2019	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
		VMP-11-29-020419	2/4/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
VMP-12	5 ft	VMP-11-29-043019	4/30/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.00087	J		<0.051	U		<0.0042	U		
		VMP-11-29-073119	7/31/2019	<0.0087	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U		
		VMP-11-29-102519	10/25/2019	<0.01	U	UJ	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U		
	11.5 ft	VMP-11-38-020119	2/1/2019	0.0036	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0019	J		
		VMP-11-38-020119-DUP	2/1/2019	0.0039	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0023	J		
		VMP-11-38-043019	4/30/2019	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U		
25 ft	VMP-11-38-043019-Dup	4/30/2019	<0.0087	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.00094	J		<0.049	U		<0.004	U			
	VMP-11-38-073119	7/31/2019	<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U			
	VMP-11-38-102519	10/25/2019	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U			
VMP-12	5 ft	VMP-12-5-012819	1/28/2019	0.0059	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-12-5-012819-DUP	1/28/2019	0.0068	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U		
		VMP-12-5-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	ND,UJ		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U		
	11.5 ft	VMP-12-5-072419	7/24/2019	0.003	J		0.018			0.0028	J		<0.01	U		<0.0093	U		0.021			<0.056	U		0.017			
		VMP-12-5-102219	10/22/2019	0.013	J0	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U		
		VMP-12-5-102219-DUP	10/22/2019	0.01			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U		
	25 ft	VMP-12-11.5-012819	1/28/2019	0.004	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U		
		VMP-12-11.5-050319	5/3/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	ND,UJ		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U		
		VMP-12-11.5-072419	7/24/2019	<0.0095	U		<0.0055	U		0.0013	J		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0014	J		
	VMP-12	25 ft	VMP-12-11.5-102219	10/22/2019	0.0088	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0021	J	
			VMP-12-25-012819	1/28/2019	0.0053	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
			VMP-12-25-050319	5/3/2019	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	ND,UJ		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
25 ft		VMP-12-25-050319-DUP	5/3/2019	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	ND,UJ		<0.0075	U		<0.0044	U		<0.046	U		<0.0038	U		
		VMP-12-25-072419	7/24/2019	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0022	J		<0.057	U		0.0065			
		VMP-12-25-102219	10/22/2019	0.012		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	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	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				9.3																							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.0082	U		<0.0047	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.046	U		<0.0038	U	
		VMP-13-5-050119	5/1/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U	UJ	<0.0087	U		<0.0051	U		<0.053	U		0.0042	J	
		VMP-13-5-073119	7/31/2019	0.019			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-5-102819	10/28/2019	<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.0055		
		VMP-13-10.5-050119	5/1/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U	UJ	<0.0088	U		<0.0052	U		<0.054	U		0.0025	J	
		VMP-13-10.5-073119	7/31/2019	<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-13-10.5-102819	10/28/2019	<0.0096	U	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-21.5-050119	5/1/2019	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U	UJ	<0.0091	U		<0.0053	U		<0.055	U		0.0047		
		VMP-13-21.5-073119	7/31/2019	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-13-21.5-102819	10/28/2019	<0.01	U	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U		
	VMP-13-29.5-050119	5/1/2019	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U	UJ	<0.0091	U		<0.0053	U		<0.056	U		0.0025	J		
	VMP-13-29.5-102819	10/28/2019	0.02		J	0.0015	J		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	0.0096			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-14-5-012919-DUP	1/29/2019	0.0077	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-14-5-050119	5/1/2019	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U	UJ	<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-5-073019	7/30/2019	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-102819	10/28/2019	<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-14-11.5-050119	5/1/2019	0.017			<0.0053	U		<0.006	U		<0.0093	U	UJ	<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-11.5-073019	7/30/2019	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-11.5-102819	10/28/2019	<0.01	U	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
	20 ft	VMP-14-20-020419	2/4/2019	0.0099			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-20-050119	5/1/2019	0.014			<0.0057	U		<0.0065	U		<0.01	U	UJ	<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
VMP-14-20-073019		7/30/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U		
29 ft	VMP-14-20-102819	10/28/2019	<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U		
	VMP-14-29-020419	2/4/2019	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U		
	VMP-14-29-050119	5/1/2019	<0.0092	U		0.014			<0.006	U		<0.0093	U	UJ	<0.0085	U		0.004	J		<0.052	U		<0.0043	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-15-5-050119	5/1/2019	0.016			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-15-5-073019	7/30/2019	<0.0093	U		0.0015	J		<0.0061	U		0.0034	J		0.0022	J		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-15-5-102219	10/22/2019	0.0094	JO	J	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-15-21.5-050119	5/1/2019	<0.06	U		<0.035	U		<0.039	U		<0.061	U		<0.056	U		0.0089	J		<0.34	U		<0.028	U	
		VMP-15-21.5-073019	7/30/2019	<0.068	U		<0.039	U		<0.044	U		<0.069	U		<0.063	U		<0.037	U		<0.38	U		<0.032	U	
		VMP-15-21.5-102219	10/22/2019	<0.092	ND,UJ	UJ	<0.053	U		<0.06	U		<0.094	U		<0.086	U		<0.05	U		<0.52	U		<0.043	U	
		VMP-15-25.5-012419	1/24/2019	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
25.5 ft	VMP-15-25.5-050119	5/1/2019	0.025	J		<0.034	U		<0.039	U		<0.06	U		<0.055	U		<0.032	U		<0.34	U		<0.028	U		
	VMP-15-25.5-050119-DUP	5/1/2019	0.024	J		<0.033	U		<0.038	U		<0.059	U		<0.054	U		<0.032	U		<0.33	U		<0.027	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	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
				9.3																							
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.007		
		VMP-16-5-050219	5/2/2019	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U	UJ	<0.0086	U		<0.0051	U		<0.053	U		0.0029	J	
		VMP-16-5-072419	7/24/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-16-5-102219	10/22/2019	<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
	13.5 ft	VMP-16-13.5-012819	1/28/2019	1.2	J		<1.6	U		0.39	J		<2.9	U		<2.6	U		<1.6	U		<16	U		1	J	
		VMP-16-13.5-050219	5/2/2019	<0.58	U		<0.33	U		<0.38	U		<0.59	U		<0.54	U		<0.32	U		<3.3	U		0.72		
		VMP-16-13.5-072419	7/24/2019	<2.6	U		<1.5	U		<1.7	U		<2.7	U		<2.5	U		<1.4	U		<15	U		2.4		
		VMP-16-13.5-102219	10/22/2019	<1.3	U		<0.73	U		<0.83	U		<1.3	U		<1.2	U		0.3	J		<7.2	U		0.16	J	
	19 ft	VMP-16-19-012819	1/28/2019	<3.4	U		2.4			6.9			<3.4	U		<3.1	U		<1.8	U		<19	U		1.7		
		VMP-16-19-050219	5/2/2019	<1.8	U		4.7			40			<1.8	U		<1.7	U		5.2			<10	U		3.6		
		VMP-16-19-072419	7/24/2019	<2.4	U		3.8			28			<2.4	U		<2.2	U		<1.3	U		<13	U		2.1		
		VMP-16-19-102219	10/22/2019	<5.2	U		5.6			32			<5.3	U		<4.8	U		3.2			<29	U		2.1	J	
	31 ft	VMP-16-31-012819	1/28/2019	<14	U		1.7	J		3.2	J		<14	U		<13	U		<7.4	U		<77	U		1.7	J	
		VMP-16-31-050219	5/2/2019	<2.2	U		2.7			16			<2.2	U		<2	U		<1.2	U		<12	U		2.4		
VMP-16-31-050219-DUP		5/2/2019	<2.9	U		2.6			16			<3	U		<2.7	U		<1.6	U		<16	U		2.2			
VMP-16-31-072419		7/24/2019	<2.4	U		2.9			13			<2.5	U		<2.2	U		<1.3	U		<14	U		1.3			
VMP-16-31-072419-DUP	7/24/2019	<2.3	U		2.5			13			<2.4	U		<2.2	U		<1.3	U		<13	U		1	J			
VMP-16-31-102219	10/22/2019	<4.9	U		4.9			14			<5	U		<4.5	U		1.5	J		<28	U		2.5				
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	0.0026	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-17-5-042519	4/25/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-17-5-073119	7/31/2019	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-17-5-102119	10/21/2019	0.0092	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0078	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		<0.0043	U		<0.044	U		<0.0037	U	
		VMP-25-5-042519	4/25/2019	0.0068	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0031	J		<0.052	U		0.0043		
		VMP-25-5-042519-DUP	4/25/2019	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-25-5-072519	7/25/2019	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.0016	J		<0.055	U		0.0091		
		VMP-25-5-072519-DUP	7/25/2019	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0039	J		<0.052	U		0.016		
		VMP-25-5-102819	10/28/2019	<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
VMP-25-5-102819-DUP	10/28/2019	<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U			
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	0.0035	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-29-10-073119	7/31/2019	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-29-10-102519	10/25/2019	0.012		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	18 ft	VMP-29-18-012519	1/25/2019	0.022			<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		0.002	J		<0.045	U		0.0053		
		VMP-29-18-050219	5/2/2019	0.0047	J		0.005	J		0.015			<0.0098	U		<0.0089	U		0.004	J		<0.054	U		0.0067		
		VMP-29-18-073119	7/31/2019	<0.016	U	UJ	<0.0092	U		<0.01	U		<0.016	U		<0.015	U		<0.0086	U		<0.09	U		<0.0074	U	
		VMP-29-18-102519	10/25/2019	0.01		J	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	26 ft	VMP-29-26-012519	1/25/2019	0.014			0.0011	J		<0.0052	U		<0.0081	U		<0.0074	U		0.0025	J		<0.045	U		0.0051		
		VMP-29-26-012519-DUP	1/25/2019	0.0071	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.0011	J		<0.049	U		0.0042		
		VMP-29-26-050219	5/2/2019	0.0045	J		0.0051	J		0.0015	J		<0.0095	U		<0.0087	U		0.0075			<0.053	U		<0.0044	U	
VMP-29-26-073119	7/31/2019	<0.037	U	UJ	<0.022	U		<0.024	U		<0.038	U		<0.035	U		<0.02	U		<0.21	U		<0.018	U			
VMP-29-26-102519	10/25/2019	0.0066	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U			
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	0.006	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-10-050219	5/2/2019	0.0091			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-10-073119	7/31/2019	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-30-10-102519	10/25/2019	0.0079	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	18 ft	VMP-30-18-012519	1/25/2019	0.0055	J		<0.0046	U		<0.0052	U		<0.008	U		<0.0073	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-30-18-050219	5/2/2019	<0.0091	U		0.0016	J		0.0012	J		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-30-18-073119	7/31/2019	0.012			0.0019	J		<0.0061	U		<0.0096	U		<0.0087	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	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane					
				9.3																										
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	0.4	J		18			1.6			<0.84	U		<0.77	U		59			<4.7	U		57					
		VMP-41-10-022719R	2/27/2019	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U				
		VMP-41-10-050319	5/3/2019	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	ND,UJ		<0.0084	U		<0.005	U		<0.052	U		0.0061					
		VMP-41-10-072619	7/26/2019	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U				
	VMP-41-10-102819	10/28/2019	<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0024	J					
	VMP-41-20-012919	1/29/2019	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U					
	VMP-41-20-050319	5/3/2019	<0.01	U		<0.0061	U		<0.0069	U		<0.011	ND,UJ		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U					
	VMP-41-20-072619	7/26/2019	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U					
	VMP-41-20-072619-DUP	7/26/2019	0.0033	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U					
	VMP-41-20-102819	10/28/2019	<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U					
VMP-41	26 ft	VMP-41-26-012919	1/29/2019	<0.0084	U		<0.0049	U		0.0033	J		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U				
		VMP-41-26-050319	5/3/2019	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	ND,UJ		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U				
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<0.94	U		<0.54	U		<0.61	U		<0.95	U		<0.87	U		<0.51	U		<5.3	U		1.4					
		VMP-55-20-073019	7/30/2019	<0.062	U		<0.036	U		<0.04	U		<0.063	U		<0.058	U		<0.034	U		<0.35	U		<0.029	U				

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				3500			3500			3500			24000			24000			8500			8500					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.017	U		0.0053	J		<0.0052	U		<0.0043	U		<0.015	U		<0.01	U		<0.0052	U		<0.0045	U	
		VMP-10-5-050219	5/2/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-10-5-072619	7/26/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		0.0019	J		0.00056	J		<0.0056	U	
	10 ft	VMP-10-5-102519	10/25/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
		VMP-10-10-012419	1/24/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0042	U		<0.015	U		0.0021	J		<0.0051	U		<0.0044	U	
		VMP-10-10-050219	5/2/2019	<0.02	U		0.0032	J		<0.0061	U		<0.0051	U		<0.018	U		0.04			<0.0061	U		<0.0053	U	
	20 ft	VMP-10-10-072619	7/26/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-10-10-102519	10/25/2019	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U		<0.0058	U	
		VMP-10-20-012419	1/24/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		0.0026	J		<0.0051	U		<0.0044	U	
	30 ft	VMP-10-20-050219	5/2/2019	<0.02	U		0.026			<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-10-20-072619	7/26/2019	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.021	U		0.0042	J		<0.007	U		<0.0061	U	
		VMP-10-20-102519	10/25/2019	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U		<0.0058	U	
VMP-11	5 ft	VMP-11-5-020419	2/4/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0041	J		<0.0058	U		<0.0051	U	
		VMP-11-5-043019	4/30/2019	<0.019	U		0.002	J		0.0015	J		<0.0048	U		<0.017	U		<0.012	U		0.0041	J		<0.005	U	
		VMP-11-5-073119	7/31/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0066	J		<0.0062	U		<0.0054	U	
	8 ft	VMP-11-5-102519	10/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U		<0.005	U	
		VMP-11-8-020419	2/4/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0044	J		<0.0059	U		<0.0052	U	
		VMP-11-8-043019	4/30/2019	<0.019	U		0.0055	J		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U	
	29 ft	VMP-11-8-073119	7/31/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0084	J		<0.0058	U		<0.005	U	
		VMP-11-8-102519	10/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-11-29-020419	2/4/2019	<0.021	U		0.0071	J		0.0038	J		<0.0052	U		<0.018	U		<0.012	U		0.014			<0.0054	U	
	38 ft	VMP-11-29-043019	4/30/2019	<0.019	U		<0.014	U		0.00096	J		<0.0049	U		<0.017	U		<0.012	U		0.0026	J		<0.0051	U	
		VMP-11-29-073119	7/31/2019	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.017	U		0.0048	J		<0.0057	U		<0.0049	U	
		VMP-11-29-102519	10/25/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U		<0.0058	U	
VMP-11-38-020119		2/1/2019	<0.018	U		0.0024	J		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U		
VMP-11-38-020119-DUP		2/1/2019	<0.019	U		0.0027	J		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U		
VMP-11-38-043019		4/30/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		<0.011	U		<0.0055	U		<0.0048	U		
VMP-12	5 ft	VMP-11-38-043019-Dup	4/30/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0059	J		<0.0056	U		<0.0049	U	
		VMP-11-38-073119	7/31/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-11-38-102519	10/25/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.0016	J		<0.0051	U	
	11.5 ft	VMP-12-5-012819	1/28/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0021	J		<0.0058	U		<0.005	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		0.0028	J		<0.0058	U		<0.005	U	
		VMP-12-5-050319	5/3/2019	<0.02	U		0.0043	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
	25 ft	VMP-12-5-072419	7/24/2019	<0.022	U		0.0077	J		0.00069	J		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U	
		VMP-12-5-102219	10/22/2019	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.014	U		<0.0071	U		<0.0062	U	
		VMP-12-5-102219-DUP	10/22/2019	<0.021	U		0.0074	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
	25 ft	VMP-12-11.5-012819	1/28/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0015	J		<0.0056	U		<0.0049	U	
		VMP-12-11.5-050319	5/3/2019	<0.02	U		0.0042	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-12-11.5-072419	7/24/2019	<0.021	U		0.0029	J		<0.0011	J		<0.0052	U		<0.018	U		<0.012	U		0.0027	J		<0.0054	U	
VMP-12-11.5-102219		10/22/2019	<0.02	U		0.0041	J		<0.0061	U		<0.005	U		<0.018	U		0.0018	J		<0.0061	U		<0.0053	U		
VMP-12-25-012819		1/28/2019	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.016	U		0.0034	J		<0.0056	U		<0.0048	U		
VMP-12-25-050319		5/3/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U		
25 ft	VMP-12-25-050319-DUP	5/3/2019	<0.018	U		0.0017	J		<0.0052	U		<0.0044	U		<0.015	U		<0.01	U		<0.0053	U		<0.0046	U		
	VMP-12-25-072419	7/24/2019	<0.022	U		0.0078	J		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0057	U		
	VMP-12-25-102219	10/22/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				3500			3500			3500			24000			24000			8500			8500					
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0046	U	
		VMP-13-5-050119	5/1/2019	<0.02	U		0.014	J		<0.0061	U		<0.0051	U		<0.018	U		0.0052	J		<0.0061	U		<0.0053	U	
		VMP-13-5-073119	7/31/2019	<0.02	U		0.0054	J		<0.0059	U		<0.0049	U		<0.017	U		0.037			<0.0059	U		<0.0051	U	
		VMP-13-5-102819	10/28/2019	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.018	U		0.0046	J		<0.0054	U		<0.0045	U		<0.016	U		0.006	J		<0.0054	U		<0.0047	U	
		VMP-13-10.5-050119	5/1/2019	<0.021	U		0.013	J		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-13-10.5-073119	7/31/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0075	J		<0.006	U		<0.0052	U	
		VMP-13-10.5-102819	10/28/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0039	J		<0.0056	U		<0.0049	U	
		VMP-13-21.5-050119	5/1/2019	<0.021	U		0.016			<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0055	U	
		VMP-13-21.5-073119	7/31/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0058	J		<0.006	U		<0.0052	U	
		VMP-13-21.5-102819	10/28/2019	<0.022	U		0.017			<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0057	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		<0.011	U		0.0015	J		<0.0046	U		
	VMP-13-29.5-050119	5/1/2019	<0.021	U		0.0085	J		<0.0064	U		<0.0053	U		<0.019	U		<0.013	U		<0.0064	U		<0.0056	U		
	VMP-13-29.5-102819	10/28/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		0.0027	J		<0.0059	U		<0.0051	U		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.018	U		0.0048	J		<0.0055	U		<0.0046	U		<0.016	U		0.0028	J		<0.0055	U		<0.0048	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U		0.0029	J		<0.0055	U		<0.0048	U	
		VMP-14-5-050119	5/1/2019	<0.02	U		0.0037	J		<0.006	U		<0.005	U		<0.018	U		0.014			<0.006	U		<0.0052	U	
		VMP-14-5-073019	7/30/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.02			<0.0062	U		<0.0054	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0096	J		<0.0061	U		<0.0053	U	
		VMP-14-5-102819	10/28/2019	<0.021	U		0.009	J		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0029	J		<0.0056	U		<0.0049	U	
		VMP-14-11.5-050119	5/1/2019	<0.02	U		0.0041	J		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-14-11.5-073019	7/30/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0074	J		<0.0061	U		<0.0053	U	
		VMP-14-11.5-102819	10/28/2019	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U		<0.014	U		<0.0069	U		<0.006	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		0.0031	J		<0.0059	U		<0.0052	U	
		VMP-14-20-050119	5/1/2019	<0.022	U		0.0065	J		<0.0065	U		<0.0054	U		<0.019	U		<0.013	U		<0.0065	U		<0.0056	U	
VMP-14-20-073019		7/30/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		0.0076	J		<0.0063	U		<0.0055	U		
VMP-14-20-102819		10/28/2019	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.013	U		<0.0067	U		<0.0058	U		
29 ft	VMP-14-29-020419	2/4/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.0009	J		<0.0051	U		
	VMP-14-29-050119	5/1/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		0.0019	J		<0.0056	U		<0.0049	U	
		VMP-15-5-050119	5/1/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		0.0028	J		<0.0058	U		<0.0051	U	
		VMP-15-5-073019	7/30/2019	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U		0.01	J		<0.0061	U		<0.0053	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-15-5-102219	10/22/2019	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		<0.0054	U		<0.0047	U	
		VMP-15-21.5-050119	5/1/2019	<0.13	U		0.062	J		<0.039	U		<0.033	U		<0.12	U		<0.079	U		<0.039	U		<0.034	U	
		VMP-15-21.5-073019	7/30/2019	0.094	J		2.9			<0.044	U		<0.037	U		<0.13	U		<0.088	U		<0.044	U		<0.038	U	
		VMP-15-21.5-102219	10/22/2019	<0.2	U		0.3			<0.06	U		<0.05	U		<0.18	U		<0.12	U		<0.06	U		<0.052	U	
		VMP-15-21.5-012419	1/24/2019	<0.018	U		0.002	J		<0.0054	U		<0.0045	U		<0.016	U		0.0022	J		<0.0054	U		<0.0047	U	
25.5 ft	VMP-15-25.5-050119	5/1/2019	<0.13	U		2.7			<0.039	U		<0.032	U		<0.11	U		<0.078	U		<0.039	U		<0.034	U		
	VMP-15-25.5-050119-DUP	5/1/2019	<0.13	U		2.7			<0.038	U		<0.032	U		<0.11	U		<0.076	U		<0.038	U		<0.033	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene) 3500			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE) 24000			2-Propanol			n-Propylbenzene			Styrene 8500		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
				VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.019	U		0.1			<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		<0.0058	U
VMP-16-5-050219	5/2/2019	<0.02	U				0.01	J		<0.0061	U		<0.005	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
VMP-16-5-072419	7/24/2019	<0.021	U				<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0026	J		<0.0062	U		<0.0054	U	
VMP-16-5-102219	10/22/2019	<0.023	U				<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.0068	U		<0.0059	U	
13.5 ft	VMP-16-13.5-012819	1/28/2019	<6.2		U		98			4.8			<1.6	U		<5.5	U		2.2	J		8.1			<1.6	U	
	VMP-16-13.5-050219	5/2/2019	<1.3		U		56			0.66			<0.32	U		<0.28	U		<0.76	U		1.2			<0.33	U	
	VMP-16-13.5-072419	7/24/2019	<5.8		U		100			3.5			<1.4	U		<1.3	U		<3.5	U		6			<1.5	U	
19 ft	VMP-16-13.5-102219	10/22/2019	<2.8		U		20			9.8			<0.69	U		<0.61	U		<1.7	U		22			<0.72	U	
	VMP-16-19-012819	1/28/2019	<7.4		U		170			20			<1.8	U		<6.5	U		2.5	J		40			<1.9	U	
	VMP-16-19-050219	5/2/2019	<4		U		250			59			<0.99	U		0.12	J		<2.4	U		140			<1	U	
	VMP-16-19-072419	7/24/2019	<5.2		U		130			50			<1.3	U		<1.1	U		<3.1	U		120			<1.3	U	
31 ft	VMP-16-19-102219	10/22/2019	<11		U		310			86			<2.8	U		<2.5	U		<6.8	U		200			<2.9	U	
	VMP-16-31-012819	1/28/2019	<30		U		660			33			<7.4	U		<26	U		4.3	J		71			<7.7	U	
	VMP-16-31-050219	5/2/2019	<4.8	U		580			90			<1.2	U		0.25	J		<2.9	U		250			<1.2	U		
	VMP-16-31-050219-DUP	5/2/2019	<6.4	U		590			90			<1.6	U		<1.4	U		<3.8	U		250			<1.6	U		
	VMP-16-31-072419	7/24/2019	<5.3	U		340			64			<1.3	U		0.16	J		<3.2	U		180			<1.4	U		
VMP-16-31-072419-DUP	7/24/2019	<5.1	U		320			60			<1.3	U		0.16	J		<3	U		170			<1.3	U			
VMP-16-31-102219	10/22/2019	<11	U		700			91			<2.7	U		<2.3	U		<6.4	U		240			<2.8	U			
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.016	U		0.0019	J		<0.0053	U		<0.0046	U	
		VMP-17-5-042519	4/25/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
		VMP-17-5-073119	7/31/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-17-5-102119	10/21/2019	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.013	U		<0.0063	U		<0.0055	U	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		0.0025	J		<0.0054	U		<0.0047	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.017	U		<0.012	U		<0.0051	U		<0.0043	U		<0.015	U		0.0021	J		<0.0051	U		<0.0044	U	
		VMP-25-5-042519	4/25/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		0.0042	J		<0.006	U		<0.0052	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
		VMP-25-5-072519	7/25/2019	<0.021	U		0.11			<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.0063	U		<0.0055	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.02	U		0.12			<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-25-5-102819	10/28/2019	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.012	U		<0.0062	U		<0.0054	U	
VMP-25-5-102819-DUP	10/28/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U			
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	<0.02	U		0.0042	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
		VMP-29-10-073119	7/31/2019	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.012	U		<0.006	U		<0.0052	U	
		VMP-29-10-102519	10/25/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0017	J		<0.0065	U		<0.0056	U	
	18 ft	VMP-29-18-012519	1/25/2019	<0.017	U		0.017			<0.0052	U		<0.0043	U		<0.015	U		0.0051	J		<0.0052	U		<0.0045	U	
		VMP-29-18-050219	5/2/2019	<0.021	U		0.012	J		0.00089	J		<0.0052	U		<0.018	U		<0.012	U		<0.0063	U		<0.0054	U	
		VMP-29-18-073119	7/31/2019	<0.034	U		<0.025	U		<0.01	U		<0.0086	U		<0.03	U		<0.021	U		<0.01	U		<0.009	U	
	26 ft	VMP-29-18-102519	10/25/2019	<0.021	U		0.0044	J		<0.0064	U		<0.0054	U		<0.019	U		0.0056	J		<0.0064	U		<0.0056	U	
		VMP-29-26-012519	1/25/2019	<0.017	U		0.0042	J		<0.0052	U		<0.0043	U		<0.015	U		0.0028	J		<0.0052	U		<0.0045	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.019	U		0.0038	J		<0.0056	U		<0.0047	U		<0.016	U		0.003	J		<0.0056	U		<0.0049	U	
		VMP-29-26-050219	5/2/2019	<0.02	U		0.0037	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U	
VMP-30	10 ft	VMP-29-26-073119	7/31/2019	<0.081	U		<0.059	U		<0.024	U		<0.02	U		<0.072	U		<0.049	U		<0.024	U		<0.021	U	
		VMP-29-26-102519	10/25/2019	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.013	U		<0.0066	U		<0.0057	U	
		VMP-30-10-012519	1/25/2019	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		<0.0058	U		<0.0051	U	
		VMP-30-10-050219	5/2/2019	<0.02	U		0.004	J		<0.0059	U		<0.0049	U		<0.017	U		0.024			<0.0059	U		<0.0051	U	
	18 ft	VMP-30-10-073119	7/31/2019	<0.02	U		0.01	J		<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-30-10-102519	10/25/2019	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		0.0038	J		<0.0061	U		<0.0053	U	
		VMP-30-18-012519	1/25/2019	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.015	U		0.0022	J		<0.0052	U		<0.0045	U	
26 ft	VMP-30-18-050219	5/2/2019	<0.02	U		0.011	J		<0.0063	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		0.0022	J		
	VMP-30-18-073119	7/31/2019	<0.02	U		0.0068	J		0.0033	J		<0.0051	U		<0.018	U		0.011	J		0.0061	J		<0.0053	U		

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

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene		
				3500			24000			8500																	
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	<1.8	U		17			0.42	J		<0.45	U		<1.6	U		0.49	J		0.41	J		<0.47	U	
		VMP-41-10-022719R	2/27/2019	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		<0.0059	U		<0.0051	U	
		VMP-41-10-050319	5/3/2019	<0.02	U		0.021			<0.0059	U		<0.005	U		<0.017	U		<0.012	U		<0.0059	U		<0.0052	U	
		VMP-41-10-072619	7/26/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0048	J		<0.0065	U		<0.0056	U	
	VMP-41-10-102819	10/28/2019	<0.02	U		0.0092	J		<0.0061	U		<0.0051	U		<0.018	U		<0.012	U		<0.0061	U		<0.0053	U		
	VMP-41-20-012919	1/29/2019	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.016	U		<0.011	U		<0.0056	U		<0.0049	U		
	VMP-41-20-050319	5/3/2019	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.02	U		<0.014	U		<0.0069	U		<0.006	U		
	VMP-41-20-072619	7/26/2019	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		0.0042	J		<0.0065	U		<0.0056	U		
	VMP-41-20-072619-DUP	7/26/2019	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		0.0045	J		<0.0071	U		<0.0061	U		
	VMP-41-20-102819	10/28/2019	<0.021	U		0.0066	J		<0.0062	U		<0.0052	U		<0.018	U		0.0055	J		<0.0062	U		<0.0054	U		
VMP-41-26-012919	1/29/2019	<0.018	U		<0.013	U		0.017			<0.0046	U		<0.016	U		<0.011	U		0.051			<0.0048	U			
VMP-41-26-050319	5/3/2019	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.012	U		<0.0062	U		<0.0053	U			
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<2	U	UJ	270			<0.61	U		<0.51	U		0.082	J		<1.2	U		<0.61	U		<0.53	U	
		VMP-55-20-073019	7/30/2019	<0.14	U		0.082	J		<0.04	U		<0.034	U		0.035	J		<0.081	U		<0.04	U		<0.035	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	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				4			40000			25			41000			170000			12								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-10-5-050219	5/2/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.00092	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-10-5-072619	7/26/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
	10 ft	VMP-10-10-012419	1/24/2019	<0.0071	U		<0.007	U		<0.003	U		<0.0039	U		<0.031	U		<0.0056	U		<0.0056	U		<0.0056	U	
		VMP-10-10-050219	5/2/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.0006	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-10-10-072619	7/26/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	20 ft	VMP-10-10-102519	10/25/2019	<0.0094	U		0.0043	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
		VMP-10-20-012419	1/24/2019	<0.0072	U		<0.0071	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-10-20-050219	5/2/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.019			<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
	30 ft	VMP-10-20-072619	7/26/2019	<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U		<0.0077	U	
		VMP-10-20-102519	10/25/2019	<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0.0073	U	
		VMP-10-30-020119	2/1/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U		<0.0063	U	
VMP-11	5 ft	VMP-11-5-020419	2/4/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-5-043019	4/30/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-11-5-073119	7/31/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.0017	J		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
	8 ft	VMP-11-5-102519	10/25/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-8-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-11-8-043019	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.039			<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
	29 ft	VMP-11-8-073119	7/31/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-11-8-102519	10/25/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-11-29-020419	2/4/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
	38 ft	VMP-11-29-043019	4/30/2019	<0.0082	U		<0.0081	U		<0.0035	U		0.002	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-29-073119	7/31/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-11-29-102519	10/25/2019	<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U		<0.0072	U	
VMP-11-38-020119		2/1/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
VMP-11-38-020119-DUP		2/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
VMP-11-38-043019		4/30/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
VMP-12	5 ft	VMP-11-38-043019-Dup	4/30/2019	<0.0079	U		<0.0078	U		<0.0034	U		0.0017	J		<0.034	U		<0.0063	U		<0.0063	U		<0.0062	U	
		VMP-11-38-073119	7/31/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-11-38-102519	10/25/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	11.5 ft	VMP-12-5-012819	1/28/2019	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-12-5-012819-DUP	1/28/2019	<0.008	U		0.0026	J		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-12-5-050319	5/3/2019	<0.0085	U		<0.0084	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
25 ft	VMP-12-5-072419	7/24/2019	<0.0091	U		<0.009	U		<0.0039	U		0.075			<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U		
	VMP-12-5-102219	10/22/2019	<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U		<0.0078	U		
	VMP-12-5-102219-DUP	10/22/2019	<0.0086	U		<0.0085	U		<0.0037	U		0.00076	J		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U		
25 ft	VMP-12-11.5-012819	1/28/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U		
	VMP-12-11.5-050319	5/3/2019	<0.0084	U		<0.0083	U		<0.0036	U		0.0025	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U		
	VMP-12-11.5-072419	7/24/2019	<0.0087	U		0.0015	J		<0.0037	U		0.00094	J		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U		
25 ft	VMP-12-11.5-102219	10/22/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U		
	VMP-12-25-012819	1/28/2019	<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0061	U		
	VMP-12-25-050319	5/3/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
25 ft	VMP-12-25-050319-DUP	5/3/2019	<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U		<0.0058	U		
	VMP-12-25-072419	7/24/2019	<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U		
25 ft	VMP-12-25-102219	10/22/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	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	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				4			40000			25			41000			170000			12								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	<0.0075	U		<0.0074	U		<0.0032	U		0.00085	J		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-13-5-050119	5/1/2019	<0.0085	U		<0.0084	U		<0.0037	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-13-5-073119	7/31/2019	<0.0082	U		0.0048	J		<0.0035	U		0.0045	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-13-5-102819	10/28/2019	<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U		0.0027	J	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-13-10.5-050119	5/1/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-13-10.5-073119	7/31/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-13-10.5-102819	10/28/2019	<0.0088	U		0.0026	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	<0.0079	U		0.0015	J		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-13-21.5-050119	5/1/2019	<0.0089	U		<0.0088	U		<0.0038	U		0.0022	J		<0.038	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-13-21.5-073119	7/31/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0066	U	
		VMP-13-21.5-102819	10/28/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U		
	VMP-13-29.5-050119	5/1/2019	<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U		
	VMP-13-29.5-102819	10/28/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.0058	J		<0.036	U		<0.0066	U		<0.0066	U		0.13	J		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		0.001	J		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U	
		VMP-14-5-050119	5/1/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-14-5-073019	7/30/2019	<0.0087	U		<0.0086	U		<0.0037	U		0.0041	J		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-14-5-102819	10/28/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-14-11.5-050119	5/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-14-11.5-073019	7/30/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-14-11.5-102819	10/28/2019	<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U		<0.0076	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-14-20-050119	5/1/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
VMP-14-20-073019		7/30/2019	<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U		
VMP-14-20-102819		10/28/2019	<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U		
29 ft	VMP-14-29-020419	2/4/2019	<0.0082	U		0.0014	J		<0.0035	U		0.00075	J		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U		
	VMP-14-29-050119	5/1/2019	<0.0083	U		<0.0082	U		<0.0036	U		0.27	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-15-5-050119	5/1/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-15-5-073019	7/30/2019	0.0025	J		<0.0084	U		<0.0036	U		0.0044	J		<0.037	U		0.0017	J		<0.0067	U		<0.0066	U	
		VMP-15-5-073019-DUP	7/30/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-15-5-102219	10/22/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-15-21.5-050119	5/1/2019	<0.055	U		<0.054	U		<0.024	U		0.094	J		<0.24	U		<0.044	U		<0.044	U		<0.043	U	
		VMP-15-21.5-073019	7/30/2019	<0.062	U		<0.061	U		<0.026	U		<0.034	U		<0.27	U		<0.049	U		<0.049	U		<0.048	U	
		VMP-15-21.5-102219	10/22/2019	<0.084	U		<0.083	U		<0.036	U		<0.046	U		<0.36	U		<0.067	U		<0.067	U		<0.066	U	
	25.5 ft	VMP-15-25.5-012419	1/24/2019	<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-15-25.5-050119	5/1/2019	<0.054	U		<0.054	U		<0.023	U		0.0063	J		<0.23	U		<0.043	U		<0.043	U		<0.042	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.053	U		<0.052	U		<0.023	U		0.007	J		<0.23	U		<0.042	U		<0.042	U		<0.041	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	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				4			40000			25			41000			170000			12								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U		<0.0063	U	
		VMP-16-5-050219	5/2/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-16-5-072419	7/24/2019	<0.0086	U		0.0028	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-16-5-102219	10/22/2019	<0.0095	U	UJ	<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U		<0.0074	U	
	13.5 ft	VMP-16-13.5-012819	1/28/2019	<2.6	U		<2.6	U		<1.1	U		2.3	CN	J	<11	U		<2.1	U		<2.1	U		<2	U	
		VMP-16-13.5-050219	5/2/2019	<0.53	U		<0.52	U		<0.23	U		0.16	J		<2.3	U		<0.42	U		<0.42	U		<0.41	U	
		VMP-16-13.5-072419	7/24/2019	<2.4	U		<2.4	U		<1	U		0.67	J		<10	U		<1.9	U		<1.9	U		<1.9	U	
		VMP-16-13.5-102219	10/22/2019	<1.2	U		<1.1	U		<0.5	U		0.23	J		<5	U		<0.92	U		<0.92	U		<0.91	U	
		VMP-16-19-012819	1/28/2019	<3.1	U		<3	U		<1.3	U		3.1	CN	J	<13	U		<2.4	U		<2.4	U		<2.4	U	
		VMP-16-19-050219	5/2/2019	<1.7	U		<1.6	U		<0.71	U		0.85	J		<7.2	U		<1.3	U		<1.3	U		<1.3	U	
	19 ft	VMP-16-19-072419	7/24/2019	<2.2	U		<2.1	U		<0.93	U		<1.2	U		<9.4	U		<1.7	U		<1.7	U		<1.7	U	
		VMP-16-19-102219	10/22/2019	<4.7	U		<4.7	U		<2	U		<2.6	U		<20	U		<3.8	U		<3.8	U		<3.7	U	
		VMP-16-31-012819	1/28/2019	<12	U		<12	U		<5.4	U		3.7	J CN	J	<54	U		<9.9	U		<9.9	U		<9.8	U	
		VMP-16-31-050219	5/2/2019	<2	U		<2	U		<0.86	U		<1.1	U		<8.6	U		<1.6	U		<1.6	U		<1.6	U	
VMP-16-31-050219-DUP		5/2/2019	<2.7	U		<2.6	U		<1.1	U		<1.5	U		<12	U		<2.1	U		<2.1	U		<2.1	U		
VMP-16-31-072419		7/24/2019	<2.2	U		<2.2	U		<0.95	U		<1.2	U		<9.6	U		<1.8	U		<1.8	U		<1.7	U		
VMP-16-31-072419-DUP		7/24/2019	<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U		<1.7	U		
VMP-16-31-102219		10/22/2019	<4.5	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U		<3.5	U		
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U		<0.0058	U	
		VMP-17-5-042519	4/25/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-17-5-073119	7/31/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-17-5-102119	10/21/2019	<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U		<0.0059	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0071	U		<0.007	U		<0.0031	U		<0.0039	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-25-5-042519	4/25/2019	<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-25-5-072519	7/25/2019	<0.0088	U		0.56		J	<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U		<0.0069	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0084	U		0.013		J	<0.0036	U		0.0017	J		<0.036	U		<0.0067	U		<0.0067	U		<0.0066	U	
		VMP-25-5-102819	10/28/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
		VMP-25-5-102819-DUP	10/28/2019	<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-29-10-073119	7/31/2019	<0.0084	U		<0.0083	U		0.01			0.0021	J		<0.036	U		<0.0066	U		<0.0066	U		0.0098		
		VMP-29-10-102519	10/25/2019	<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-29-18-012519	1/25/2019	<0.0073	U		<0.0072	U		0.018			0.0016	J		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
	18 ft	VMP-29-18-050219	5/2/2019	<0.0088	U		<0.0086	U		0.11			0.013			<0.038	U		<0.007	U		<0.007	U		<0.0068	U	
		VMP-29-18-073119	7/31/2019	<0.014	U		<0.014	U		0.64			<0.008	U		<0.063	U		<0.012	U		<0.012	U		<0.011	U	
		VMP-29-18-102519	10/25/2019	<0.009	U		<0.0089	U		0.33			0.00069	J		<0.039	U		<0.0071	U		<0.0071	U		<0.007	U	
		VMP-29-26-012519	1/25/2019	<0.0072	U		<0.0072	U		0.016			<0.004	U		<0.031	U		<0.0058	U		<0.0058	U		<0.0057	U	
	26 ft	VMP-29-26-012519-DUP	1/25/2019	<0.0079	U		<0.0078	U		0.013			<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-29-26-050219	5/2/2019	<0.0085	U		<0.0084	U		0.16			0.083			<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
		VMP-29-26-073119	7/31/2019	<0.034	U		<0.034	U		3.8			<0.019	U		<0.15	U		<0.027	U		<0.027	U		<0.027	U	
		VMP-29-26-102519	10/25/2019	<0.0092	U		<0.009	U		1			<0.005	U		<0.04	U		<0.0073	U		<0.0073	U		<0.0072	U	
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	<0.0082	U		0.0021	J		0.0014	J		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-30-10-050219	5/2/2019	<0.0082	U		<0.0081	U		0.045			0.00073	J		<0.036	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-30-10-073119	7/31/2019	<0.0083	U		<0.0082	U		0.11			0.0021	J		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-30-10-102519	10/25/2019	<0.0085	U		<0.0084	J	U	0.014			<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	18 ft	VMP-30-18-012519	1/25/2019	<0.0072	U		<0.0071	U		0.0027	J		<0.004	U		<0.031	U		<0.0057	U		<0.0057	U		<0.0056	U	
		VMP-30-18-050219	5/2/2019	<0.0083	U		<0.0082	U		0.043			<0.0064	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	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	1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane			Trichloroethene		
				4			40000			25			41000			170000			12								
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	<0.76	U		<0.75	U		<0.32	U		120	CN	J	<3.3	U		<0.6	U		<0.6	U		<0.59	U	
		VMP-41-10-022719R	2/27/2019	<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U		<0.0064	U	
		VMP-41-10-050319	5/3/2019	<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U		<0.0065	U	
		VMP-41-10-072619	7/26/2019	<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-41-10-102819	10/28/2019	<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U	
	20 ft	VMP-41-20-012919	1/29/2019	<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U		<0.0062	U	
		VMP-41-20-050319	5/3/2019	<0.0096	U		0.0064	J		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U		<0.0075	U	
		VMP-41-20-072619	7/26/2019	<0.0091	U		<0.009	U		<0.0039	U		0.00057	J		<0.039	U		<0.0072	U		<0.0072	U		<0.0071	U	
		VMP-41-20-072619-DUP	7/26/2019	<0.0099	U		0.01			<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U		<0.0077	U	
		VMP-41-20-102819	10/28/2019	<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U		<0.0068	U	
26 ft	VMP-41-26-012919	1/29/2019	<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U		<0.006	U		
	VMP-41-26-050319	5/3/2019	<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U		<0.0067	U		
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<0.85	U		<0.84	U		<0.37	U		<0.47	U		<3.7	ND,UJ	UJ	<0.68	U		<0.68	U		<0.67	U	
		VMP-55-20-073019	7/30/2019	<0.057	U		<0.056	U		<0.024	U		0.042			<0.24	U		<0.045	U		<0.045	U		<0.044	U	

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-10-5-050219	5/2/2019	0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0007	J		<0.0053	U	
		VMP-10-5-072619	7/26/2019	0.00096	J		<0.0064	U		<0.0064	U		0.0051	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-10-5-102519	10/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-10-10-012419	1/24/2019	<0.0058	U		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-10-10-050219	5/2/2019	<0.007	U		<0.0061	U		<0.0061	U		0.002	J		<0.0032	U		0.0008	J		<0.0054	U	
		VMP-10-10-072619	7/26/2019	0.00066	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-10-102519	10/25/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-10-20-012419	1/24/2019	<0.0059	U		<0.0051	U		<0.0051	U		<0.0077	J		<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-10-20-050219	5/2/2019	0.0011	J		<0.006	U		<0.006	U		0.035			<0.0031	U		0.0046	J		<0.0053	U	
		VMP-10-20-072619	7/26/2019	0.001	J		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-10-20-102519	10/25/2019	0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
30 ft	VMP-10-30-020119	2/1/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U		
	VMP-10-30-050219	5/2/2019	0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-10-30-050219-DUP	5/2/2019	0.001	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0021	J		<0.0051	U		
VMP-11	5 ft	VMP-11-5-020419	2/4/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-5-043019	4/30/2019	0.0011	J		<0.0058	U		<0.0058	U		0.027			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-5-073119	7/31/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-5-102519	10/25/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.0013	J		<0.003	U		<0.0051	U		<0.0051	U	
	8 ft	VMP-11-8-020419	2/4/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-8-043019	4/30/2019	0.0014	J		<0.0056	U		<0.0056	U		0.058			<0.0029	U		0.024			0.008		
		VMP-11-8-073119	7/31/2019	<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-8-102519	10/25/2019	0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	29 ft	VMP-11-29-020419	2/4/2019	0.0013	J		<0.0062	U		<0.0062	U		0.029			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-29-043019	4/30/2019	0.0012	J		<0.0058	U		<0.0058	U		0.015			<0.003	U		0.0014	J		<0.0052	U	
		VMP-11-29-073119	7/31/2019	<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-29-102519	10/25/2019	<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
	38 ft	VMP-11-38-020119	2/1/2019	<0.0063	U		<0.0055	U		<0.0055	U		0.0011	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-020119-DUP	2/1/2019	<0.0067	U		<0.0058	U		<0.0058	U		0.001	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-11-38-043019	4/30/2019	0.001	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-043019-Dup	4/30/2019	0.0011	J		<0.0056	U		<0.0056	U		<0.0054	U		<0.0029	U		<0.005	U		<0.005	U	
VMP-11-38-073119	VMP-11-38-073119	7/31/2019	<0.0067	U		<0.0059	U		<0.0059	U		0.0038	J		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-11-38-102519	10/25/2019	<0.0068	U		<0.0059	U		<0.0059	U		0.0022	J		<0.0031	U		<0.0052	U		<0.0052	U		
	VMP-12-5-012819	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.00093	J		<0.003	U		<0.0051	U		<0.0051	U		
	VMP-12-5-012819-DUP	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		0.0011	J		<0.003	U		<0.0051	U		<0.0051	U		
VMP-12	5 ft	VMP-12-5-050319	5/3/2019	<0.007	U		<0.0061	U		<0.0061	U		0.0078	J0	J	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-12-5-072419	7/24/2019	0.00083	J		0.0014	J		<0.0065	U		0.065			<0.0034	U		0.06			0.021		
		VMP-12-5-102219	10/22/2019	0.002	J		<0.0071	U		<0.0071	U		0.0028	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-12-5-102219-DUP	10/22/2019	0.0018	J		<0.0062	U		<0.0062	U		0.0059			<0.0032	U		<0.0055	U		<0.0055	U	
	11.5 ft	VMP-12-11.5-012819	1/28/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-12-11.5-050319	5/3/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-12-11.5-072419	7/24/2019	0.00096	J		0.0019	J		0.00099	J		0.0016	J		<0.0032	U		0.00098	J		<0.0055	U	
		VMP-12-11.5-102219	10/22/2019	0.00095	J		<0.0061	U		<0.0061	U		0.018			<0.0032	U		<0.0054	U		<0.0054	U	
	25 ft	VMP-12-25-012819	1/28/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0038	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-12-25-050319	5/3/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-12-25-050319-DUP	5/3/2019	<0.006	U		<0.0052	U		<0.0053	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-12-25-072419	7/24/2019	0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
VMP-12-25-102219	10/22/2019	0.0018	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U			

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	0.0013	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		0.00082	J		<0.0047	U	
		VMP-13-5-050119	5/1/2019	<0.007	U		<0.0061	U		<0.0061	U		0.012	J	J	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-13-5-073119	7/31/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0045	J		<0.0052	U	
		VMP-13-5-102819	10/28/2019	0.0016	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
	10.5 ft	VMP-13-10.5-012919	1/29/2019	0.0012	J		<0.0054	U		<0.0054	U		0.0022	J		<0.0028	U		0.0008	J		<0.0048	U	
		VMP-13-10.5-050119	5/1/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-073119	7/31/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-10.5-102819	10/28/2019	0.0018	J		<0.0063	U		<0.0063	U		0.0015	J		<0.0033	U		<0.0056	U		<0.0056	U	
	21.5 ft	VMP-13-21.5-020419	2/4/2019	0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-13-21.5-050119	5/1/2019	<0.0073	U		<0.0064	U		<0.0064	U		0.0033	J	J	<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-21.5-073119	7/31/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-21.5-102819	10/28/2019	0.0018	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
29.5 ft	VMP-13-29.5-012919	1/29/2019	0.0013	J		<0.0053	U		<0.0053	U		0.0012	J		<0.0028	U		<0.0047	U		<0.0047	U		
	VMP-13-29.5-050119	5/1/2019	<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U		
	VMP-13-29.5-102819	10/28/2019	0.0019	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0052			0.0022	J		
VMP-14	5 ft	VMP-14-5-012919	1/29/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-14-5-012919-DUP	1/29/2019	<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-14-5-050119	5/1/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-5-073019	7/30/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0017	J		<0.0055	U	
		VMP-14-5-073019-DUP	7/30/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-5-102819	10/28/2019	0.0017	J		<0.0063	U		<0.0063	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
	11.5 ft	VMP-14-11.5-012919	1/29/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-14-11.5-050119	5/1/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-073019	7/30/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-11.5-102819	10/28/2019	0.0029	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	20 ft	VMP-14-20-020419	2/4/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-14-20-050119	5/1/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
VMP-14-20-073019		7/30/2019	0.0019	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U		
VMP-14-20-102819		10/28/2019	<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U		
29 ft	VMP-14-29-020419	2/4/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U		
	VMP-14-29-050119	5/1/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.052			0.0065			
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-15-5-050119	5/1/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-15-5-073019	7/30/2019	0.0032	J		<0.0061	U		<0.0061	U		0.0017	J		<0.0032	U		0.0016	J		<0.0054	U	
		VMP-15-5-073019-DUP	7/30/2019	0.0016	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-102219	10/22/2019	0.0022	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	21.5 ft	VMP-15-21.5-012419	1/24/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.00084	J		<0.0028	U		0.00096	J		<0.0048	U	
		VMP-15-21.5-050119	5/1/2019	<0.045	U		<0.039	U		<0.039	U		13			<0.02	U		0.018	J		<0.035	U	
		VMP-15-21.5-073019	7/30/2019	<0.05	U		<0.044	U		<0.044	U		27			<0.023	U		<0.039	U		<0.039	U	
		VMP-15-21.5-102219	10/22/2019	<0.069	U		<0.06	U		<0.06	U		13			<0.031	U		<0.053	U		<0.053	U	
	25.5 ft	VMP-15-25.5-012419	1/24/2019	<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-15-25.5-050119	5/1/2019	<0.044	U		<0.039	U		<0.039	U		20			<0.02	U		<0.034	U		<0.034	U	
		VMP-15-25.5-050119-DUP	5/1/2019	<0.043	U		<0.038	U		<0.038	U		20			<0.02	U		<0.033	U		<0.033	U	

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	<0.0066	U		<0.0058	U		<0.0058	U		8.2			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-16-5-050219	5/2/2019	<0.0069	U		<0.0061	U		<0.0061	U		0.0051	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-16-5-072419	7/24/2019	0.0021	J		<0.0062	U		<0.0062	U		0.0068			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-16-5-102219	10/22/2019	<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
	13.5 ft	VMP-16-13.5-012819	1/28/2019	<2.1	U		<1.9	U		<1.9	U		1100			<0.97	U		0.4	J		<1.6	U	
		VMP-16-13.5-050219	5/2/2019	<0.43	U		<0.38	U		<0.38	U		640			<0.2	U		0.14	J		<0.33	U	
		VMP-16-13.5-072419	7/24/2019	<2	U		<1.7	U		<1.7	U		2000			<0.9	U		0.46	J		<1.5	U	
		VMP-16-13.5-102219	10/22/2019	<0.95	U		<0.83	U		<0.83	U		910			<0.43	U		0.2	J		<0.73	U	
	19 ft	VMP-16-19-012819	1/28/2019	<2.5	U		6.6			0.99	J		1400			<1.2	U		1.4	J		0.42	J	
		VMP-16-19-050219	5/2/2019	<1.4	U		58			8			2200			<0.62	U		3			0.97	J	
		VMP-16-19-072419	7/24/2019	<1.8	U		32			4			1700			<0.81	U		2.1			0.6	J	
		VMP-16-19-102219	10/22/2019	<3.9	U		34			5.2			2200			<1.8	U		2.3	J		<3	U	
	31 ft	VMP-16-31-012819	1/28/2019	<10	U		2.8	J		<8.9	U		2200			<4.6	U		<7.9	U		<7.9	U	
		VMP-16-31-050219	5/2/2019	<1.6	U		17			0.91	J		2500			<0.74	U		0.37	J		0.39	J	
VMP-16-31-050219-DUP		5/2/2019	<2.2	U		18			0.97	J		2600			<0.99	U		0.47	J		<1.7	U		
VMP-16-31-072419		7/24/2019	<1.8	U		8.5			<1.6	U		1700			<0.82	U		0.5	J		<1.4	U		
VMP-16-31-072419-DUP		7/24/2019	<1.7	U		8.2			<1.5	U		1600			<0.79	U		0.52	J		<1.3	U		
VMP-16-31-102219	10/22/2019	<3.6	U		5.6			<3.2	U		2100			<1.7	U		0.91	J		<2.8	U			
VMP-17	5 ft	VMP-17-5-012419	1/24/2019	<0.0061	U		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-17-5-042519	4/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-17-5-073119	7/31/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-17-5-102119	10/21/2019	0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.015			<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-25-5-012219-DUP	1/22/2019	<0.0058	U		<0.0051	U		<0.0051	U		0.011			<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-25-5-042519	4/25/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-25-5-042519-DUP	4/25/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-25-5-072519	7/25/2019	<0.0072	U		<0.0063	U		<0.0063	U		0.0065			<0.0033	U		0.00077	J		<0.0056	U	
		VMP-25-5-072519-DUP	7/25/2019	<0.0069	U		<0.006	U		<0.006	U		0.0079			<0.0031	U		0.0014	J		<0.0053	U	
		VMP-25-5-102819	10/28/2019	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
VMP-25-5-102819-DUP	10/28/2019	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U			
VMP-29	10 ft	VMP-29-10-050219	5/2/2019	0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-29-10-073119	7/31/2019	<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-29-10-102519	10/25/2019	<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	18 ft	VMP-29-18-012519	1/25/2019	<0.006	U		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-29-18-050219	5/2/2019	0.001	J		0.025			0.062	J		0.021			<0.0032	U		0.021			0.011		
		VMP-29-18-073119	7/31/2019	<0.012	U		<0.01	U		<0.01	U		<0.0098	U		<0.0054	U		<0.0092	U		<0.0092	U	
	26 ft	VMP-29-18-102519	10/25/2019	<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-29-26-012519	1/25/2019	<0.0059	U		<0.0052	U		<0.0052	U		0.0026	J		<0.0027	U		0.001	J		<0.0046	U	
		VMP-29-26-012519-DUP	1/25/2019	<0.0064	U		<0.0056	U		<0.0056	U		0.0021	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-29-26-050219	5/2/2019	0.0011	J		0.0021	J		0.00076	J		0.0039	J		<0.0032	U		0.013			0.0037	J	
VMP-29-26-073119	7/31/2019	<0.028	U		<0.024	U		<0.024	U		0.016	J		<0.013	U		<0.022	U		<0.022	U			
VMP-29-26-102519	10/25/2019	<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U			
VMP-30	10 ft	VMP-30-10-012519	1/25/2019	<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-30-10-050219	5/2/2019	0.00084	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-30-10-073119	7/31/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-30-10-102519	10/25/2019	0.0015	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	18 ft	VMP-30-18-012519	1/25/2019	<0.0059	U		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-30-18-050219	5/2/2019	0.0011	J		0.0031	J		<0.0059	U		<0.0056	U		<0.0031	U		0.0048	J		0.0024	J	
		VMP-30-18-073119	7/31/2019	<0.007	U		0.0078			<0.0061	U		0.012			<0.0032	U		0.0052	J		0.0026	J	
	26 ft	VMP-30-18-102519	10/25/2019	0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.00082	J		<0.0055	U	
		VMP-30-26-012519	1/25/2019	<0.0062	U		<0.0054	U		<0.0054	U		0.0042	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-30-26-050219	5/2/2019	0.001	J		0.0007	J		<0.0057	U		0.0045	J		<0.003	U		0.0036	J		<0.005	U	
VMP-30-26-073119	7/31/2019	<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0071			0.0023	J			
VMP-30-26-102519	10/25/2019	0.0012	J		<0.0062	U		<0.0062	U		<0.0027	J		<0.0032	U		0.0011	J		<0.0055	U			
VMP-30-2																								

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

Location	Depth	Sample ID	Sample Date	Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				5600												4.8			580			790		
				Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals	Result (mg/m ³)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-012919	1/29/2019	<0.62	U		0.48	J		0.3	J		130			<0.28	U		56			14		
		VMP-41-10-022719R	2/27/2019	<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-41-10-050319	5/3/2019	<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-41-10-072619	7/26/2019	0.00091	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-41-10-102819	10/28/2019	0.0017	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
	20 ft	VMP-41-20-012919	1/29/2019	<0.0064	U		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-41-20-050319	5/3/2019	<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-41-20-072619	7/26/2019	0.0011	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-20-072619-DUP	7/26/2019	0.0012	J		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-41-20-102819	10/28/2019	0.0021	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
26 ft	VMP-41-26-012919	1/29/2019	0.0012	J		0.0019	J		<0.0055	U		0.031			<0.0029	U		<0.0049	U		<0.0049	U		
	VMP-41-26-050319	5/3/2019	<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U		
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	<0.7	U		<0.61	U		<0.61	U		140			<0.32	U		<0.54	U		<0.54	U	
		VMP-55-20-073019	7/30/2019	<0.046	U		<0.04	U		<0.04	U		29			<0.021	U		<0.036	U		<0.036	U	

Notes:
 Yellow highlighted cells indicate readings that exceed 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

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

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-012319	1/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0014			79			21		
		VMP-1-5-043019	4/30/2019	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000087	J		80			20		
		VMP-1-5-072319	7/23/2019	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.019	J		<0.00027	U		80			19		
		VMP-1-5-102419	10/24/2019	0.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
	8.5 ft	VMP-1-8.5-012319	1/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		0.0086	J		0.00058			79			21		
		VMP-1-8.5-043019	4/30/2019	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-1-8.5-072319	7/23/2019	1.1			<0.025	U		<0.0025	U		<0.0025	U		1.2			<0.00025	U		80			18		
		VMP-1-8.5-102419	10/24/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		80			20		
	23.5 ft	VMP-1-8.5-102419-DUP	10/24/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-1-8.5-111519R	11/15/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-1-23.5-012319	1/23/2019	0.085			<0.022	U		<0.0022	U		<0.0022	U		0.81			0.00054			78			21		
		VMP-1-23.5-012319-DUP	1/23/2019	0.085			<0.021	U		<0.0021	U		<0.0021	U		0.84			0.0005			78			21		
VMP-2	5 ft	VMP-1-23.5-043019	4/30/2019	0.096			<0.024	U		<0.0024	U		<0.0024	U		0.96			0.000093	J		80			20		
		VMP-1-23.5-072319	7/23/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-1-23.5-102419	10/24/2019	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		80			20		
		VMP-2-5-012319	1/23/2019	0.81			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			20		
VMP-2	5 ft	VMP-2-5-042619	4/26/2019	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-2-5-072519	7/25/2019	4.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			16		
		VMP-2-5-102119	10/21/2019	3.1			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		<0.00023	U		79			18		
		VMP-2-8.5-012319	1/23/2019	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
	8.5 ft	VMP-2-8.5-042619	4/26/2019	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-2-8.5-072519	7/25/2019	3.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			16		
		VMP-2-8.5-102119	10/21/2019	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.0078	J		<0.00024	U		79			17		
		VMP-2-22-012319	1/23/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
	22 ft	VMP-2-22-042619	4/26/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		<0.00025	U		80			19		
		VMP-2-22-042619-DUP	4/26/2019	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-2-22-072519	7/25/2019	2.2			<0.024	U		<0.0024	U		<0.0024	U		1.7			0.000076	J		79			17		
		VMP-2-22-102119	10/21/2019	3.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
VMP-3	5 ft	VMP-3-5-012419	1/24/2019	0.058			<0.023	U		<0.0023	U		<0.0023	U		0.96			0.00025			78			21		
		VMP-3-5-042919	4/29/2019	0.071			<0.023	U		<0.0023	U		<0.0023	U		0.25			0.00021	J		80			20		
		VMP-3-5-072519	7/25/2019	0.31			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		0.00016	J		80			20		
		VMP-3-5-101819	10/18/2019	0.062			<0.025	U		<0.0025	U		<0.0025	U		0.26			0.00016	J		80			20		
	10 ft	VMP-3-10-020119	2/1/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00021	J		79			21		
		VMP-3-10-042919	4/29/2019	0.41			<0.024	U		<0.0024	U		<0.0024	U		0.055	J		0.0001	J		80			20		
		VMP-3-10-072519	7/25/2019	0.5			<0.025	U		<0.0025	U		<0.0025	U		0.16			0.00016	J		80			19		
		VMP-3-10-072519-DUP	7/25/2019	0.5			<0.03	U		<0.003	U		<0.003	U		0.086	J		0.00015	J		80			19		
	22 ft	VMP-3-10-101819	10/18/2019	0.12			<0.03	U		<0.003	U		<0.003	U		0.075	J		0.00013	J		80			20		
		VMP-3-22-012419	1/24/2019	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-3-22-042919	4/29/2019	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-3-22-072519	7/25/2019	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
31.5 ft	VMP-3-22-101819	10/18/2019	0.56			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		0.000098	J		79			20			
	VMP-3-31.5-012419	1/24/2019	8.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000083	J		78			14			
	VMP-3-31.5-042919	4/29/2019	6.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		78			16			
	VMP-3-31.5-072519	7/25/2019	4.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00034			80			15			
39 ft	VMP-3-31.5-101819	10/18/2019	6			<0.025	U		0.0002	J		<0.0025	U		0.016	J		1.8			81			11			
	VMP-3-31.5-101819-DUP	10/18/2019	5.2			<0.025	U		0.00018	J		<0.0025	U		0.025	J		1.6			81			12			
	VMP-3-39-012419	1/24/2019	4.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.0005			78			17			
	VMP-3-39-012419-DUP	1/24/2019	4.5			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00048			78			17			

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-4	5 ft	VMP-4-5-012119	1/21/2019	0.053			<0.023	U		<0 0023	U		<0.0023	U		0.033	J		<0.00023	U		79			21		
		VMP-4-5-043019	4/30/2019	0.13			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-4-5-072519	7/25/2019	0.26			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-4-5-102119	10/21/2019	0.097			<0.024	U		<0 0024	U		<0.0024	U		0.0078	J		0.000074	J		80			20		
	12 ft	VMP-4-12-012119	1/21/2019	0.072			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-4-12-043019	4/30/2019	0.3			<0.028	U		<0 0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-4-12-072519	7/25/2019	0.35			<0.024	U		<0 0024	U		<0.0024	U		0.013	J		<0.00024	U		81			19		
		VMP-4-12-102119	10/21/2019	0.16			<0.025	U		<0 0025	U		<0.0025	U		0.018	J		0.000084	J		80			20		
	23.5 ft	VMP-4-23.5-012119	1/21/2019	1.8			<0.021	U		<0 0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			20		
		VMP-4-23.5-043019	4/30/2019	0.87			<0.025	U		<0 0025	U		<0.0025	U		0.0063	J		0.000093	J		79			20		
		VMP-4-23.5-072519	7/25/2019	1			<0.025	U		<0 0025	U		<0.0025	U		0.018	J		0.00031			80			19		
		VMP-4-23.5-102119	10/21/2019	2.2			<0.024	U		<0 0024	U		<0.0024	U		0.083	J		0 0027			80			18		
VMP-5	5 ft	VMP-5-5-012219	1/22/2019	0.045			<0.021	U		<0 0021	U		<0.0021	U		<0.1	U		0.00018	J		79			21		
		VMP-5-5-050119	5/1/2019	0.058			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		0 0002	J		79			21		
		VMP-5-5-072419	7/24/2019	0.079			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		0.00013	J		80			20		
		VMP-5-5-072419-DUP	7/24/2019	0.08			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		0.00019	J		80			20		
		VMP-5-5-102119	10/21/2019	0.084			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		0.00016	J		80			20		
	12.5 ft	VMP-5-12.5-012219	1/22/2019	0.13			<0.022	U		<0 0022	U		<0.0022	U		0.0092	J		<0.00022	U		79			21		
		VMP-5-12.5-050119	5/1/2019	0.2			<0.025	U		<0 0025	U		<0.0025	U		0.012	J		0.00036			79			21		
		VMP-5-12.5-072419	7/24/2019	0.4			<0.025	U		<0 0025	U		<0.0025	U		0.014	J		<0.00025	U		80			20		
		VMP-5-12.5-102119	10/21/2019	0.28			<0.022	U		<0 0022	U		<0.0022	U		0.0082	J		<0.00022	U		80			20		
	31 ft	VMP-5-31-012219	1/22/2019	0.38			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-5-31-050119	5/1/2019	0.49			<0.025	U		<0 0025	U		<0.0025	U		0.029	J		<0.00025	U		80			20		
		VMP-5-31-072419	7/24/2019	1.3			<0.024	U		<0 0024	U		<0.0024	U		0.0043	J		<0.00024	U		80			19		
		VMP-5-31-102119	10/21/2019	1.3			<0.029	U		<0 0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
	40 ft	VMP-5-40-020419	2/4/2019	1			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		0 0001	J		78			21		
		VMP-5-40-050119	5/1/2019	1.1			<0.022	U		<0 0022	U		<0.0022	U		0.0051	J		<0.00022	U		80			19		
	VMP-6	5 ft	VMP-6-5-013119	1/31/2019	0.39			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		0.00011	J		79			21	
VMP-6-5-042519			4/25/2019	0.11			<0.023	U		<0 0023	U		<0.0023	U		<0.11	U		0.000088	J		80			20		
VMP-6-5-072219			7/22/2019	0.056			<0.028	U		<0 0028	U		<0.0028	U		0.56			0.00018	J		79			20		
VMP-6-5-102519			10/25/2019	0.047			<0.024	U		<0 0024	U		<0.0024	U		0.071	J		0.00019	J		79			21		
10 ft		VMP-6-10-012219	1/22/2019	0.44			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-6-10-042519	4/25/2019	0.44			<0.024	U		<0 0024	U		<0.0024	U		0.15			<0.00024	U		79			20		
		VMP-6-10-072219	7/22/2019	0.78			<0.025	U		<0 0025	U		<0.0025	U		0.79			<0.00025	U		79			19		
		VMP-6-10-102519	10/25/2019	0.32			<0.025	U		<0 0025	U		<0.0025	U		0.044	J		<0.00025	U		80			20		
31.5 ft		VMP-6-31.5-020119	2/1/2019	2.3			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-6-31.5-042519	4/25/2019	1.7			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		0.00018	J		79			19		
		VMP-6-31.5-072219	7/22/2019	1.8			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		0 0021			80			18		
		VMP-6-31.5-102519	10/25/2019	1.8			<0.025	U		<0 0025	U		<0.0025	U		0.1	J		0.00042			79			19		
39 ft		VMP-6-39-012219	1/22/2019	3			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-6-39-042519	4/25/2019	2.4			<0.024	U		<0 0024	U		<0.0024	U		0.0064	J		0 0001	J		79			19		

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5-012219	1/22/2019	0.089			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00016	J		79			21		
		VMP-7-5-042519	4/25/2019	0.22			<0.025	U		<0.0025	U		<0.0025	U		0.0073	J		<0.00025	U		79			21		
		VMP-7-5-072319	7/23/2019	0.11			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		81			19		
		VMP-7-5-072319-DUP	7/23/2019	0.12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00014	J		80			20		
	VMP-7-5-102419	10/24/2019	0.062			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			21			
	13.5 ft	VMP-7-13.5-020119	2/1/2019	0.096			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-7-13.5-042519	4/25/2019	0.29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-7-13.5-072319	7/23/2019	0.28			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000081	J		80			20		
	29.5 ft	VMP-7-13.5-102419	10/24/2019	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000079	J		80			20		
		VMP-7-29.5-020119	2/1/2019	1.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			19		
		VMP-7-29.5-042519	4/25/2019	0.89			<0.028	U		<0.0028	U		<0.0028	U		0.015	J		<0.00028	U		79			20		
		VMP-7-29.5-072319	7/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
	38 ft	VMP-7-29.5-102419	10/24/2019	1.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-7-29.5-102419-DUP	10/24/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
VMP-7-38-012219		1/22/2019	2.2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			19			
VMP-7-38-042519		4/25/2019	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19			
VMP-7-38-042519-DUP		4/25/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.0041	J		<0.00024	U		80			19			
VMP-8-5-011819		1/18/2019	0.38			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			20			
VMP-8	5 ft	VMP-8-5-042419	4/24/2019	0.66			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-8-5-072219	7/22/2019	0.77			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
		VMP-8-5-101819	10/18/2019	2.3			<0.024	U		<0.0024	U		<0.0024	U		0.017	J		<0.00024	U		79			19		
		VMP-8-9.5-011819	1/18/2019	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.02	J		<0.00022	U		79			18		
	9.5 ft	VMP-8-9.5-042419	4/24/2019	1.7			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		<0.00023	U		80			18		
		VMP-8-9.5-072219	7/22/2019	2.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-8-9.5-101819	10/18/2019	4			<0.024	U		<0.0024	U		<0.0024	U		1.3			<0.00024	U		78			17		
	23.5 ft	VMP-8-23.5-011819	1/18/2019	0.33			<0.023	U		<0.0023	U		<0.0023	U		39			0.00009	J		48			13		
		VMP-8-23.5-022719R	2/27/2019	3.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			17		
		VMP-8-23.5-042419	4/24/2019	2.8			<0.023	U		<0.0023	U		<0.0023	U		0.0063	J		<0.00023	U		79			18		
		VMP-8-23.5-072219	7/22/2019	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-8-23.5-101819	10/18/2019	4.2			<0.025	U		<0.0025	U		<0.0025	U		0.0083	J		<0.00025	U		80			16		
	35.5 ft	VMP-8-35.5-011819	1/18/2019	0.99			<0.021	U		<0.0021	U		<0.0021	U		1.2			0.000092	J		79			19		
		VMP-8-35.5-042419	4/24/2019	0.98			<0.024	U		<0.0024	U		<0.0024	U		0.76			0.000082	J		79			19		
VMP-8-35.5-042419-DUP		4/24/2019	0.93			<0.023	U		<0.0023	U		<0.0023	U		0.81			0.000096	J		79			19			
VMP-8-35.5-072219		7/22/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17			
VMP-8-35.5-072219-DUP		7/22/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17			
VMP-8-35.5-101819	10/18/2019	1			<0.024	U		<0.0024	U		<0.0024	U		0.12			0.00015	J		79			20				
VMP-9	5 ft	VMP-9-5-012519	1/25/2019	0.082			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-9-5-042419	4/24/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		79			21		
		VMP-9-5-071919	7/19/2019	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.017	J		0.000093	J		80			20		
		VMP-9-5-102519	10/25/2019	0.14			<0.025	U		<0.0025	U		<0.0025	U		0.06	J		<0.00025	U		79			21		
	11.5 ft	VMP-9-11.5-013119	1/31/2019	0.19			<0.022	U		<0.0022	U		<0.0022	U		0.21			<0.00022	U		79			21		
		VMP-9-11.5-042419	4/24/2019	0.39			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-9-11.5-071919	7/19/2019	0.85			<0.026	U		<0.0026	U		<0.0026	U		0.038	J		<0.00026	U		79			20		
	25.5 ft	VMP-9-11.5-102519	10/25/2019	0.34			<0.026	U		<0.0026	U		<0.0026	U		0.0045	J		<0.00026	U		80			20		
		VMP-9-25.5-011819	1/18/2019	0.79			<0.021	U		<0.0021	U		<0.0021	U		0.016	J		<0.00021	U		79			20		
		VMP-9-25.5-042419	4/24/2019	0.53			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-9-25.5-071919	7/19/2019	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
	38.5 ft	VMP-9-25.5-071919-DUP	7/19/2019	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-9-25.5-102519	10/25/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-9-38.5-011819	1/18/2019	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			19		
VMP-9-38.5-011819-DUP		1/18/2019	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19			
VMP-9-38.5-042419		4/24/2019	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			19			
VMP-9-38.5-04																											

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-012419	1/24/2019	0.074			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-5-050219	5/2/2019	0.43			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-10-5-072619	7/26/2019	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	10 ft	VMP-10-5-102519	10/25/2019	0.52			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
		VMP-10-10-012419	1/24/2019	0.12			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-10-050219	5/2/2019	0.37			<0.025	U		<0.0025	U		<0.0025	U		0.0049	J		<0.00025	U		80			20		
	20 ft	VMP-10-10-072619	7/26/2019	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-10-10-102519	10/25/2019	0.86			<0.027	U		<0.0027	U		<0.0027	U		0.0052	J		<0.00027	U		79			20		
		VMP-10-20-012419	1/24/2019	0.36			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			21		
		VMP-10-20-050219	5/2/2019	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
	30 ft	VMP-10-20-072619	7/26/2019	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.0049	J		<0.00029	U		80			19		
		VMP-10-20-102519	10/25/2019	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
VMP-10-30-020119		2/1/2019	0.88			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20			
VMP-10-30-050219		5/2/2019	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00017	J		80			20			
		VMP-10-30-050219-DUP	5/2/2019	0.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00019	J		80			20		
VMP-11	5 ft	VMP-11-5-020419	2/4/2019	0.42			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-11-5-043019	4/30/2019	0.61			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-5-073119	7/31/2019	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
		VMP-11-5-102519	10/25/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	8 ft	VMP-11-8-020419	2/4/2019	0.55			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-8-043019	4/30/2019	0.71			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-11-8-073119	7/31/2019	2.4			<0.023	U		<0.0023	U		<0.0023	U		0.012	J		<0.00023	U		80			18		
	29 ft	VMP-11-8-102519	10/25/2019	0.96			<0.025	U		<0.0025	U		<0.0025	U		0.0041	J		<0.00025	U		79			20		
		VMP-11-29-020419	2/4/2019	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-11-29-043019	4/30/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	38 ft	VMP-11-29-073119	7/31/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.011	J		<0.00023	U		80			18		
		VMP-11-29-102519	10/25/2019	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-11-38-020119	2/1/2019	0.76			<0.022	U		<0.0022	U		<0.0022	U		0.01	J		0.000094	J		79			20		
		VMP-11-38-020119-DUP	2/1/2019	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000091	J		79			20		
	38 ft	VMP-11-38-043019	4/30/2019	0.41			<0.023	U		<0.0023	U		<0.0023	U		0.042	J		0.000065	J		80			20		
VMP-11-38-043019-DUP		4/30/2019	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.04	J		0.000069	J		80			20			
VMP-11-38-073119		7/31/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.0047	J		<0.00024	U		79			19			
VMP-11-38-102519		10/25/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20			
VMP-12	5 ft	VMP-12-5-012819	1/28/2019	0.026			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		80			20		
		VMP-12-5-012819-DUP	1/28/2019	0.026			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00018	J		80			20		
		VMP-12-5-050319	5/3/2019	0.057			<0.025	U		<0.0025	U		<0.0025	U		0.043	J		0.000097	J		79			21		
		VMP-12-5-072419	7/24/2019	0.071			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-12-5-102219	10/22/2019	0.054			<0.029	U		<0.0029	U		<0.0029	U		0.013	J		0.00014	J		80			20		
		VMP-12-5-102219-DUP	10/22/2019	0.055			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00021	J		80			20		
	11.5 ft	VMP-12-11.5-012819	1/28/2019	0.44			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00016	J		80			20		
		VMP-12-11.5-050319	5/3/2019	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-12-11.5-072419	7/24/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		0.0044	J		0.00014	J		80			20		
	25 ft	VMP-12-11.5-102219	10/22/2019	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-12-25-012819	1/28/2019	6.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.018			83			11		
		VMP-12-25-050319	5/3/2019	1.4			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		0.00016	J		81			18		
VMP-12-25-050319-DUP		5/3/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00013	J		81			18			
VMP-12-25-072419		7/24/2019	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.0048	J		0.00013	J		81			18			
VMP-12-25-102219		10/22/2019	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.025	J		0.00013	J		81			17			

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5-012919	1/29/2019	0.097			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		79			21		
		VMP-13-5-050119	5/1/2019	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-13-5-073119	7/31/2019	0.66			<0.024	U		<0.0024	U		<0.0024	U		0.005	J		<0.00024	U		80			19		
		VMP-13-5-102819	10/28/2019	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
	10.5 ft	VMP-13-10.5-012919	1/29/2019	0.16			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-13-10.5-050119	5/1/2019	0.097			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		79			21		
		VMP-13-10.5-073119	7/31/2019	0.5			<0.025	U		<0.0025	U		<0.0025	U		0.0051	J		0.00051			80			19		
		VMP-13-10.5-102819	10/28/2019	0.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	21.5 ft	VMP-13-21.5-020419	2/4/2019	0.24			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-13-21.5-050119	5/1/2019	0.12			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		79			21		
		VMP-13-21.5-073119	7/31/2019	0.14			<0.024	U		<0.0024	U		<0.0024	U		0.0058	J		<0.00024	U		80			20		
		VMP-13-21.5-102819	10/28/2019	0.58			<0.027	U		<0.0027	U		<0.0027	U		0.094	J		0.001			78			21		
29.5 ft	VMP-13-29.5-012919	1/29/2019	0.23			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21			
	VMP-13-29.5-050119	5/1/2019	0.17			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		<0.00026	U		80			20			
	VMP-13-29.5-102819	10/28/2019	0.98			<0.024	U		<0.0024	U		<0.0024	U		0.016	J		<0.00024	U		79			20			
	VMP-14	5 ft	VMP-14-5-012919	1/29/2019	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21	
VMP-14-5-012919-DUP			1/29/2019	0.17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
VMP-14-5-050119			5/1/2019	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		0.00012	J		80			20		
VMP-14-5-073019			7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
VMP-14-5-073019-DUP			7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
VMP-14-5-102819			10/28/2019	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
11.5 ft		VMP-14-11.5-012919	1/29/2019	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-14-11.5-050119	5/1/2019	0.67			<0.024	U		<0.0024	U		<0.0024	U		0.019	J		0.00021	J		79			20		
		VMP-14-11.5-073019	7/30/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		0.17			<0.00025	U		80			19		
		VMP-14-11.5-102819	10/28/2019	0.37			<0.028	U		<0.0028	U		<0.0028	U		0.045	J		<0.00028	U		79			21		
20 ft		VMP-14-20-020419	2/4/2019	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00092			83			3.6		
		VMP-14-20-050119	5/1/2019	8.7			<0.026	U		<0.0026	U		<0.0026	U		0.38			0.00035			83			8.2		
		VMP-14-20-073019	7/30/2019	9.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0003			81			9.3		
		VMP-14-20-102819	10/28/2019	8.3			<0.027	U		<0.0027	U		<0.0027	U		0.0069	J		0.00027	J		80			12		
29 ft		VMP-14-29-020419	2/4/2019	6.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00025			82			12		
		VMP-14-29-050119	5/1/2019	4.8			<0.024	U		<0.0024	U		<0.0024	U		0.0045	J		0.00017	J		82			13		
VMP-15	5 ft	VMP-15-5-012419	1/24/2019	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			18		
		VMP-15-5-050119	5/1/2019	2			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		82			16		
		VMP-15-5-073019	7/30/2019	5			<0.025	U		<0.0025	U		<0.0025	U		0.016	J		<0.00025	U		83			12		
		VMP-15-5-073019-DUP	7/30/2019	4.9			<0.024	U		<0.0024	U		<0.0024	U		0.031	J		<0.00024	U		83			12		
		VMP-15-5-102219	10/22/2019	4.5			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		<0.00024	U		80			16		
	21.5 ft	VMP-15-21.5-012419	1/24/2019	12			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		84			4.2		
		VMP-15-21.5-050119	5/1/2019	7.2			<0.024	U		0.0006	J		<0.0024	U		<0.12	U		6.8			85			1.4		
		VMP-15-21.5-073019	7/30/2019	9.3			<0.027	U		0.00054	J		<0.0027	U		0.008	J		7.3			82			1.3		
		VMP-15-21.5-102219	10/22/2019	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		6.4			78			1.4		
		VMP-15-25.5-012419	1/24/2019	15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		81			3.7		
25.5 ft	VMP-15-25.5-050119	5/1/2019	16			<0.024	U		0.003			<0.0024	U		<0.12	U		7.1			75			1.6			
	VMP-15-25.5-050119-DUP	5/1/2019	16			<0.023	U		0.003			<0.0023	U		<0.12	U		7.1			75			1.7			
VMP-16	5 ft	VMP-16-5-012819	1/28/2019	3.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0096			78			18		
		VMP-16-5-050219	5/2/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.0094	J		<0.00025	U		80			18		
		VMP-16-5-072419	7/24/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.000075	J		79			15		
		VMP-16-5-102219	10/22/2019	2.7			<0.028	U		<0.0028	U		<0.0028	U		0.0066	J		<0.00028	U		79			18		
	13.5 ft	VMP-16-13.5-012819	1/28/2019	14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		2.5			82			1.4		
		VMP-16-13.5-050219	5/2/2019	15			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		1.2			82			1.3		
		VMP-16-13.5-072419	7/24/2019	13			<0.028	U		0.000074	J		<0.0028	U		<0.14	U		2.2			83			1.5		
		VMP-16-13.5-102219	10/22/2019	17			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.38			81			1.3		
	19 ft	VMP-16-19-012819	1/28/2019	11			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		3.4			78			7.6		
		VMP-16-19-050219	5/2/2019	14			<0.024	U		0.000077	J		<0.0024	U		<0.12	U		2.9			82			1.5		
		VMP-16-19-072419	7/24/2019	15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		2.5			80			2		
		VMP-16-19-102219	10/22/2019	16			<0.028	U		0.0001	J		<0.0028	U		<0.14	U		5			77			1.4		
	31 ft	VMP-16-31-012819	1/28/2019	16			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		6.8			76			1.3		
		VMP-16-31-050219	5/2/2019	15			<0.023	U		0.000089	J		<0.0023	U		<0.12	U		5			79			1.3		
VMP-16-31-050219-DUP		5/2/2019	15			<0.023	U		0.000094	J		<0.0023	U		<0.12	U		4.9			78			1.6			
VMP-16-31-072419		7/24/2019	16			<0.026	U		0.00016	J		<0.0026	U		<0.13	U		3.6			79			1.4			
VMP-16-31-072419-DUP		7/24/2019	15			<0.025	U		0.00015	J		<0.0025	U		<0.12	U		3.5			80			1.4			
VMP-16-31-102219		1																									

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-17	5 ft	VMP-17-5-012419	1/24/2019	0.089			<0.022	U		<0.0022	U		<0.0022	U		0.013	J		<0.00022	U		79			21		
		VMP-17-5-042519	4/25/2019	0.55			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
		VMP-17-5-073119	7/31/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
		VMP-17-5-102119	10/21/2019	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
VMP-18	8.5 ft	VMP-18-8.5-012519	1/25/2019	0.76			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-18-8.5-043019	4/30/2019	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			18		
		VMP-18-8.5-072619	7/26/2019	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-18-8.5-072619-DUP	7/26/2019	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
		VMP-18-8.5-102319	10/23/2019	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
		VMP-18-8.5-102319-DUP	10/23/2019	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
VMP-19	5 ft	VMP-19-5-012219	1/22/2019	0.077			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00011	J		79			21		
		VMP-19-5-043019	4/30/2019	0.31			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-19-5-043019-DUP	4/30/2019	0.32			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-19-5-073119	7/31/2019	1			<0.025	U		<0.0025	U		<0.0025	U		0.0045	J		0.00035			80			19		
		VMP-19-5-111519R	11/15/2019	0.17			<0.025	U		<0.0025	U		<0.0025	U		0.22			0.00046			79			21		
VMP-20	5 ft	VMP-20-5-012119	1/21/2019	1.9			<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00012	J		79			19		
		VMP-20-5-042619	4/26/2019	5.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15		
		VMP-20-5-072219	7/22/2019	6.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000075	J		83			10		
		VMP-20-5-102319	10/23/2019	7.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			15		
	10 ft	VMP-20-10-012119	1/21/2019	4			<0.021	U		<0.0021	U		<0.0021	U		0.017	J		<0.00021	U		78			18		
		VMP-20-10-042619	4/26/2019	6.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
		VMP-20-10-072219	7/22/2019	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			8.4		
		VMP-20-10-102319	10/23/2019	11			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			12		
	25 ft	VMP-20-25-012119	1/21/2019	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			17		
		VMP-20-25-012119-DUP	1/21/2019	4.7			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			17		
		VMP-20-25-042619	4/26/2019	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-20-25-072619	7/26/2019	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
	39.5 ft	VMP-20-25-102319	10/23/2019	6.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			14		
		VMP-20-25-102319-DUP	10/23/2019	6.2			<0.024	U		<0.0024	U		<0.0024	U		0.0075	J		<0.00024	U		80			14		
		VMP-20-39.5-020519	2/5/2019	6.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		84			10		
		VMP-20-39.5-042619	4/26/2019	6.1			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		0.00013	J		84			9.7		
VMP-21	5 ft	VMP-21-5-012119	1/21/2019	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			21		
		VMP-21-5-042619	4/26/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.005	J		<0.00025	U		80			18		
		VMP-21-5-072919	7/29/2019	3.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-21-5-102319	10/23/2019	2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			19		
	10 ft	VMP-21-10-012119	1/21/2019	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		77			21		
		VMP-21-10-042619	4/26/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		80			18		
		VMP-21-10-072919	7/29/2019	4.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-21-10-072919-DUP	7/29/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			16		
	25 ft	VMP-21-10-102319	10/23/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		0.0043	J		<0.00024	U		79			17		
		VMP-21-10-102319-DUP	10/23/2019	4.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-21-25-012119	1/21/2019	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-21-25-042619	4/26/2019	1.6			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
	33 ft	VMP-21-25-072919	7/29/2019	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.029	J		<0.00026	U		80			17		
		VMP-21-25-102319	10/23/2019	4.3			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			16		
		VMP-21-33-012119	1/21/2019	3		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-33-012119-DUP	1/21/2019	1.4		J	<0.02	U		<0.002	U		<0.002	U		<0.1	U		0.00017	J		79			20		
33 ft	VMP-21-33-042619	4/26/2019	2.1			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		79			19			
	VMP-21-33-072919	7/29/2019	2.4			<0.024	U		<0.0024	U		<0.0024	U		0.046	J		<0.00024	U		81			17			
33 ft	VMP-21-33-102319	10/23/2019	3.7			<0.023	U		<0.0023	U		<0.0023	U		0.046	J		<0.00023	U		80			16			

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-22	5 ft	VMP-22-5-012819	1/28/2019	0.087			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-22-5-043019	4/30/2019	0.41			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000074	J		80			20		
		VMP-22-5-072419	7/24/2019	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0083	J		0.000088	J		80			19		
	10 ft	VMP-22-5-102319	10/23/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		0.052	J		<0.00024	U		79			20		
		VMP-22-10-012819	1/28/2019	0.079			<0.023	U		<0.0023	U		<0.0023	U		0.066	J		<0.00016	J		79			21		
		VMP-22-10-072419	7/24/2019	0.9			<0.025	U		<0.0025	U		<0.0025	U		0.16			0.00015	J		80			19		
		VMP-22-10-102319	10/23/2019	0.4			<0.025	U		<0.0025	U		<0.0025	U		0.43			0.00018	J		79			20		
	18 ft	VMP-22-18-012819	1/28/2019	0.081			<0.022	U		<0.0022	U		<0.0022	U		0.23			0.00017	J		79			21		
		VMP-22-18-043019	4/30/2019	0.36			<0.023	U		<0.0023	U		<0.0023	U		0.0062	J		<0.00023	U		80			20		
		VMP-22-18-072419	7/24/2019	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.042	J		<0.00026	U		80			19		
		VMP-22-18-102319	10/23/2019	0.9			<0.025	U		<0.0025	U		<0.0025	U		0.33			0.00011	J		79			20		
	38 ft	VMP-22-38-012819	1/28/2019	0.1			<0.023	U		<0.0023	U		<0.0023	U		0.22			0.00017	J		79			21		
VMP-22-38-012819-DUP		1/28/2019	0.098			<0.025	U		<0.0025	U		<0.0025	U		0.19			0.00021	J		79			21			
VMP-22-38-043019		4/30/2019	0.46			<0.023	U		<0.0023	U		<0.0023	U		1.7			0.00017	J		80			20			
VMP-22-38-072419		7/24/2019	0.6			<0.026	U		<0.0026	U		<0.0026	U		0.34			0.00019	J		80			19			
VMP-22-38-102319	10/23/2019	0.28			<0.024	U		<0.0024	U		<0.0024	U		0.81			0.0002	J		79			20				
VMP-23	5 ft	VMP-23-5-012319	1/23/2019	0.27			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			21		
		VMP-23-5-042919	4/29/2019	0.63			<0.024	U		<0.0024	U		<0.0024	U		0.0086	J		0.00014	J		79			20		
		VMP-23-5-072419	7/24/2019	1.9			<0.026	U		<0.0026	U		<0.0026	U		0.0067	J		<0.00026	U		80			18		
		VMP-23-5-102419	10/24/2019	0.62			<0.023	U		<0.0023	U		<0.0023	U		0.0065	J		<0.00023	U		79			20		
	10 ft	VMP-23-10-012319	1/23/2019	0.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00013	J		79			21		
		VMP-23-10-042919	4/29/2019	0.41			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
		VMP-23-10-072419	7/24/2019	1.4			<0.025	U		<0.0025	U		<0.0025	U		0.03	J		0.000082	J		80			19		
		VMP-23-10-102419	10/24/2019	0.77			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000075	J		79			20		
	25 ft	VMP-23-25-012319	1/23/2019	0.74			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-23-25-042919	4/29/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		0.0042	J		<0.00024	U		79			20		
		VMP-23-25-072419	7/24/2019	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		80			18		
		VMP-23-25-102419	10/24/2019	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
40 ft	VMP-23-40-012319	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19			
	VMP-23-40-012319-DUP	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19			
	VMP-23-40-042919	4/29/2019	2.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18			
	VMP-23-40-042919-DUP	4/29/2019	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18			
VMP-24	5 ft	VMP-24-5-012419	1/24/2019	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		79			19		
		VMP-24-5-012419-DUP	1/24/2019	1.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00018	J		79			19		
		VMP-24-5-042419	4/24/2019	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-24-5-102219	10/22/2019	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		80			20		
	10 ft	VMP-24-10-012419	1/24/2019	2.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-24-10-042419	4/24/2019	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-24-10-102219	10/22/2019	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			18		
	22 ft	VMP-24-22-012419	1/24/2019	0.4			<0.023	U		<0.0023	U		<0.0023	U		0.68			0.00024			78			21		
		VMP-24-22-042419	4/24/2019	2.5			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		80			18		
	34 ft	VMP-24-22-102219	10/22/2019	0.51			<0.023	U		<0.0023	U		<0.0023	U		0.37			0.00014	J		79			20		
VMP-24-34-012419		1/24/2019	2.8			<0.021	U		<0.0021	U		<0.0021	U		0.18			<0.00021	U		78			19			
VMP-24-34-042419		4/24/2019	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18			
VMP-24-34-102219		10/22/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18			
VMP-25	5 ft	VMP-25-5-012219	1/22/2019	2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			18		
		VMP-25-5-012219-DUP	1/22/2019	2			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		80			18		
		VMP-25-5-042519	4/25/2019	2.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00035			94			2.9		
		VMP-25-5-042519-DUP	4/25/2019	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00041			94			2.6		
		VMP-25-5-072519	7/25/2019	7.6			<0.026	U		0.0001	J		<0.0026	U		<0.13	U		0.12			90			1.8		
		VMP-25-5-072519-DUP	7/25/2019	7.6			<0.025	U		0.0001	J		<0.0025	U		<0.12	U		0.12			90			1.8		
		VMP-25-5-102819	10/28/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		86			8		
VMP-25-5-102819-DUP	10/28/2019	5.8			<0.025	U		<0.0025	U		<0.0025	U		0.043	J		<0.00025	U		86			7.9				

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

Table with columns: Location, Depth, Sample ID, Sample Date, Carbon Dioxide, Carbon Monoxide, Ethane, Ethene, Helium, Methane, Nitrogen, Oxygen. Each gas column includes Result (%), Lab Quals, and AECOM Quals. Rows are grouped by location (VMP-42, VMP-43, VMP-44, VMP-45) and depth (10 ft, 20 ft, 30 ft).

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen			
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	
VMP-47	5 ft	VMP-47-5-012919	1/29/2019	0.15			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21			
		VMP-47-5-042519	4/25/2019	0.49			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		78			21			
		VMP-47-5-072619	7/26/2019	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00016	J		80			20			
		VMP-47-5-102319	10/23/2019	0.089			<0.025	U		<0.0025	U		<0.0025	U		0.0047	J		0.00016	J		80			20			
	10 ft	VMP-47-10-012919	1/29/2019	0.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21			
		VMP-47-10-042519	4/25/2019	0.38			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000085	J		80			20			
		VMP-47-10-072619	7/26/2019	0.64			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			20			
		VMP-47-10-102319	10/23/2019	0.38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00026	J		80			20			
	20 ft	VMP-47-20-012919	1/29/2019	0.27			<0.02	U		<0.002	U		<0.002	U		<0.1	U		<0.0002	U		79			21			
		VMP-47-20-042519	4/25/2019	0.37			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20			
		VMP-47-20-072619	7/26/2019	0.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20			
		VMP-47-20-102319	10/23/2019	0.39			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20			
30 ft	VMP-47-30-050319	5/3/2019	0.54			<0.024	U		<0.0024	U		<0.0024	U		0.018	J		<0.00024	U		79			20				
	VMP-47-30-072619	7/26/2019	0.95			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		80			19				
	VMP-47-30-102319	10/23/2019	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.005	J		<0.00027	U		80			19				
	VMP-48	5 ft	VMP-48-5-012319	1/23/2019	0.66			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0001	J		80			19		
VMP-48-5-042619			4/26/2019	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		82			16			
VMP-48-5-072619			7/26/2019	6.4			<0.026	U		<0.0026	U		<0.0026	U		0.0069	J		<0.00026	U		80			14			
VMP-48-5-102119			10/21/2019	3			<0.025	U		<0.0025	U		<0.0025	U		0.0095	J		<0.00025	U		80			17			
10 ft		VMP-48-10-012319	1/23/2019	2.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19			
		VMP-48-10-042619	4/26/2019	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18			
		VMP-48-10-072619	7/26/2019	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			15			
		VMP-48-10-102119	10/21/2019	5.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15			
20 ft		VMP-48-20-012319	1/23/2019	3.4			<0.021	U		<0.0021	U		<0.0021	U		0.032	J		<0.00021	U		79			18			
		VMP-48-20-102119	10/21/2019	5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			15			
		30 ft	VMP-48-30-012319	1/23/2019	6.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			15		
			VMP-48-30-042619	4/26/2019	6			<0.024	U		<0.0024	U		<0.0024	U		0.14			<0.00024	U		78			16		
VMP-48-30-072619	7/26/2019		5.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			16				
VMP-48-30-102119	10/21/2019		4.7			<0.026	U		<0.0026	U		<0.0026	U		0.033	J		<0.00026	U		80			15				
VMP-49	5 ft	VMP-49-5-020119	2/1/2019	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21			
		VMP-49-5-042919	4/29/2019	0.45			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20			
		VMP-49-5-072919	7/29/2019	0.88			<0.025	U		<0.0025	U		<0.0025	U		0.0089	J		<0.00025	U		80			19			
		VMP-49-5-101819	10/18/2019	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20			
	10 ft	VMP-49-10-012119	1/21/2019	0.15			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00012	J		79			21			
		VMP-49-10-042919	4/29/2019	0.61			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00013	J		79			20			
		VMP-49-10-072919	7/29/2019	2.1			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		0.00013	J		80			18			
		VMP-49-10-101819	10/18/2019	0.84			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			20			
	20 ft	VMP-49-20-012119	1/21/2019	0.099			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00018	J		79			21			
		VMP-49-20-042919	4/29/2019	0.56			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			20			
		VMP-49-20-072919	7/29/2019	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.42			0.00011	J		81			17			
		VMP-49-20-101819	10/18/2019	0.67			<0.028	U		<0.0028	U		<0.0028	U		0.062	J		0.00013	J		79			20			
30 ft	VMP-49-30-012119	1/21/2019	0.6			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20				
	VMP-49-30-042919	4/29/2019	11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		82			7.4				
	VMP-49-30-042919-DUP	4/29/2019	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			7.3				
	VMP-49-30-072919	7/29/2019	0.91			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		80			19				
VMP-49-30-101819	10/18/2019	3.2			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		82			15					

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-50	5 ft	VMP-50-5-020519	2/5/2019	0.11			<0.025	U		<0 0025	U		<0.0025	U		0.014	J		<0.00025	U		79			21		
		VMP-50-5-042919	4/29/2019	0.39			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-50-5-073019	7/30/2019	1.2			<0.024	U		<0 0024	U		<0.0024	U		4			<0.00024	U		77			18		
		VMP-50-5-102319	10/23/2019	0.47			<0.024	U		<0 0024	U		<0.0024	U		0.0098	J		<0.00024	U		80			20		
	10 ft	VMP-50-10-012519	1/25/2019	0.18			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-50-10-042919	4/29/2019	0.5			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-50-10-073019	7/30/2019	2.1			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-50-10-102319	10/23/2019	0.86			<0.025	U		<0 0025	U		<0.0025	U		0.008	J		<0.00025	U		79			20		
	20 ft	VMP-50-20-020119	2/1/2019	0.41			<0.023	U		<0 0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-50-20-042919	4/29/2019	0.54			<0.023	U		<0 0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-50-20-073019	7/30/2019	1.8			<0.027	U		<0 0027	U		<0.0027	U		0.011	J		<0.00027	U		80			18		
		VMP-50-20-102319	10/23/2019	1.4			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
30 ft	VMP-50-30-012519	1/25/2019	1.5			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		0.00042			78			20			
	VMP-50-30-012519-DUP	1/25/2019	1.5			<0.02	U		<0 002	U		<0.002	U		<0.1	U		0.00036			78			20			
	VMP-50-30-042919	4/29/2019	1.2			<0.025	U		<0 0025	U		<0.0025	U		0.016	J		0.00036			80			19			
	VMP-50-30-073019	7/30/2019	1.8			<0.026	U		<0 0026	U		<0.0026	U		0.0065	J		0.00065			80			18			
VMP-50-30-102319	10/23/2019	2.4			<0.025	U		<0 0025	U		<0.0025	U		<0.13	U		0.0068			80			18				
VMP-51	5 ft	VMP-51-5-012319	1/23/2019	0.088			<0.023	U		<0 0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-51-5-050119	5/1/2019	0.76			<0.026	U		<0 0026	U		<0.0026	U		0.0056	J		<0.00026	U		79			20		
		VMP-51-5-072419	7/24/2019	0.41			<0.026	U		<0 0026	U		<0.0026	U		0.014	J		<0.00026	U		80			20		
		VMP-51-5-102519	10/25/2019	0.5			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	10 ft	VMP-51-10-012319	1/23/2019	0.28			<0.022	U		<0 0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-51-10-050119	5/1/2019	0.56			<0.023	U		<0 0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-51-10-072419	7/24/2019	1.5			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-51-10-102519	10/25/2019	0.99			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	20 ft	VMP-51-20-012319	1/23/2019	0.48			<0.021	U		<0 0021	U		<0.0021	U		0.42			<0.00021	U		79			20		
		VMP-51-20-050119	5/1/2019	0.44			<0.022	U		<0 0022	U		<0.0022	U		0.018	J		<0.00022	U		80			20		
		VMP-51-20-072419	7/24/2019	1.9			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-51-20-102519	10/25/2019	2.5			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			19		
	30 ft	VMP-51-30-012319	1/23/2019	1.1			<0.021	U		<0 0021	U		<0.0021	U		<0.1	U		<0.00021	U		79			20		
		VMP-51-30-050119	5/1/2019	0.78			<0.027	U		<0 0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-51-30-050119-DUP	5/1/2019	0.78			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-51-30-072419	7/24/2019	1.9			<0.023	U		<0 0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			18		
VMP-51-30-102519	10/25/2019	2.7			<0.024	U		<0 0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18				
VMP-51-30-102519-DUP	10/25/2019	2.8			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18				
VMP-52	5 ft	VMP-52-5-013119	1/31/2019	0.48			<0.023	U		<0 0023	U		<0.0023	U		<0.12	U		0.00009	J		78			21		
		VMP-52-5-050219	5/2/2019	1.7			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		0.000088	J		87			11		
		VMP-52-5-072619	7/26/2019	3.6			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-52-5-072619-DUP	7/26/2019	3.6			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			16		
		VMP-52-5-102219	10/22/2019	2.5			<0.026	U		<0 0026	U		<0.0026	U		0.0086	J		<0.00026	U		78			19		
	10 ft	VMP-52-10-013119	1/31/2019	1			<0.022	U		<0 0022	U		<0.0022	U		0.96			<0.00022	U		78			20		
		VMP-52-10-072619	7/26/2019	3.3			<0.025	U		<0 0025	U		<0.0025	U		0.076	J		<0.00025	U		82			15		
		VMP-52-10-102219	10/22/2019	5.4			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
		VMP-52-20-013119	1/31/2019	3.9			<0.021	U		<0 0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			17		
	20 ft	VMP-52-20-013119-DUP	1/31/2019	1.9			<0.021	U		<0 0021	U		<0.0021	U		<0.11	U		0.00012	J		79			19		
		VMP-52-20-050219	5/2/2019	2.4			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-52-20-072219	7/22/2019	2			<0.026	U		<0 0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-52-20-102219	10/22/2019	2.6			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
	30 ft	VMP-52-30-013119	1/31/2019	2.8			<0.021	U		<0 0021	U		<0.0021	U		<0.1	U		0.000078	J		79			18		
		VMP-52-30-050219	5/2/2019	2.7			<0.026	U		<0 0026	U		<0.0026	U		0.0059	J		<0.00026	U		78			19		
		VMP-52-30-072219	7/22/2019	2.1			<0.025	U		<0 0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
VMP-52-30-102219		10/22/2019	2.5			<0.024	U		<0 0024	U		<0.0024	U		0.02	J		<0.00024	U		80			18			
VMP-52-30-102219-DUP		10/22/2019	2.5			<0.025	U		<0 0025	U		<0.0025	U		0.0043	J		<0.00025	U		80			18			

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-011819	1/18/2019	0.38			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		<0.00021	U		78			22		
		VMP-53-5-050319	5/3/2019	0.83			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-5-050319-DUP	5/3/2019	0.82			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-53-5-071919	7/19/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	VMP-53-5-101819	10/18/2019	0.9			<0.024	U		<0.0024	U		<0.0024	U		0.088	J		<0.00024	U		79			20			
	10 ft	VMP-53-10-011819	1/18/2019	0.35			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			20		
		VMP-53-10-050319	5/3/2019	0.72			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-10-071919	7/19/2019	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-10-101819	10/18/2019	0.93			<0.028	U		<0.0028	U		<0.0028	U		0.0049	J		<0.00028	U		79			20		
	20 ft	VMP-53-20-011819	1/18/2019	1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-53-20-050319	5/3/2019	0.86			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-53-20-071919	7/19/2019	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.0055	J		<0.00026	U		80			18		
		VMP-53-20-101819	10/18/2019	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	30 ft	VMP-53-30-013119	1/31/2019	2.4			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		<0.00021	U		79			19		
VMP-53-30-050319		5/3/2019	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19			
VMP-53-30-071919		7/19/2019	2			<0.026	U		<0.0026	U		<0.0026	U		0.0088	J		<0.00026	U		80			18			
VMP-53-30-101819		10/18/2019	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17			
VMP-53-30-101819-DUP	10/18/2019	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17				
VMP-54	5 ft	VMP-54-5-011819	1/18/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			19		
		VMP-54-5-042419	4/24/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0098	J		<0.00023	U		79			19		
		VMP-54-5-072219	7/22/2019	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			16		
		VMP-54-5-102219	10/22/2019	3			<0.026	U		<0.0026	U		<0.0026	U		0.0088	J		<0.00026	U		80			17		
	10 ft	VMP-54-10-011819	1/18/2019	2.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-54-10-042419	4/24/2019	1.7			<0.026	U		<0.0026	U		<0.0026	U		0.0043	J		<0.00026	U		79			19		
		VMP-54-10-072219	7/22/2019	2.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-54-10-102219	10/22/2019	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	20 ft	VMP-54-20-011819	1/18/2019	2.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		
		VMP-54-20-042419	4/24/2019	1.9			<0.022	U		<0.0022	U		<0.0022	U		0.008	J		<0.00022	U		80			18		
		VMP-54-20-072219	7/22/2019	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			17		
		VMP-54-20-102219	10/22/2019	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			16		
30 ft	VMP-54-30-011819	1/18/2019	0.56			<0.022	U		<0.0022	U		<0.0022	U		0.26			<0.00022	U		79			20			
	VMP-54-30-042419	4/24/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		2			<0.00022	U		79			18			
	VMP-54-30-072219	7/22/2019	1.9			<0.025	U		<0.0025	U		<0.0025	U		1			0.00014	J		80			17			
	VMP-54-30-102219	10/22/2019	1.5			<0.029	U		<0.0029	U		<0.0029	U		0.16			<0.00029	U		80			19			
VMP-55	20 ft	VMP-55-20-050119	5/1/2019	16			<0.025	U		0.0019	J		<0.0025	U		<0.12	U		3.4			79			1.9		
		VMP-55-20-073019	7/30/2019	15			<0.025	U		0.00013	J		<0.0025	U		2.9			0.33			76			5.3		
VMP-56	10 ft	VMP-56-10-012819	1/28/2019	0.15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-56-10-050119	5/1/2019	0.27			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		80			20		
		VMP-56-10-072319	7/23/2019	0.62			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-56-10-102119	10/21/2019	0.24			<0.022	U		<0.0022	U		<0.0022	U		0.026	J		0.000077	J		80			20		
	25 ft	VMP-56-25-012819	1/28/2019	0.27			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			21		
		VMP-56-25-012819-DUP	1/28/2019	0.28			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-56-25-050119	5/1/2019	0.48			<0.023	U		<0.0023	U		<0.0023	U		0.004	J		<0.00023	U		80			20		
		VMP-56-25-072319	7/23/2019	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
	38.5 ft	VMP-56-25-102119	10/21/2019	0.31			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-56-38.5-012819	1/28/2019	4.9			<0.023	U		0.0085			<0.0023	U		<0.12	U		0.15			80			9.5		
VMP-56-38.5-050119	5/1/2019	2.3			<0.024	U		0.0038			0.00028	J		0.0039	J		0.098			75			17				

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

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-012819	1/28/2019	0.64			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-62-5-042619	4/26/2019	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.028	J		<0.00024	U		80			19		
		VMP-62-5-072919	7/29/2019	4.1			<0.026	U		<0.0026	U		<0.0026	U		0.029	J		<0.00026	U		80			16		
		VMP-62-5-102319	10/23/2019	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
	10 ft	VMP-62-10-012819	1/28/2019	0.91			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			20		
		VMP-62-10-042619	4/26/2019	1.1			<0.027	U		<0.0027	U		<0.0027	U		0.0057	J		0.00013	J		80			19		
		VMP-62-10-072919	7/29/2019	3.7			<0.023	U		<0.0023	U		<0.0023	U		0.027	J		<0.00023	U		79			17		
		VMP-62-10-072919-DUP	7/29/2019	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.0066	J		<0.00025	U		79			17		
	20 ft	VMP-62-10-102319	10/23/2019	2.1			<0.026	U		<0.0026	U		<0.0026	U		0.0091	J		<0.00026	U		79			19		
		VMP-62-20-012819	1/28/2019	0.86			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00017	J		79			20		
		VMP-62-20-042619	4/26/2019	0.87			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00026			80			19		
		VMP-62-20-072919	7/29/2019	2.8			<0.024	U		<0.0024	U		<0.0024	U		0.0097	J		0.00012	J		79			18		
	30 ft	VMP-62-20-102319	10/23/2019	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-62-30-020519	2/5/2019	0.59			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-62-30-042619	4/26/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.017	J		<0.00024	U		80			20		
		VMP-62-30-042619-DUP	4/26/2019	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
VMP-62-30-072919		7/29/2019	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0063	J		<0.00023	U		80			18			
VMP-62-30-102319		10/23/2019	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		<0.00027	U		80			19			
VMP-63-5-012919		1/29/2019	0.069			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	J	U	79			21			
VMP-63-5-042519		4/25/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.28			<0.00085	J		80			20			
VMP-63	5 ft	VMP-63-5-072319	7/23/2019	0.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00011	J		80			20		
		VMP-63-5-102419	10/24/2019	0.12			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00012	J		80			20		
		VMP-63-5-102419-DUP	10/24/2019	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		80			20		
		VMP-63-10-012919	1/29/2019	0.08			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
	10 ft	VMP-63-10-042519	4/25/2019	0.95			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-63-10-072319	7/23/2019	0.43			<0.025	U		<0.0025	U		<0.0025	U		0.0091	J		<0.00025	U		80			20		
		VMP-63-10-102419	10/24/2019	0.17			<0.023	U		<0.0023	U		<0.0023	U		0.06	J		<0.00023	U		80			20		
		VMP-63-20-012919	1/29/2019	0.076			<0.021	U		<0.0021	U		<0.0021	U		13			<0.00021	U		68			19		
	20 ft	VMP-63-20-022719R	2/27/2019	0.087			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-63-20-042519	4/25/2019	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			19		
		VMP-63-20-042519-DUP	4/25/2019	1.5			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
		VMP-63-20-072319	7/23/2019	0.64			<0.025	U		<0.0025	U		<0.0025	U		0.035	J		<0.00025	U		79			20		
	30 ft	VMP-63-20-102419	10/24/2019	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-63-30-020419	2/4/2019	0.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-63-30-050319	5/3/2019	0.18			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-63-30-072319	7/23/2019	0.96			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
VMP-63-30-102419	10/24/2019	0.88			<0.025	U		<0.0025	U		<0.0025	U		0.026	J		<0.00025	U		79			20				
VMP-64	5 ft	VMP-64-5-012119	1/21/2019	0.086			<0.023	U		<0.0023	U		<0.0023	U		0.021	J		0.000075	J		78			22		
		VMP-64-5-042619	4/26/2019	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-64-5-072519	7/25/2019	0.58			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		80			19		
		VMP-64-5-072519-DUP	7/25/2019	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		80			19		
	10 ft	VMP-64-5-102319	10/23/2019	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-64-10-012119	1/21/2019	1.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-64-10-042619	4/26/2019	0.95			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			19		
		VMP-64-10-072519	7/25/2019	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.72			<0.00025	U		80			16		
	20 ft	VMP-64-10-102319	10/23/2019	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-64-20-012119	1/21/2019	1.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-64-20-042619	4/26/2019	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		80			19		
		VMP-64-20-072519	7/25/2019	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
VMP-64-20-102319	10/23/2019	3.6			<0.026	U		<0.0026	U		<0.0026	U		0.57			<0.00026	U		79			17				

Notes:

Lab Qualifiers

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

AECOM Qualifiers

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

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments	
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-03R	400.71 - 410.71 (31 - 41)	1/17/2019	1224	-25.77	36.74	0.0	1	1.0	19.9	2.9	74.5	32.3	42.2		
SVE-03R		2/13/2019	1500	-28.25	37.28	0.1	2	1.3	19.4	7.3	174	51.4	123		
SVE-03R		3/20/2019	1415	-24.38	37.45	0.0	1	1.2	20.0	4.6	93.1	37.3	55.8		
SVE-03R		4/23/2019	1231	-35.84	35.04	0.0	0	1.3	19.4	2.4	61.5	29.7	31.8		
SVE-03R		5/20/2019	1551	-41.20	32.85	0.0	0	1.0	20.0	0.5	4.2	0.8	3.4		
SVE-03R		6/20/2019	1146	-37.81	32.05	0.0	0	1.2	19.6	2.6	14.1	0.0	14.1		
SVE-03R		7/18/2019	0917	-25.90	32.61	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0		
SVE-03R		8/21/2019	1448	-30.20	31.94	0.0	0	1.7	18.9	0.2	29.7	24.5	5.2		
SVE-03R		9/17/2019	1207	-44.30	30.83	0.0	0	1.7	19.1	0.9	55.3	53.6	1.7		
SVE-03R		10/17/2019	0949	-10.50	32.95	0.0	0	2.0	19.0	0.1	6.8	5.1	1.7		
SVE-03R		11/21/2019	1330	-10.20	34.34	0.0	0	1.3	19.7	0.1	1.4	0.9	0.5		
SVE-03R		12/11/2019	1405	-9.25	34.68	0.0	0	1.5	19.8	0.2	2.0	1.1	0.9		
SVE-04		427.04 - 437.04 (5 - 15)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	2/13/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	3/20/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	4/23/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	5/21/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	6/19/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	7/17/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	8/21/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	9/16/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	10/16/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	11/20/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-04	12/11/2019		NM	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)		1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-05		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06		424.04 - 434.04 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	2/13/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	3/20/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	4/23/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	5/21/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	6/19/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	7/17/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	8/21/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	9/16/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	10/16/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	11/20/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-06	12/11/2019		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-07	423.71 - 433.71 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-07		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08	424.12 - 434.12 (9 - 19)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-08		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09	422.41 - 432.41 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-09		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10	422.74 - 432.74 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-10		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments	
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-11	423.56 - 433.56 (10 - 20)	1/16/2019	1318	-36.77	18.14	1.4	28	3.4	16.3	275	2187	545	1642		
SVE-11		2/13/2019	1313	-32.70	17.57	1.2	24	4.1	14.8	163	2245	894	1351		
SVE-11		3/20/2019	1203	-48.20	16.29	1.1	23	3.3	16.4	201	1817	438	1379		
SVE-11		4/22/2019	1405	-38.41	17.31	1.1	22	3.6	15.4	120	1774	447	1327		
SVE-11		5/20/2019	1316	-46.50	16.62	0.6	12	3.5	16.4	119	856	122	734		
SVE-11		6/19/2019	1543	-36.68	19.29	1.5	31	4.3	14.9	238	2264	442	1822		
SVE-11		7/17/2019	1327	-45.50	18.04	1.1	23	4.2	15.1	202	1532	234	1298		
SVE-11		8/21/2019	1214	-53.20	18.05	0.8	16	4.2	15.7	162	1166	244	922		
SVE-11		9/16/2019	1451	-53.60	17.61	1.2	25	4.7	14.9	182	1832	438	1394		
SVE-11		10/16/2019	1419	-65.70	16.61	0.7	14	4.6	15.2	160	1057	263	794		
SVE-11		11/21/2019	1052	-48.30	17.45	0.4	8	4.0	15.9	138	869	372	497		
SVE-11		12/11/2019	1151	-55.50	16.76	0.3	6	3.0	17.3	86.1	384	141	243		
SVE-12	423.78 - 433.78 (10 - 20)	1/16/2019	1258	-41.50	16.63	11.6	OVR	11.0	5.3	827	7320	519	6801		
SVE-12		2/13/2019	1255	-33.31	18.40	5.8	OVR	10.0	6.3	505	4340	542	3798		
SVE-12		3/20/2019	1137	-49.10	18.30	13.3	OVR	7.8	9.6	715	7630	323	7307		
SVE-12		4/22/2019	1319	-39.88	18.30	15.2	OVR	7.5	10.3	719	9270	653	8617		
SVE-12		5/20/2019	1251	-46.70	17.29	7.7	OVR	5.6	12.9	564	8043	236	7807		
SVE-12		6/19/2019	1535	-37.52	19.67	8.6	OVR	5.5	13.2	611	9005	224	8781		
SVE-12		7/17/2019	1306	-46.80	18.14	12.6	OVR	6.3	12.2	1165	7020	194	6826		
SVE-12		8/21/2019	1204	-53.30	17.74	11.9	OVR	7.1	12.2	1212	6150	267	5883		
SVE-12		9/16/2019	1435	-54.70	17.31	12.7	OVR	6.7	12.6	1188	9750	328	9422		
SVE-12		10/16/2019	1400	-66.90	16.50	7.6	OVR	6.0	13.5	836	6337	191	6146		
SVE-12		11/21/2019	1040	-48.50	20.85	19.9	OVR	8.2	10.2	1676	8870	396	8474		
SVE-12		12/11/2019	1136	-55.30	18.11	4.9	99	6.5	12.0	899	3930	235	3695		
SVE-13	423.77 - 433.77 (10 - 20)	1/16/2019	1248	-47.70	21.63	0.0	1	1.9	19.0	16.1	79.4	3.6	75.8		
SVE-13		2/13/2019	1246	-30.42	21.82	0.0	1	1.4	19.3	8.2	48.7	4.8	43.9		
SVE-13		3/20/2019	1128	-48.00	21.69	0.0	1	1.8	19.3	10.8	70.9	8.0	62.9		
SVE-13		4/22/2019	1308	-44.28	21.16	0.0	0	1.5	19.1	11.2	61.3	5.8	55.5		
SVE-13		5/20/2019	1243	-54.80	21.40	0.0	0	1.4	19.5	10.4	65.6	1.8	63.8		
SVE-13		6/19/2019	1520	-29.84	22.70	0.0	1	1.8	18.8	16.9	88.9	5.5	83.4		
SVE-13		7/17/2019	1258	-35.70	22.00	0.0	1	1.7	18.9	11.4	75.5	4.1	71.4		
SVE-13		8/21/2019	1156	-41.70	21.87	0.1	2	2.1	18.6	18.8	123	8.7	114		
SVE-13		9/16/2019	1424	-45.40	22.04	0.1	2	2.0	18.8	16.1	105	5.0	100		
SVE-13		10/16/2019	1345	-50.40	21.66	0.1	2	2.1	18.6	20.9	93.9	5.8	88.1		
SVE-13		11/21/2019	1034	-36.70	22.31	0.0	1	2.0	18.9	28.4	111	13.2	97.8		
SVE-13		12/11/2019	1129	-39.90	22.13	0.0	1	1.5	19.5	25.6	77.2	2.3	74.9		
SVE-14	423.87 - 433.87 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-14		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-14		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-15	424.15 - 434.15 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-15		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16	423.97 - 433.97 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		10/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-16		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17	424.42 - 434.42 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		2/13/2019	1240	-31.16	21.12	0.1	2	2.7	17.8	13.8	91.9	16.3	75.6	
SVE-17		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-17		6/19/2019	1501	-29.55	22.59	0.0	0	2.3	18.0	0.7	5.7	1.3	4.4	
SVE-17		7/17/2019	1249	-37.30	21.92	0.3	7	2.1	18.0	24.3	1328	1001	327	
SVE-17		8/21/2019	1146	-43.00	21.61	0.7	15	2.5	17.5	42.6	3741	3411	330	
SVE-17		9/16/2019	1412	-45.90	21.75	0.9	18	2.5	17.6	42.8	4645	4379	266	
SVE-17		10/16/2019	1320	-50.40	22.20	0.4	9	2.5	17.8	38.8	2022	1741	281	
SVE-17		11/21/2019	1152	-36.80	21.65	0.2	5	2.9	17.4	43.1	1322	1124	198	
SVE-17		12/11/2019	1121	-41.30	21.75	0.4	9	2.5	17.9	51.1	2124	1988	136	
SVE-18	426.93 - 436.93 (8 - 18)	1/16/2019	1235	-52.90	13.99	0.0	0	2.9	17.6	0.3	0.0	0.0	0.0	
SVE-18		2/13/2019	1231	-34.52	14.41	0.0	0	1.7	18.8	0.4	0.0	0.0	0.0	
SVE-18		3/20/2019	1114	-53.20	14.82	0.0	0	2.0	18.6	0.5	8.7	2.5	6.2	
SVE-18		4/24/2019	1020	-56.00	14.35	0.0	0	2.8	17.6	0.2	0.0	0.0	0.0	
SVE-18		5/20/2019	1225	-57.30	15.11	0.0	0	2.6	18.0	0.0	0.5	0.5	0.0	
SVE-18		6/19/2019	1450	-32.52	15.88	0.5	11	2.7	16.8	9.7	4478	4478	0.0	
SVE-18		7/17/2019	1239	-41.60	15.39	1.4	28	2.7	16.9	64.3	6186	5119	1067	
SVE-18		8/21/2019	1138	-48.20	15.86	0.3	6	2.7	17.5	24.6	1175	949	226	
SVE-18		9/16/2019	1402	-52.10	16.95	0.1	2	2.8	17.3	8.7	613	540	73.0	
SVE-18		10/16/2019	1315	-57.00	15.76	0.1	3	2.6	17.7	17.8	664	528	136	
SVE-18		11/21/2019	1017	-43.40	20.71	0.4	8	3.5	16.2	44.8	2559	2345	214	
SVE-18		12/11/2019	1115	-46.00	20.39	0.3	7	2.5	17.6	37.9	1486	1381	105	

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-19	423.44 - 433.44 (11 - 21)	1/16/2019	1227	-54.20	21.31	0.0	0	3.9	16.0	4.4	52.2	33.2	19.0	
SVE-19		2/13/2019	1223	-37.75	21.75	0.3	7	3.4	16.3	23.7	1277	1018	259	
SVE-19		3/20/2019	1104	-54.70	21.81	4.3	87	4.0	15.1	85.4	26200	21852	4348	
SVE-19		4/22/2019	1255	-48.50	20.52	1.6	31	4.0	14.8	63.7	9264	8719	545	
SVE-19		5/20/2019	1219	-60.70	20.56	2.4	48	4.2	14.9	64.2	14900	12840	2060	
SVE-19		6/19/2019	1305	-45.70	21.70	2.4	48	4.3	14.6	62.8	15100	14054	1046	
SVE-19		7/17/2019	1229	-44.30	21.71	1.8	36	4.2	14.8	89.7	7874	6434	1440	
SVE-19		8/21/2019	1128	-52.70	21.60	1.7	35	4.4	15.0	102	8515	7554	961	
SVE-19		9/16/2019	1353	-54.10	19.17	2.1	42	4.3	15.0	111	10300	9542	758	
SVE-19		10/16/2019	1256	-62.10	21.45	1.5	31	4.4	15.0	139	8173	6949	1224	
SVE-19		11/21/2019	1008	-47.80	21.38	1.0	21	4.4	15.0	152	5703	5017	686	
SVE-19		12/11/2019	1106	-52.00	21.03	0.6	12	3.5	16.5	76.4	2606	2354	252	
SVE-20	409.67 - 419.67 (25 - 35)	1/16/2019	1214	-57.50	37.80	33.3	OVR	6.6	12.4	166	79810	64380	15430	
SVE-20		2/13/2019	1214	-50.20	NE	30.2	OVR	6.1	12.9	139	72220	55870	16350	
SVE-20		3/20/2019	1049	-58.00	36.84	24.5	OVR	6.1	13.0	144	70220	59470	10750	
SVE-20		4/22/2019	1239	-52.31	34.99	22.2	OVR	6.1	12.2	134	70530	60380	10150	
SVE-20		5/20/2019	1414	-65.80	34.85	19.0	OVR	6.4	12.0	136	53270	42470	10800	
SVE-20		6/19/2019	1221	-61.30	35.27	15.4	OVR	6.2	12.1	144	54080	43960	10120	
SVE-20		7/17/2019	1431	-66.00	NE	9.1	OVR	5.6	12.7	325	30530	24670	5860	
SVE-20		8/21/2019	1118	-68.10	NE	6.0	OVR	5.7	12.9	357	22710	18430	4280	
SVE-20		9/16/2019	1316	-69.50	NE	3.8	76	5.8	12.5	262	24340	20230	4110	
SVE-20		10/16/2019	1237	-78.20	NE	3.1	62	5.8	12.7	197	16970	14510	2460	
SVE-20		11/21/2019	0957	-56.60	NE	6.3	OVR	6.4	12.1	361	28680	25170	3510	
SVE-20		12/11/2019	1048	-63.40	37.83	13.4	OVR	5.9	13.1	421	42930	37740	5190	
SVE-21	408.29 - 418.29 (25 - 35)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-21		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22	404.37 - 414.37 (25 - 35)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-22		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-23	405.75 - 415.75 (15 - 25)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-23		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-24	409.22 - 419.22 (15 - 25)	1/17/2019	1115	-46.80	20.19	0.7	14	3.1	17.2	73.1	3831	3272	559	
SVE-24		2/13/2019	1425	-34.90	19.36	0.7	14	2.9	17.2	61.4	4541	3965	576	
SVE-24		3/21/2019	1058	-49.70	20.34	0.7	15	3.1	17.2	95.7	4309	3866	443	
SVE-24		4/23/2019	1313	-43.66	18.28	0.9	19	3.5	16.0	53.9	6906	6521	385	
SVE-24		5/21/2019	0840	-48.50	19.38	0.8	17	3.8	15.5	56.5	5813	5514	299	
SVE-24		6/20/2019	1239	-52.56	20.55	0.5	11	3.6	16.1	42.9	3244	2887	357	
SVE-24		7/18/2019	1013	-64.20	20.81	0.2	5	3.3	16.5	49.9	829	542	287	
SVE-24		8/21/2019	1511	-68.50	20.41	0.1	3	3.6	16.2	21.7	327	216	111	
SVE-24		9/17/2019	1243	-69.40	20.24	0.1	2	3.6	16.5	23.9	347	249	98.0	
SVE-24		10/17/2019	1055	-72.00	19.13	0.1	2	3.4	17.5	24.9	279	197	82.0	
SVE-24		11/21/2019	1150	-53.30	19.27	0.1	2	2.8	17.7	49.8	449	321	128	
SVE-24		12/11/2019	1444	-53.80	19.36	0.1	3	2.5	18.1	40.5	451	379	72.0	
SVE-25	422 - 432 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-25		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26	405.6 - 415.6 (20 - 30)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		10/17/2019	NM	NM	28.63	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-26		12/11/2019	NM	NM	29.75	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-27	405.93 - 415.93 (20 - 30)	1/17/2019	1130	-49.90	26.99	0.9	19	2.5	17.9	40.3	6259	5780	479	
SVE-27		2/13/2019	1438	-38.99	26.31	0.6	12	2.1	18.2	34.5	4562	4168	394	
SVE-27		3/21/2019	1112	-52.40	26.85	0.3	7	2.3	18.3	29.4	2208	2070	138	
SVE-27		4/23/2019	1300	-50.23	25.48	0.5	10	2.2	18.1	21.8	4038	3860	178	
SVE-27		5/21/2019	0858	-34.80	26.51	2.5	49	2.4	17.7	106	5579	3241	2338	
SVE-27		6/20/2019	1219	-53.40	29.28	2.7	54	2.7	17.5	119	4762	1928	2834	
SVE-27		7/18/2019	1001	-65.10	25.66	2.1	42	2.4	17.7	156	3162	1221	1941	
SVE-27		8/21/2019	1522	-68.70	25.22	3.0	60	2.8	17.0	189	4367	1821	2546	
SVE-27		9/17/2019	1300	-70.30	24.78	3.1	62	3.1	16.8	237	5651	3109	2542	
SVE-27		10/17/2019	1030	-73.00	25.87	4.6	98	3.1	17.5	343	6913	3291	3622	
SVE-27		11/21/2019	1200	-48.90	25.71	10.3	OVR	2.7	17.7	453	10110	3152	6958	
SVE-27		12/11/2019	1455	-54.10	26.43	9.4	OVR	2.7	17.9	535	8249	2761	5488	
SVE-28	392.94 - 402.94 (41 - 51)	1/16/2019	NM	NM	44.15	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		2/13/2019	NM	NM	44.28	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		3/20/2019	NM	NM	44.39	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		4/23/2019	NM	NM	43.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		5/21/2019	NM	NM	43.22	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		6/19/2019	NM	NM	41.96	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		7/17/2019	NM	NM	40.88	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		8/21/2019	NM	NM	39.94	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		9/16/2019	NM	NM	39.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		10/16/2019	NM	NM	39.38	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		11/20/2019	NM	NM	39.90	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-28		12/11/2019	NM	NM	40.14	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	412.93 - 422.93 (21 - 31)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29		10/18/2019	1338	-43.80	NM	0.0	0	2.3	18.2	2.1	62.2	48.5	13.7	Test sample.
SVE-29		10/21/2019	1006	-48.30	NM	0.0	0	2.6	17.9	2.7	59.1	42.2	16.9	Test sample.
SVE-29		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-29	12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-30	407.67 - 417.67 (25 - 35)	1/16/2019	1345	-33.17	34.89	5.4	OVR	5.8	14.3	276	10100	5128	4972	
SVE-30		2/13/2019	1336	-27.53	37.05	4.7	95	6.0	13.8	189	9524	4980	4544	
SVE-30		3/20/2019	1236	-33.92	34.29	5.6	OVR	5.5	14.6	232	11900	5652	6248	
SVE-30		4/22/2019	1439	-30.25	34.46	4.9	99	5.3	13.7	244	8580	4770	3810	
SVE-30		5/20/2019	1340	-38.80	33.50	1.8	36	4.7	14.6	155	3907	2035	1872	
SVE-30		6/20/2019	1001	-36.98	33.32	0.7	15	4.5	14.6	77.1	1528	683	845	
SVE-30		7/17/2019	1404	-39.40	32.93	1.6	32	4.7	13.9	166	2579	1013	1566	
SVE-30		8/21/2019	1244	-50.80	31.53	2.1	42	5.8	12.6	234	2523	889	1634	
SVE-30		9/16/2019	1525	-53.20	30.90	2.5	51	6.2	11.7	344	4260	1130	3130	
SVE-30		10/16/2019	1508	-59.70	30.50	2.1	42	6.5	12.0	252	2869	1107	1762	
SVE-30		11/21/2019	1127	-32.57	33.87	1.9	39	7.2	11.5	333	3320	1360	1960	
SVE-30		12/11/2019	1215	-37.25	34.07	1.1	23	5.8	14.1	218	1757	854	903	

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments	
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)		
SVE-31	407.81 - 417.81 (25 - 35)	1/16/2019	1337	-33.89	33.84	3.3	66	3.1	16.8	356	5094	1689	3405		
SVE-31		2/13/2019	1329	-27.72	34.09	4.3	86	3.1	16.4	289	6215	2209	4006		
SVE-31		3/20/2019	1225	-33.83	34.19	3.4	69	3.4	16.7	274	5938	2021	3917		
SVE-31		4/22/2019	1425	-30.30	34.69	4.4	88	3.5	15.5	297	7387	3001	4386		
SVE-31		5/20/2019	1333	-38.10	33.42	27.7	OVR	4.9	14.4	415	41100	11626	29474		
SVE-31		6/20/2019	0951	-37.20	33.96	28.7	OVR	4.7	14.1	411	48700	13077	35623		
SVE-31		7/17/2019	1355	-40.10	33.51	19.4	OVR	4.2	14.7	653	18700	6581	12119		
SVE-31		8/21/2019	1234	-49.90	33.64	28.3	OVR	4.5	14.4	811	22700	10049	12651		
SVE-31		9/16/2019	1513	-56.00	33.80	38.8	OVR	5.0	13.5	741	34270	15110	19160		
SVE-31		10/16/2019	1426	-60.20	33.42	18.6	OVR	3.8	15.9	864	18800	6593	12207		
SVE-31		11/21/2019	1110	-36.10	34.67	11.2	OVR	3.4	16.5	948	12600	4710	7890		
SVE-31		12/11/2019	1207	-37.25	33.28	7.5	OVR	2.9	17.4	825	7255	2506	4749		
SVE-32	408.63 - 418.63 (25 - 35)	1/16/2019	1327	-32.56	33.64	OVR	OVR	7.1	10.2	208	153000	83560	69440		
SVE-32		2/13/2019	1320	-27.53	35.37	OVR	OVR	7.2	10.0	175	121000	67590	53410		
SVE-32		3/20/2019	1212	-33.88	33.88	OVR	OVR	7.1	9.8	168	185000	101000	84000		
SVE-32		4/22/2019	1416	-30.51	35.09	OVR	OVR	6.8	9.4	181	186000	111000	75000		
SVE-32		5/20/2019	1322	-38.00	34.02	OVR	OVR	7.4	9.0	151	198000	124000	74000		
SVE-32		6/20/2019	0942	-37.32	33.30	OVR	OVR	7.0	9.7	134	166000	138462	27538		
SVE-32		7/17/2019	1339	-40.10	31.86	OVR	OVR	6.4	10.4	302	101000	57490	43510		
SVE-32		8/21/2019	1223	-51.40	32.04	OVR	OVR	7.0	9.6	564	99820	59870	39950		
SVE-32		9/16/2019	1505	-55.30	35.65	OVR	OVR	7.5	9.1	402	113000	74130	38870		
SVE-32		10/16/2019	1441	-60.40	33.43	49.1	OVR	6.4	11.3	499	56820	38640	18180		
SVE-32		11/21/2019	1059	-34.80	NE	OVR	OVR	6.9	10.5	786	90710	56430	34280		
SVE-32		12/11/2019	1200	-37.17	34.82	67.6	OVR	6.3	11.6	684	73170	50820	22350		
SVE-33	408.46 - 418.46 (25 - 35)	1/16/2019	1308	-35.34	35.04	21.6	OVR	6.3	12.9	228	34220	23510	10710		
SVE-33		2/13/2019	1303	-28.62	35.45	37.8	OVR	6.3	12.6	151	46360	32190	14170		
SVE-33		3/20/2019	1153	-36.30	35.73	27.8	OVR	6.3	12.6	186	44810	31170	13640		
SVE-33		4/22/2019	1329	-32.55	36.22	26.2	OVR	5.8	12.5	198	44570	30690	13880		
SVE-33		5/20/2019	1302	-29.80	35.65	6.1	OVR	4.9	14.2	158	21300	14444	6856		
SVE-33		6/20/2019	0929	-37.73	36.91	8.7	OVR	5.1	13.7	189	31800	22949	8851		
SVE-33		7/17/2019	1316	-41.30	35.91	10.9	OVR	6.0	12.0	399	19970	14510	5460		
SVE-33		8/21/2019	1258	-50.70	36.25	4.8	96	6.1	12.4	292	12870	9080	3790		
SVE-33		9/16/2019	1444	-57.00	37.52	2.9	58	5.9	12.7	224	10420	7270	3150		
SVE-33		10/16/2019	1408	-58.70	32.92	1.5	30	5.8	13.3	134	4626	3322	1304		
SVE-33		11/21/2019	1046	-33.71	35.55	4.4	89	6.9	11.7	350	12410	9110	3300		
SVE-33		12/11/2019	1144	-38.70	35.53	1.7	34	5.6	13.9	193	5672	4594	1078		
SVE-34	398.76 - 418.76 (25 - 45)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-34		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-34		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-35	402.84 - 412.84 (31 - 41)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-35		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36	423.65 - 433.65 (10 - 20)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-36		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37	409 - 419 (25 - 35)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-37		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-38	409 - 419 (25 - 35)	1/16/2019	1402	-27.77	28.50	0.2	4	1.9	19.4	24.2	251	1.8	249	
SVE-38		2/13/2019	1351	-23.69	29.05	0.1	3	1.8	19.4	13.2	165	5.2	160	
SVE-38		3/20/2019	1252	-27.98	28.34	0.3	6	2.2	19.3	29.4	477	75.8	401	
SVE-38		4/22/2019	1459	-26.18	28.35	0.2	5	1.9	19.0	24.5	343	40.8	302	
SVE-38		5/20/2019	1355	-29.00	28.32	0.2	5	2.0	19.2	25.5	409	96.7	312	
SVE-38		6/20/2019	1020	-28.62	28.35	0.1	2	1.7	19.2	16.7	179	39.6	139	
SVE-38		7/17/2019	1418	-28.60	28.02	0.0	0	1.6	18.9	2.8	22.3	0.0	22.3	
SVE-38		8/21/2019	1309	-35.00	28.62	0.0	0	1.8	18.8	1.1	11.3	5.4	5.9	
SVE-38		9/16/2019	1338	-35.90	27.76	0.1	2	2.0	18.7	11.4	342	221	121	
SVE-38		10/16/2019	1533	-42.00	27.34	0.0	0	2.1	18.6	2.8	27.9	14.3	13.6	
SVE-38		11/21/2019	1140	-29.01	28.95	0.0	0	2.1	18.9	4.6	77.6	58.3	19.3	
SVE-38		12/11/2019	1225	-31.73	28.07	0.0	0	2.0	19.3	1.5	15.2	9.9	5.3	

**TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA**

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-39	409.5 - 419.5 (25 - 35)	1/16/2019	1528	-26.87	31.18	2.2	35	3.0	17.2	149	6346	4221	2125	
SVE-39		2/13/2019	1143	-23.40	31.47	2.0	41	3.0	17.1	79.2	7515	5459	2056	
SVE-39		3/21/2019	1130	-27.16	31.19	2.7	54	3.3	17.0	135	7823	5376	2447	
SVE-39		4/23/2019	1133	-26.53	31.51	2.7	54	3.2	16.7	88.8	9076	6706	2370	
SVE-39		5/20/2019	1438	-28.00	31.21	2.9	58	3.0	17.1	124	8008	5356	2652	
SVE-39		6/20/2019	1118	-27.01	31.31	2.4	48	2.9	17.2	97.5	7103	4622	2481	
SVE-39		7/17/2019	1506	-26.30	31.38	1.7	34	2.6	17.3	104	4533	3013	1520	
SVE-39		8/21/2019	1410	-33.30	31.11	1.4	28	2.8	17.4	93.4	3972	2836	1136	
SVE-39		9/17/2019	1132	-35.30	30.66	1.1	23	2.7	17.6	99.0	3724	3145	579	
SVE-39		10/17/2019	0830	-41.20	30.41	0.8	17	2.7	18.2	68.2	2863	2212	651	
SVE-39		11/21/2019	1327	-28.06	31.39	1.1	22	2.8	17.6	92.2	3896	2992	904	
SVE-39		12/11/2019	1336	-31.17	31.14	0.7	15	2.6	18.0	71.7	2199	1785	414	
SVE-40	409 - 419 (25 - 35)	1/16/2019	1505	-25.98	33.39	3.0	61	1.6	19.0	208	5272	2043	3229	
SVE-40		2/13/2019	1130	-22.25	33.26	3.0	61	1.5	18.8	228	5201	2183	3018	
SVE-40		3/20/2019	1504	-25.63	NE	3.9	78	1.8	18.7	218	6868	3287	3581	
SVE-40		4/23/2019	1144	-26.15	33.21	3.5	70	1.8	18.3	184	6413	3081	3332	
SVE-40		5/20/2019	1446	-25.60	32.95	3.4	69	1.8	18.3	205	6045	2799	3246	
SVE-40		6/20/2019	1128	-27.31	33.18	2.3	46	1.9	18.2	134	4005	1587	2418	
SVE-40		7/17/2019	1518	-26.50	33.10	1.7	33	1.8	18.1	151	2505	941	1564	
SVE-40		8/21/2019	1420	-33.40	32.90	1.9	39	2.2	18.0	196	2907	1162	1745	
SVE-40		9/17/2019	1143	-33.40	31.93	1.9	39	2.3	18.0	273	3455	1459	1996	
SVE-40		10/17/2019	0948	-40.90	31.12	1.7	35	2.2	18.7	278	2711	1056	1655	
SVE-40		11/21/2019	1343	-28.36	33.38	1.9	39	2.2	18.3	323	3218	1459	1759	
SVE-40		12/11/2019	1344	-31.36	32.21	1.7	35	1.9	18.8	319	2307	990	1317	
SVE-41	413 - 423 (20 - 30)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-41		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-42	407.08 - 417.08 (25 - 35)	1/16/2019	1545	-32.41	33.70	0.0	0	2.7	18.4	1.9	3.7	0.5	3.2	
SVE-42		2/13/2019	1510	-25.25	33.48	0.0	0	2.9	17.9	0.4	1.1	0.4	0.7	
SVE-42		3/20/2019	1448	-25.70	33.62	0.0	0	2.8	18.5	0.7	0.9	0.3	0.6	
SVE-42		4/23/2019	1105	-36.65	31.18	0.0	0	2.9	18.0	0.4	0.6	0.2	0.4	
SVE-42		5/20/2019	1536	-41.10	30.35	0.0	0	2.6	18.3	0.7	4.6	2.6	2.0	
SVE-42		6/20/2019	1202	-37.76	30.12	0.0	0	2.5	18.3	0.1	0.0	0.0	0.0	
SVE-42		7/18/2019	0943	-42.80	30.11	0.0	0	2.2	18.6	0.1	1.8	1.0	0.8	
SVE-42		8/21/2019	1429	-50.20	29.37	0.0	0	2.2	18.2	1.7	74.4	55.2	19.2	
SVE-42		9/17/2019	1155	-49.80	28.40	0.0	0	2.1	18.5	1.9	80.5	74.0	6.5	
SVE-42		10/17/2019	0905	-64.30	27.03	0.0	0	1.9	19.0	1.2	51.1	41.8	9.3	
SVE-42		11/21/2019	1320	-47.50	29.68	0.1	3	2.2	18.4	14.8	541	413	128	
SVE-42		12/11/2019	1355	-36.43	30.61	0.2	4	2.0	19.0	19.3	556	443	113	

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-43	407.12 - 417.12 (25 - 35)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43		10/18/2019	1425	-46.90	NM	0.0	0	1.8	19.4	0.4	0.0	0.0	0.0	Test sample.
SVE-43		10/21/2019	1102	-45.80	NM	0.0	0	2.1	19.0	0.3	2.2	1.2	1.0	Test sample.
SVE-43		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-43	12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-44	407.46 - 417.46 (25 - 35)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-44		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	400.58 - 405.58 (37 - 42)	1/17/2019	1242	-26.14	39.18	0.9	19	0.5	20.3	45.3	1954	854	1100	
SVE-45		2/13/2019	1520	-26.76	39.70	2.2	44	0.6	19.9	68.1	5092	2769	2323	
SVE-45		3/20/2019	1428	-24.38	39.51	2.0	40	0.7	20.2	86.4	4654	2463	2191	
SVE-45		4/23/2019	1117	-34.78	38.58	0.8	16	0.7	19.9	45.3	1857	851	1006	
SVE-45		5/21/2019	1350	-7.50	38.84	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Re-sampled due to ambient concentrations.
SVE-45		5/21/2019	1425	NM	38.84	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Re-sample.
SVE-45		5/29/2019	1246	-23.91	NM	0.1	2	0.6	20.0	19.3	189	4.3	185	
SVE-45		6/20/2019	1251	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		6/21/2019	1251	NM	37.45	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		8/21/2019	NM	NM	35.79	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		9/16/2019	NM	NM	35.77	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45		10/16/2019	NM	NM	35.87	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-45	11/20/2019	NM	NM	36.79	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-45	12/11/2019	NM	NM	37.07	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.	
SVE-46	417.85 - 427.85 (15 - 25)	1/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		3/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		4/23/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		5/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		6/19/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		7/17/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		8/21/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		9/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		10/16/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		11/20/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.
SVE-46		12/11/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well valve closed off from SVE System.

TABLE 8
SVE SYSTEM MONTHLY MONITORING - SVE SAMPLING DATA

Sample ID	Well Screen Interval (elev. ft) (ft bgs)	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure	Water	Fixed Gases				Soil Vapor Concentrations				Comments
				Initial Reading (Inches of H ₂ O)	Depth to Water (feet btoc)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
SVE-47	419.01 - 429.01 (15 - 25)	1/17/2019	1154	-31.77	21.77	0.1	2	0.3	20.6	9.3	117	3.3	114	
SVE-47		2/13/2019	1449	-27.96	21.65	0.1	2	0.3	20.6	9.5	105	6.0	99.0	
SVE-47		3/20/2019	1351	-25.50	20.33	0.0	1	0.1	20.7	7.4	72.3	6.7	65.6	
SVE-47		4/23/2019	1155	-36.45	19.24	0.0	0	0.2	20.5	2.3	22.3	1.4	20.9	
SVE-47		5/20/2019	1507	-42.10	18.15	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
SVE-47		6/20/2019	1212	-37.83	18.05	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
SVE-47		7/18/2019	0856	-43.20	17.87	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
SVE-47		8/21/2019	1502	-50.80	18.18	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
SVE-47		9/17/2019	1224	-49.80	18.05	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
SVE-47		10/17/2019	1012	-63.70	18.22	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
SVE-47		11/21/2019	1340	-47.00	18.33	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
SVE-47		12/11/2019	1422	-42.11	18.86	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

Notes:

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

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-1-5	1/17/2019	0926	-1.10	-0.69	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-1-5	2/14/2019	0818	-0.35	-0.40	0.0	0	0.1	20.8	0.1	0.8	0.8	0.0	
VMP-1-5	3/21/2019	0946	-0.57	-0.43	0.0	0	0.0	20.9	0.1	0.4	0.4	0.0	
VMP-1-5	4/23/2019	0839	-1.23	-0.64	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-1-5	5/20/2019	1422	-1.78	-0.66	0.0	0	0.2	20.0	0.9	0.0	0.0	0.0	
VMP-1-5	6/20/2019	1038	-1.12	-0.64	0.0	0	0.5	20.2	0.1	4.6	4.6	0.0	
VMP-1-5	7/18/2019	0804	-0.90	-0.52	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-1-5	8/22/2019	0900	-0.97	-0.46	0.0	0	1.1	19.7	0.3	0.0	0.0	0.0	
VMP-1-5	9/17/2019	0837	-1.04	-0.54	0.0	0	1.0	19.8	0.1	0.0	0.0	0.0	
VMP-1-5	10/17/2019	0927	-0.96	-0.40	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-1-5	11/21/2019	0924	-0.88	-0.55	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-1-5	12/11/2019	1430	-0.10	-0.45	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	1/17/2019	0927	-0.77	-0.62	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-1-8.5-Dup	1/17/2019	0927	NM	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	2/14/2019	0820	-0.28	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5	3/21/2019	0948	-0.42	-0.45	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-1-8.5-Dup	3/21/2019	0948	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	4/23/2019	0841	-0.91	-1.23	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-1-8.5	5/20/2019	1424	-3.23	-0.79	0.0	0	0.1	20.6	0.7	0.0	0.0	0.0	
VMP-1-8.5	6/20/2019	1039	-2.08	-0.68	0.0	0	0.3	20.5	0.1	0.0	0.0	0.0	
VMP-1-8.5	7/18/2019	0806	-3.42	-0.46	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-1-8.5	8/22/2019	0902	-0.98	-0.65	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-1-8.5	9/17/2019	0838	-1.03	-0.69	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-1-8.5	10/17/2019	0928	-0.97	-0.55	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-1-8.5	11/21/2019	0925	-0.58	-0.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-8.5-Dup	11/21/2019	0925	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-1-8.5	12/11/2019	1431	-0.58	-0.61	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-1-23.5	1/17/2019	0928	-0.52	-0.55	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-1-23.5	2/14/2019	0822	-0.84	-0.61	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23.5	3/21/2019	0950	-0.26	-0.43	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23.5	4/23/2019	0843	-0.61	-0.57	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-1-23.5	5/20/2019	1426	-1.13	-1.00	0.0	0	0.0	20.7	0.2	0.0	0.0	0.0	
VMP-1-23.5	6/20/2019	1040	-1.06	-0.94	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-1-23.5-Dup	6/20/2019	1040	NM	NM	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-1-23.5	7/18/2019	0808	-0.87	-0.88	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-1-23.5	8/22/2019	0904	-1.00	-0.99	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-1-23.5	9/17/2019	0839	-1.05	-0.84	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-1-23.5	10/17/2019	0929	-0.97	-0.82	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-1-23.5	11/21/2019	0926	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-1-23.5	12/11/2019	1432	-0.65	-0.95	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-1-38.5	1/17/2019	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	2/14/2019	0824	-0.84	-0.66	0.0	0	0.0	20.9	0.2	0.0	0.0	0 0	
VMP-1-38.5	2/14/2019	1120	-0.61	NM	0.0	0	0.1	20.8	0.2	0.0	0.0	0 0	Re-sample.
VMP-1-38.5	3/21/2019	0952	-0.32	-0.42	0.0	0	0.0	20.9	0.2	0.0	0.0	0 0	
VMP-1-38.5	4/23/2019	0845	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	5/20/2019	1428	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	6/20/2019	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	7/18/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	8/22/2019	0906	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	9/17/2019	0840	-1.04	-0.95	0.0	0	0.1	20.8	0.2	0.0	0.0	0 0	
VMP-1-38.5	10/17/2019	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/21/2019	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/11/2019	1433	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-5	1/17/2019	1017	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0 0	
VMP-2-5	2/14/2019	0852	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0 0	
VMP-2-5	3/21/2019	1028	0.00	0.00	0.0	0	0.8	20.0	0.2	0.0	0.0	0 0	
VMP-2-5	4/23/2019	0914	0.00	0.00	0.0	0	1.2	19.7	0.2	0.0	0.0	0 0	
VMP-2-5	5/20/2019	1500	0.00	0.00	0.0	0	1.5	19.2	0.0	0.0	0.0	0 0	
VMP-2-5	6/20/2019	1009	0.00	0.00	0.0	0	3.3	16.9	0.1	0.0	0.0	0 0	
VMP-2-5	7/18/2019	1100	0.00	0.00	0.0	0	5.1	15.4	0.0	0.0	0.0	0 0	
VMP-2-5	8/22/2019	1002	0.00	0.00	0.0	0	5.6	15.3	0.0	0.0	0.0	0 0	
VMP-2-5	9/17/2019	0922	0.00	0.00	0.0	0	5.0	16.0	0.0	0.0	0.0	0 0	
VMP-2-5	10/17/2019	1001	0.00	0.00	0.0	0	3.8	17.8	0.0	0.0	0.0	0 0	
VMP-2-5	11/21/2019	0950	0.00	0.00	0.0	0	2.2	18.7	0.0	0.0	0.0	0 0	
VMP-2-5	12/12/2019	0835	0.00	0.00	0.0	0	1.5	19.8	0.0	0.0	0.0	0 0	
VMP-2-8.5	1/17/2019	1018	-0.14	0.00	0.0	0	1.5	19.9	0.1	0.0	0.0	0 0	
VMP-2-8.5	2/14/2019	0854	0.00	0.00	0.0	0	1.5	19.9	0.1	0.0	0.0	0 0	
VMP-2-8.5	3/21/2019	1030	-0.10	-0.14	0.0	0	1.3	19.9	0.3	0.0	0.0	0 0	
VMP-2-8.5	4/23/2019	0916	-0.16	-0.16	0.0	0	1.3	19.8	0.2	0.0	0.0	0 0	
VMP-2-8.5	5/20/2019	1502	0.00	-0.10	0.0	0	1.6	19.3	0.1	0.0	0.0	0 0	
VMP-2-8.5	6/20/2019	1010	0.00	0.00	0.0	0	2.3	17.8	0.0	0.0	0.0	0 0	
VMP-2-8.5	7/18/2019	1102	0.00	0.00	0.0	0	3.3	16.7	0.0	0.0	0.0	0 0	
VMP-2-8.5	8/22/2019	1004	0.00	0.00	0.0	0	4.5	16.1	0.0	0.0	0.0	0 0	
VMP-2-8.5	9/17/2019	0923	0.00	0.00	0.0	0	4.5	16.2	0.0	0.0	0.0	0 0	
VMP-2-8.5	10/17/2019	1002	0.00	0.00	0.0	0	4.4	17.1	0.0	0.0	0.0	0 0	
VMP-2-8.5	11/21/2019	0951	0.00	0.00	0.0	0	3.6	17.9	0.0	0.0	0.0	0 0	
VMP-2-8.5	12/12/2019	0836	0.00	0.00	0.0	0	2.6	19.2	0.0	0.0	0.0	0 0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-2-22	1/17/2019	1019	-0.48	-0.17	0.0	0	1.8	19.8	0.1	0.0	0.0	0.0	
VMP-2-22	2/14/2019	0856	-0.13	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-2-22	3/21/2019	1032	-0.44	-0.45	0.0	0	1.4	19.9	0.2	0.0	0.0	0.0	
VMP-2-22	4/23/2019	0918	-0.56	0.00	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-2-22	5/20/2019	1504	-0.21	-0.39	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-2-22-Dup	5/20/2019	1504	NM	NM	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-2-22	6/20/2019	1011	-0.46	-0.48	0.0	0	1.9	18.3	0.0	0.0	0.0	0.0	
VMP-2-22	7/18/2019	1104	-0.12	-0.17	0.0	0	2.7	17.5	0.0	0.0	0.0	0.0	
VMP-2-22	8/22/2019	1006	-0.32	-0.38	0.0	0	3.6	17.0	0.0	0.0	0.0	0.0	
VMP-2-22	9/17/2019	0924	-0.25	-0.24	0.0	0	3.9	16.7	0.0	0.0	0.0	0.0	
VMP-2-22	10/17/2019	1003	-0.30	-0.18	0.0	0	3.9	17.4	0.0	0.0	0.0	0.0	
VMP-2-22	11/21/2019	0952	-0.24	-0.14	0.0	0	3.9	17.5	0.0	0.0	0.0	0.0	
VMP-2-22	12/12/2019	0837	-0.28	-0.20	0.0	0	2.9	18.9	0.0	0.0	0.0	0.0	
VMP-2-42	1/17/2019	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/14/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/21/2019	1034	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/22/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/20/2019	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/20/2019	1012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/18/2019	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/22/2019	1008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/17/2019	0925	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/17/2019	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/21/2019	0953	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/12/2019	0838	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	1/17/2019	1143	-0.15	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-3-5	2/14/2019	0956	0.00	0.00	0.0	0	0.0	20.5	0.6	0.0	0.0	0.0	
VMP-3-5	3/21/2019	1048	-0.15	-0.12	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-3-5	4/23/2019	1016	0.00	-0.22	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-3-5	5/21/2019	0826	-0.28	-0.20	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-5	6/20/2019	0909	-0.13	-0.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	7/18/2019	0854	0.00	0.00	0.0	0	0.5	19.9	0.0	0.0	0.0	0.0	
VMP-3-5	8/22/2019	0954	-0.15	-0.16	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-3-5	9/17/2019	1016	-0.92	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	10/17/2019	1116	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	11/21/2019	1040	-0.38	-0.23	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-3-5	12/12/2019	0911	-0.12	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-3-10	1/17/2019	1144	-1.40	-1.60	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-3-10	2/14/2019	0958	-1.48	-1.26	0.0	0	0.2	20.4	0.1	0.0	0.0	0.0	
VMP-3-10	3/21/2019	1049	-0.39	-0.77	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-3-10	4/23/2019	1018	-0.55	-0.95	0.0	0	0.3	20.3	0.1	0.0	0.0	0.0	
VMP-3-10-Dup	4/23/2019	1018	NM	NM	0.0	0	0.3	20.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-3-10	5/21/2019	0827	-1.98	-1.91	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-3-10	6/20/2019	0910	-1.44	-0.89	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-3-10	7/18/2019	0856	-1.29	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-3-10	8/22/2019	0955	-1.68	-0.81	0.0	0	0.6	19.9	0.1	0.0	0.0	0.0	
VMP-3-10-Dup	8/22/2019	0955	NM	NM	0.0	0	0.9	19.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-3-10	9/17/2019	1017	-0.66	-0.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	10/17/2019	1117	-0.84	-0.83	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-3-10	11/21/2019	1041	-0.96	-0.91	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	12/12/2019	0912	-0.58	-0.51	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-22	1/17/2019	1145	-2.14	-1.93	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	2/14/2019	1000	-1.77	-1.71	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-3-22	3/21/2019	1050	-1.85	-1.76	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	4/23/2019	1020	-2.41	-2.36	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	5/21/2019	0828	-2.48	-2.32	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-3-22	6/20/2019	0911	-2.00	-1.85	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-3-22	7/18/2019	0858	-1.61	-1.52	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-3-22	8/22/2019	0956	-2.03	-2.05	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-3-22	9/17/2019	1018	-1.72	-1.67	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-3-22	10/17/2019	1118	-1.38	-1.44	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-3-22	11/21/2019	1042	-1.53	-1.55	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-3-22	12/12/2019	0913	-1.38	-1.32	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-3-31.5	1/17/2019	1146	-8.66	-7.51	0.0	0	8.3	13.0	0.2	0.0	0.0	0.0	
VMP-3-31.5	2/14/2019	1002	-7.81	-7.55	0.0	0	8.2	13.8	0.1	0.0	0.0	0.0	
VMP-3-31.5	3/21/2019	1051	-7.28	-7.13	0.0	0	7.9	13.8	0.3	0.0	0.0	0.0	
VMP-3-31.5	4/23/2019	1022	-9.27	-9.15	0.0	0	6.8	15.5	0.2	0.0	0.0	0.0	
VMP-3-31.5	5/21/2019	0829	-8.00	-7.99	0.0	0	5.9	16.3	0.0	0.0	0.0	0.0	
VMP-3-31 5-Dup	5/21/2019	0829	NM	NM	0.0	0	6.0	16.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-3-31.5	6/20/2019	0912	-8.11	-7.82	0.0	0	5.5	15.8	0.0	0.0	0.0	0.0	
VMP-3-31.5	7/18/2019	0900	-7.31	-7.23	0.0	0	5.0	15.6	0.0	0.0	0.0	0.0	
VMP-3-31.5	8/22/2019	0951	-8.99	-9.08	0.0	0	5.5	14.5	0.1	8.3	8.3	0.0	
VMP-3-31.5	9/17/2019	1019	-7.59	-7.45	0.0	0	6.1	12.6	0.1	50.8	50.8	0.0	
VMP-3-31.5	10/17/2019	1119	-5.77	-6.65	70.2	OVR	10.1	4.6	725	57460	35120	22340	Re-sampled due to elevated concentrations.
VMP-3-31.5	10/17/2019	1542	-6.39	NM	70.8	OVR	10.0	4.9	739	58290	35220	23070	Re-sample.
VMP-3-31.5	10/21/2019	1300	NM	NM	OVR	OVR	10.9	3.9	622	83420	49580	33840	
VMP-3-31.5	11/21/2019	1043	-9.18	-9.35	82.1	OVR	7.3	10.4	286	99860	68130	31730	
VMP-3-31.5	12/12/2019	0914	-6.85	-6.80	39.5	OVR	7.1	11.6	284	52030	36680	15350	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-3-39	1/17/2019	1147	-3.20	-2.89	0.0	0	4.6	17.5	0.1	1.2	1.2	0.0	
VMP-3-39	2/14/2019	1004	-2.38	-2.23	0.0	0	4.7	17.1	0.1	0.0	0.0	0.0	
VMP-3-39	3/21/2019	1052	-3.36	-3.22	0.0	0	4.1	17.8	0.1	0.0	0.0	0.0	
VMP-3-39	4/23/2019	1024	-3.67	-3.64	0.0	0	3.5	18.5	0.2	0.0	0.0	0.0	
VMP-3-39	5/21/2019	0930	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/20/2019	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/18/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/22/2019	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/17/2019	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/17/2019	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/21/2019	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/12/2019	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	1/17/2019	1015	-1.45	-1.57	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	2/14/2019	1142	-2.77	-2.75	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	3/21/2019	0853	-0.29	-1.30	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-4-5	4/23/2019	1208	-1.56	-1.50	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-4-5	5/21/2019	1056	-1.38	-1.39	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-4-5	6/20/2019	1105	-0.89	-0.90	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	7/18/2019	1020	-0.89	-0.89	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	8/22/2019	0802	-1.14	-1.07	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	9/17/2019	0922	-3.75	-3.75	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-4-5	10/17/2019	1230	-0.86	-0.85	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	11/21/2019	0954	-1.62	-1.23	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	12/12/2019	1104	-1.09	-1.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	1/17/2019	1016	-3.07	-3.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	2/14/2019	1142	-2.77	-2.75	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	3/21/2019	0854	-2.18	-2.13	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-4-12-Dup	3/21/2019	0854	NM	NM	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-4-12	4/23/2019	1210	-2.53	-2.44	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-4-12	5/21/2019	1057	-2.28	-2.28	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	6/20/2019	1106	-1.68	-2.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-4-12	7/18/2019	1022	-1.75	-1.80	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-4-12	8/22/2019	0803	-2.22	-2.17	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-4-12-Dup	8/22/2019	0803	NM	NM	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-4-12	9/17/2019	0932	-1.97	-2.05	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	10/17/2019	1231	-1.99	-1.92	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-4-12	11/21/2019	0956	-3.08	-2.70	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	12/12/2019	1105	-2.07	-1.97	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-4-23.5	1/17/2019	1017	-5.85	-5.72	0.0	0	1.9	19.4	0.1	0.0	0.0	0.0	
VMP-4-23.5	2/14/2019	1143	-4.41	-4.24	0.0	0	1.9	19.0	0.1	0.0	0.0	0.0	
VMP-4-23.5	3/21/2019	0855	-5.89	-5.80	0.0	0	1.7	19.4	0.3	0.0	0.0	0.0	
VMP-4-23.5	4/23/2019	1212	-6.06	-5.82	0.0	0	2.0	19.2	0.1	0.0	0.0	0.0	
VMP-4-23.5	5/21/2019	1058	-6.43	-6.48	0.0	0	1.7	19.3	0.5	0.0	0.0	0.0	
VMP-4-23.5	6/20/2019	1107	-6.26	-6.33	0.0	0	1.9	18.6	0.0	0.0	0.0	0.0	
VMP-4-23.5	7/18/2019	1024	-5.18	-5.26	0.0	0	2.1	18.4	0.1	7.1	6.6	0.5	
VMP-4-23 5-Dup	7/18/2019	1024	NM	NM	0.0	0	2.1	18.2	0.1	8.5	7.1	1.4	Duplicate sample.
VMP-4-23.5	8/22/2019	0804	-5.50	-5.40	0.0	0	2.5	18.3	0.1	9.7	9.1	0.6	
VMP-4-23.5	9/17/2019	0934	-5.14	-5.11	0.0	0	2.8	18.7	0.1	7.9	7.9	0.0	
VMP-4-23.5	10/17/2019	1232	-4.41	-4.36	0.0	0	2.5	18.6	0.1	42.6	42.6	0.0	
VMP-4-23.5	11/21/2019	0958	-5.83	-5.79	0.0	0	3.1	18.4	0.1	23.3	23.3	0.0	
VMP-4-23.5	12/12/2019	1106	-5.56	-5.26	0.0	0	2.1	19.1	0.1	11.8	11.8	0.0	
VMP-4-39	1/17/2019	1018	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/14/2019	1144	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/21/2019	0856	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/23/2019	1214	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2019	1059	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/20/2019	1108	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/18/2019	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/22/2019	0805	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/17/2019	1210	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/21/2019	1000	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/12/2019	1107	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	1/17/2019	0903	-0.10	0.00	0.0	0	0.0	20.9	0.0	1.3	1.3	0.0	
VMP-5-5	2/14/2019	0959	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	3/21/2019	0807	0.47	-0.10	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	4/23/2019	1303	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	5/21/2019	1032	0.00	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-5-5	6/20/2019	1013	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	7/18/2019	1254	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	8/21/2019	1507	0.00	0.00	0.0	0	0.0	20.8	0.1	0.0	0.0	0.0	
VMP-5-5	9/17/2019	0832	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	10/17/2019	1140	-0.09	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	11/21/2019	0848	-0.10	-0.10	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	12/12/2019	1146	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-5-12.5	1/17/2019	0904	0.00	-0.64	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-5-12.5	2/14/2019	1000	-0.42	-0.44	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-5-12.5	3/21/2019	0808	-0.74	-0.72	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-5-12.5	4/23/2019	1305	-0.59	-0.67	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-5-12.5	5/21/2019	1033	-0.63	-0.59	0.0	0	0.3	20.5	0.8	0.0	0.0	0.0	
VMP-5-12.5	6/20/2019	1014	-0.55	-0.64	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-5-12.5	7/18/2019	1255	-0.41	-0.44	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-5-12.5	8/21/2019	1508	-0.42	-0.40	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	9/17/2019	0834	-0.50	-0.47	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-5-12.5	10/17/2019	1141	-0.48	-0.43	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	11/21/2019	0850	-0.57	-0.58	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	12/12/2019	1147	0.00	-0.41	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-31	1/17/2019	0905	-2.29	-2.33	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-5-31	2/14/2019	1001	-1.40	-1.45	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-5-31	3/21/2019	0809	-2.45	-2.39	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-5-31-Dup	3/21/2019	0809	NM	NM	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-5-31	4/23/2019	1307	-2.09	-2.24	0.0	0	0.3	20.3	0.1	0.0	0.0	0.0	
VMP-5-31	5/21/2019	1034	-2.06	-1.94	0.0	0	0.8	20.0	0.4	0.0	0.0	0.0	
VMP-5-31	6/20/2019	1015	-2.19	-2.28	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-5-31	7/18/2019	1256	-1.72	-1.67	0.0	0	1.6	19.5	0.1	0.0	0.0	0.0	
VMP-5-31	8/21/2019	1509	-1.57	-1.50	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-5-31	9/17/2019	0836	-1.88	-1.84	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-5-31	10/17/2019	1142	-1.60	-1.49	0.0	0	1.4	20.0	0.0	0.0	0.0	0.0	
VMP-5-31	11/21/2019	0852	-1.99	-2.02	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-5-31-Dup	11/21/2019	0852	NM	NM	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-5-31	12/12/2019	1148	-1.56	-1.56	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-5-40	1/17/2019	0906	-1.60	-2.44	0.0	0	1.1	20.0	0.2	0.0	0.0	0.0	
VMP-5-40	2/14/2019	1002	-1.42	-1.46	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-5-40	3/21/2019	0810	-2.46	-2.40	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-5-40	4/23/2019	1309	-1.01	-2.25	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-5-40	5/21/2019	1035	-2.07	-1.52	0.0	0	1.3	19.4	0.6	0.0	0.0	0.0	
VMP-5-40	6/20/2019	1016	0.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	7/18/2019	1257	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	8/21/2019	1510	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	9/17/2019	0837	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	10/17/2019	1143	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	11/21/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-40	12/12/2019	1149	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-6-5	1/17/2019	0751	0.41	0.30	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-6-5	2/14/2019	0830	0.20	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-6-5	3/20/2019	1313	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-6-5	4/23/2019	1403	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-6-5	5/21/2019	0950	0.00	0.00	0.0	0	0.4	18.8	0.3	0.0	0.0	0.0	
VMP-6-5	6/20/2019	0844	-0.13	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	7/18/2019	0939	-0.11	-0.13	0.0	0	0.0	20.8	0.1	0.0	0.0	0.0	
VMP-6-5	8/21/2019	1407	-0.19	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	9/16/2019	1504	-0.14	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	10/17/2019	1008	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	11/20/2019	1450	0.43	0.80	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-5	12/12/2019	1036	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-10	1/17/2019	0752	0.09	0.00	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-6-10	2/14/2019	0831	-0.36	-0.25	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-6-10-Dup	2/14/2019	0831	NM	NM	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-10	3/20/2019	1314	-0.12	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-6-10	4/23/2019	1405	0.00	0.00	0.0	0	0.4	20.3	0.1	0.0	0.0	0.0	
VMP-6-10	5/21/2019	0952	0.00	0.00	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-6-10	6/20/2019	0845	-0.49	-0.51	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-6-10	7/18/2019	0940	-0.33	-0.31	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-6-10	8/21/2019	1408	-0.40	-0.28	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-6-10	9/16/2019	1506	-0.65	-0.33	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-6-10	10/17/2019	1009	-0.33	-0.29	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-6-10	11/20/2019	1452	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-10	12/12/2019	1037	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	1/17/2019	0753	0.35	-0.41	0.0	0	2.3	18.6	0.2	0.0	0.0	0.0	
VMP-6-31.5	2/14/2019	0833	-0.57	-0.60	0.0	0	2.6	18.7	0.1	0.0	0.0	0.0	
VMP-6-31.5	3/20/2019	1315	0.00	0.00	0.0	0	1.5	20.0	0.2	0.0	0.0	0.0	
VMP-6-31.5	4/23/2019	1407	-0.21	-0.27	0.0	0	1.8	19.2	0.3	0.0	0.0	0.0	
VMP-6-31.5	5/21/2019	0952	-0.17	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	6/20/2019	0846	-1.12	-1.04	0.0	0	2.4	18.6	0.0	0.0	0.0	0.0	
VMP-6-31 5-Dup	6/20/2019	0846	NM	NM	0.0	0	2.3	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-31.5	7/18/2019	0941	-0.77	-0.63	0.0	0	1.9	19.2	0.1	5.4	5.4	0.0	
VMP-6-31 5-Dup	7/18/2019	0941	NM	NM	0.0	0	2.0	19.1	0.1	6.1	6.1	0.0	Duplicate sample.
VMP-6-31.5	8/21/2019	1409	-0.94	-0.69	0.0	0	1.7	19.6	0.1	5.6	5.6	0.0	
VMP-6-31.5	9/16/2019	1508	-0.65	-0.70	0.0	0	1.9	18.7	0.1	5.9	5.9	0.0	
VMP-6-31.5	10/17/2019	1010	-0.82	-0.76	0.0	0	2.2	19.1	0.0	9.5	9.5	0.0	
VMP-6-31.5	11/20/2019	1454	0.00	0.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-6-31.5	11/21/2019	1100	-0.57	NM	0.0	0	1.8	19.5	0.0	0.0	0.0	0.0	Re-sample. Re-sampled because ambient air was inadvertently introduced into initial sample.
VMP-6-31.5	12/12/2019	1038	0.00	-0.44	0.0	0	1.8	19.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-6-39	1/17/2019	0754	-0.23	-0.31	0.0	0	3.3	17.6	0.1	0.0	0.0	0.0	
VMP-6-39-Dup	1/17/2019	0754	NM	NM	0.0	0	3.3	17.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	2/14/2019	0834	-0.86	-0.62	0.0	0	3.8	17.5	0.0	0.0	0.0	0.0	
VMP-6-39	3/20/2019	1316	-0.26	0.00	0.0	0	2.8	19.1	0.2	0.0	0.0	0.0	
VMP-6-39	4/23/2019	1409	-0.24	-0.26	0.0	0	2.7	18.5	0.1	0.0	0.0	0.0	
VMP-6-39	5/21/2019	0953	-0.22	0.00	0.0	0	2.9	18.3	0.0	0.0	0.0	0.0	
VMP-6-39	6/20/2019	0847	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	7/18/2019	0942	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	8/21/2019	1410	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	9/16/2019	1509	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	10/17/2019	1011	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	11/21/2019	1120	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	12/12/2019	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-5	1/16/2019	1425	-0.16	0.35	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-7-5	2/13/2019	1351	-0.74	-0.53	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-5	3/20/2019	1257	-0.14	-0.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-7-5-Dup	3/20/2019	1257	NM	NM	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	4/23/2019	1433	0.00	0.00	0.0	0	0.1	20.6	0.2	0.0	0.0	0.0	
VMP-7-5	5/21/2019	0905	0.00	0.00	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-7-5	6/19/2019	1537	-1.28	-0.71	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-7-5	7/18/2019	0855	-0.81	-0.61	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-7-5	8/21/2019	1324	-1.31	-0.69	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-7-5	9/16/2019	1425	-0.96	-0.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-5	10/17/2019	0951	-0.62	-0.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-5	11/20/2019	1408	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-5	12/12/2019	1025	-0.59	-0.48	0.0	0	0.0	20.9	0.0	4.4	4.4	0.0	
VMP-7-13.5	1/16/2019	1426	-0.20	-0.45	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-7-13.5	2/13/2019	1352	-1.20	-1.05	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-13.5	3/20/2019	1258	0.00	-0.15	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-7-13.5	4/23/2019	1435	0.00	-0.20	0.0	0	0.2	20.5	0.6	0.0	0.0	0.0	
VMP-7-13.5	5/21/2019	0906	0.00	0.00	0.0	0	0.4	20.5	0.8	0.0	0.0	0.0	
VMP-7-13.5	6/19/2019	1538	-1.35	-1.40	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-7-13.5	7/18/2019	0856	-1.50	-1.29	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-7-13.5	8/21/2019	1325	-1.61	-1.47	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/16/2019	1427	-1.01	-1.29	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-7-13.5	10/17/2019	0952	-1.46	-1.37	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-7-13.5	11/20/2019	1410	0.75	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-13.5	12/12/2019	1026	-1.29	-1.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-13 5-Dup	12/12/2019	1026	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-7-29.5	1/16/2019	1427	-0.55	-0.21	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-7-29.5	1/17/2019	1337	-0.49	NM	0.0	0	1.5	19.7	0.1	0.0	0.0	0.0	Re-sample.
VMP-7-29.5	2/13/2019	1353	-8.60	-1.10	0.0	0	1.9	19.5	0.1	0.0	0.0	0.0	
VMP-7-29.5	3/20/2019	1259	-4.02	0.00	0.0	0	1.2	20.2	0.2	0.0	0.0	0.0	
VMP-7-29.5	4/23/2019	1437	0.69	0.79	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-7-29.5	5/21/2019	0907	0.00	0.00	0.0	0	1.2	19.7	0.6	0.0	0.0	0.0	
VMP-7-29.5	6/19/2019	1539	-1.92	-2.07	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-7-29.5	6/20/2019	1122	-1.00	NM	0.0	0	2.3	18.5	0.0	0.0	0.0	0.0	Re-sample.
VMP-7-29.5	7/18/2019	0857	-1.88	-0.27	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	
VMP-7-29.5	8/21/2019	1326	-1.57	-1.73	0.0	0	2.3	18.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	9/16/2019	1429	-1.51	-1.54	0.0	0	2.5	18.2	0.1	0.0	0.0	0.0	
VMP-7-29.5	10/17/2019	0953	-1.81	-1.72	0.0	0	2.3	19.2	0.0	0.0	0.0	0.0	
VMP-7-29 5-Dup	10/17/2019	0953	NM	NM	0.0	0	2.2	19.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-29.5	11/20/2019	1412	1.13	0.00	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-7-29.5	12/12/2019	1028	-0.97	-0.27	0.0	0	1.7	19.7	0.0	0.0	0.0	0.0	
VMP-7-38	1/16/2019	1428	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	2/13/2019	1354	-1.38	-1.24	0.0	0	3.4	18.0	0.0	0.0	0.0	0.0	
VMP-7-38	3/20/2019	1300	-0.31	-0.19	0.0	0	2.4	19.6	0.3	0.0	0.0	0.0	
VMP-7-38	4/23/2019	1439	-0.24	-0.17	0.0	0	1.6	19.5	0.3	0.0	0.0	0.0	
VMP-7-38	5/21/2019	0908	-0.23	0.00	0.0	0	1.5	19.6	0.7	0.0	0.0	0.0	
VMP-7-38-Dup	5/21/2019	0908	NM	NM	0.0	0	1.5	19.6	0.7	0.0	0.0	NM	Duplicate sample.
VMP-7-38	6/19/2019	1540	-1.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	7/18/2019	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	8/21/2019	1327	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	9/16/2019	1430	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	10/17/2019	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	11/20/2019	1414	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-7-38	12/12/2019	1029	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-5	1/16/2019	1230	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-9-5	2/13/2019	1254	-0.16	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-5	3/20/2019	1156	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-9-5	4/24/2019	0813	-0.28	-0.20	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-9-5	5/21/2019	0812	0.00	0.00	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-9-5	6/19/2019	1400	0.00	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-9-5	7/18/2019	0810	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-9-5	8/21/2019	1157	-0.27	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-5	9/16/2019	1400	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-5	10/17/2019	0901	-0.10	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-5-Dup	10/17/2019	0901	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-5	11/20/2019	1356	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-5	12/12/2019	0921	-0.17	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-9-11.5	1/16/2019	1231	0.00	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	2/13/2019	1255	-0.34	-0.43	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	3/20/2019	1157	-0.29	-0.32	0.0	0	0.0	20.8	0.2	0.0	0.0	0.0	
VMP-9-11.5	4/24/2019	0814	-0.32	-0.28	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-9-11.5	5/21/2019	0813	-0.16	0.00	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-9-11 5-Dup	5/21/2019	0813	NM	NM	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-9-11.5	6/19/2019	1401	-0.14	-0.23	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-9-11.5	7/18/2019	0811	-0.32	-0.32	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-9-11.5	8/21/2019	1157	-0.38	-0.25	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/16/2019	1402	-0.22	-0.25	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-9-11.5	10/17/2019	0902	-0.27	-0.31	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-11.5	11/20/2019	1358	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-11.5	12/12/2019	0922	-0.49	-0.33	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-9-25.5	1/16/2019	1232	-0.18	-0.39	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-9-25.5	2/13/2019	1256	-0.73	-0.75	0.0	0	0.4	20.8	0.0	0.0	0.0	0.0	
VMP-9-25.5	3/20/2019	1158	-0.66	-0.69	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	4/24/2019	0815	-1.48	-0.54	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-9-25.5	5/21/2019	0814	-0.31	-0.38	0.0	0	0.7	19.7	0.3	0.0	0.0	0.0	
VMP-9-25.5	6/19/2019	1402	-0.21	-0.44	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	
VMP-9-25 5-Dup	6/19/2019	1402	NM	NM	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	7/18/2019	0812	-0.71	-0.71	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-9-25 5-Dup	7/18/2019	0812	NM	NM	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	8/21/2019	1159	-0.79	-0.56	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-9-25.5	9/16/2019	1404	-0.35	-0.51	0.0	0	1.5	19.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	10/17/2019	0903	-0.64	-0.66	0.0	0	1.3	20.0	0.0	0.0	0.0	0.0	
VMP-9-25.5	11/20/2019	1400	0.00	0.00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-9-25.5	12/12/2019	0923	-0.74	-0.66	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-9-38.5	1/16/2019	1233	-0.33	-0.34	0.0	0	2.4	19.0	0.1	0.0	0.0	0.0	
VMP-9-38.5	2/13/2019	1257	-1.25	-0.67	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-9-38.5	3/20/2019	1159	0.43	-0.60	0.0	0	2.4	19.2	0.2	0.0	0.0	0.0	
VMP-9-38.5	4/24/2019	0816	-0.57	-0.48	0.0	0	2.2	19.5	0.1	0.0	0.0	0.0	
VMP-9-38.5	5/21/2019	0815	-0.25	-0.35	0.0	0	2.1	18.8	0.2	0.0	0.0	0.0	
VMP-9-38.5	6/19/2019	1403	0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	7/18/2019	0813	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	8/21/2019	1200	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	9/16/2019	1405	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	10/17/2019	0904	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	11/20/2019	1402	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	12/12/2019	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-10-5	1/16/2019	0816	-0.11	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	2/13/2019	0913	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-10-5	3/20/2019	1013	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	4/22/2019	1005	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-10-5	5/20/2019	0953	0.00	0.00	0.0	0	1.2	20.1	0.3	0.0	0.0	0.0	
VMP-10-5	6/19/2019	1305	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-10-5	7/17/2019	1014	0.00	0.00	0.0	0	1.2	20.1	0.1	0.0	0.0	0.0	
VMP-10-5	8/21/2019	0851	0.00	0.00	0.0	0	2.0	19.4	0.1	0.0	0.0	0.0	
VMP-10-5	9/16/2019	0950	0.00	0.00	0.0	0	1.4	20.1	0.0	0.0	0.0	0.0	
VMP-10-5	10/16/2019	1252	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-10-5	11/20/2019	0943	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-5	12/11/2019	1022	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-10-10	1/16/2019	0817	-0.14	0.00	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-10-10	2/13/2019	0914	-0.10	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	3/20/2019	1014	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	4/22/2019	1006	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-10-10	5/20/2019	0955	0.00	0.00	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-10-10	6/19/2019	1305	0.00	0.00	0.0	0	0.9	19.7	0.1	0.0	0.0	0.0	
VMP-10-10	7/17/2019	1015	0.00	0.00	0.0	0	1.5	19.5	0.1	0.0	0.0	0.0	
VMP-10-10	8/21/2019	0852	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-10-10	9/16/2019	0952	0.00	0.00	0.0	0	1.9	19.6	0.0	0.0	0.0	0.0	
VMP-10-10	10/16/2019	1253	0.00	0.19	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-10-10	11/20/2019	0944	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-10	12/11/2019	1023	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	1/16/2019	0817	-0.19	0.19	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	2/13/2019	0915	-0.14	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	3/20/2019	1015	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-10-20	4/22/2019	1007	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	5/20/2019	0955	0.00	0.00	0.0	0	0.4	20.2	0.3	0.0	0.0	0.0	
VMP-10-20	6/19/2019	1307	0.00	0.00	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-10-20	7/17/2019	1016	0.00	0.00	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-10-20	8/21/2019	0853	0.00	0.00	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-10-20	9/16/2019	0954	0.00	0.00	0.0	0	2.0	19.1	0.0	0.0	0.0	0.0	
VMP-10-20-Dup	9/16/2019	0954	NM	NM	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	10/16/2019	1254	0.20	0.00	0.0	0	1.9	19.6	0.0	0.0	0.0	0.0	
VMP-10-20	11/20/2019	0945	0.00	0.00	0.0	0	1.3	20.0	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-20-Dup	11/20/2019	0945	NM	NM	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-10-20	12/11/2019	1024	-0.10	0.00	0.0	0	1.1	20.2	0.1	0.0	0.0	0.0	
VMP-10-20-Dup	12/11/2019	1024	NM	NM	0.0	0	1.1	20.2	0.1	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-10-30	1/16/2019	0819	-0.22	1.26	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-10-30	2/13/2019	0916	-0.15	0.00	0.0	0	0.8	20.3	0.3	0.0	0.0	0.0	
VMP-10-30	3/20/2019	1016	0.25	0.00	0.0	0	0.7	20.2	0.3	0.0	0.0	0.0	
VMP-10-30	4/22/2019	1008	0.00	0.00	0.0	0	0.5	20.5	0.4	26.6	26.6	0.0	
VMP-10-30-Dup	4/22/2019	1008	NM	NM	0.0	0	0.5	20.5	0.4	27.3	27.3	0.0	Duplicate sample.
VMP-10-30	5/20/2019	0956	0.00	0.00	0.0	0	0.4	20.1	0.3	0.0	0.0	0.0	
VMP-10-30	6/19/2019	1308	0.54	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	7/17/2019	1017	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	8/21/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	9/16/2019	0955	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	10/16/2019	1255	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	11/20/2019	0946	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-10-30	12/11/2019	1006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-5	1/16/2019	1202	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-11-5	2/13/2019	1227	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-11-5	3/20/2019	1133	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-11-5	4/22/2019	1237	0.00	0.00	0.0	0	0.5	20.1	0.5	0.0	0.0	0.0	
VMP-11-5	5/20/2019	1110	0.00	0.00	0.0	0	1.5	19.9	0.2	0.0	0.0	0.0	
VMP-11-5	6/19/2019	1117	0.28	0.00	0.0	0	1.5	19.4	0.1	0.0	0.0	0.0	
VMP-11-5	7/17/2019	1347	0.00	0.00	0.0	0	2.2	18.9	0.1	0.0	0.0	0.0	
VMP-11-5	8/21/2019	1138	0.00	0.00	0.0	0	3.0	17.9	0.1	0.0	0.0	0.0	
VMP-11-5	9/16/2019	1106	-0.22	-0.17	0.0	0	2.8	18.8	0.4	0.0	0.0	0.0	
VMP-11-5	10/16/2019	1425	-0.27	0.36	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-11-5	11/20/2019	1112	0.00	0.00	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-5	12/12/2019	0845	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-11-8	1/16/2019	1203	-0.13	-0.60	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-11-8	2/13/2019	1228	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-11-8	3/20/2019	1134	0.00	0.00	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-11-8	4/22/2019	1238	0.00	0.00	0.0	0	0.6	19.9	0.9	0.0	0.0	0.0	
VMP-11-8	5/20/2019	1111	0.00	0.00	0.0	0	1.6	19.6	0.3	0.0	0.0	0.0	
VMP-11-8	6/19/2019	1118	0.00	0.00	0.0	0	2.0	18.9	0.1	0.0	0.0	0.0	
VMP-11-8	7/17/2019	1348	0.00	0.00	0.0	0	2.5	18.5	0.1	0.0	0.0	0.0	
VMP-11-8	8/21/2019	1139	0.00	0.00	0.0	0	2.9	18.0	0.0	0.0	0.0	0.0	
VMP-11-8	9/16/2019	1108	-0.61	-0.31	0.0	0	2.8	18.7	0.3	0.0	0.0	0.0	
VMP-11-8	10/16/2019	1426	-1.41	0.00	0.0	0	1.3	19.8	0.1	0.0	0.0	0.0	
VMP-11-8	11/20/2019	1113	2.58	0.59	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-8	12/12/2019	0846	0.27	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-11-29	1/16/2019	1204	-0.23	-0.16	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-11-29	2/13/2019	1229	-0.28	-0.29	0.0	0	1.0	20.0	0.4	0.0	0.0	0.0	
VMP-11-29	3/20/2019	1135	-0.49	-0.50	0.0	0	1.0	20.3	0.5	0.0	0.0	0.0	
VMP-11-29	4/22/2019	1239	-0.46	-0.43	0.0	0	0.9	19.8	1.4	0.0	0.0	0.0	
VMP-11-29	5/20/2019	1112	-0.27	0.00	0.0	0	1.0	19.7	0.2	0.0	0.0	0.0	
VMP-11-29-Dup	5/20/2019	1112	NM	NM	0.0	0	1.1	19.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-11-29	6/19/2019	1119	-0.24	-0.25	0.0	0	1.2	19.1	0.1	0.0	0.0	0.0	
VMP-11-29	7/17/2019	1349	-0.14	-0.19	0.0	0	1.5	18.7	0.1	0.0	0.0	0.0	
VMP-11-29	8/21/2019	1140	-0.21	0.00	0.0	0	2.2	18.3	0.2	0.0	0.0	0.0	
VMP-11-29	9/16/2019	1110	0.00	0.00	0.0	0	2.2	18.3	0.2	0.0	0.0	0.0	
VMP-11-29	10/16/2019	1427	-0.10	-0.11	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	
VMP-11-29	11/20/2019	1114	0.00	0.00	0.0	0	2.1	18.7	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-29	12/12/2019	0847	-0.22	0.00	0.0	0	1.9	19.5	0.1	0.0	0.0	0.0	
VMP-11-29-Dup	12/12/2019	0847	NM	NM	0.0	0	1.9	19.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-11-38	1/16/2019	1205	0.00	0.00	0.0	0	1.3	19.9	0.2	0.0	0.0	0.0	
VMP-11-38	2/13/2019	1230	0.00	-0.10	0.0	0	0.9	20.1	0.3	0.0	0.0	0.0	
VMP-11-38	3/20/2019	1136	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-11-38	4/22/2019	1240	0.00	0.00	0.0	0	0.5	20.2	0.8	0.0	0.0	0.0	
VMP-11-38	5/20/2019	1113	0.00	0.00	0.0	0	0.9	20.1	0.8	0.0	0.0	0.0	
VMP-11-38	6/19/2019	1120	0.00	0.00	0.0	0	1.3	19.5	0.7	0.0	0.0	0.0	
VMP-11-38-Dup	6/19/2019	1120	NM	NM	0.0	0	1.4	19.4	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-11-38	7/17/2019	1350	0.00	0.00	0.0	0	1.7	19.2	0.1	0.0	0.0	0.0	
VMP-11-38	8/21/2019	1141	0.00	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-11-38	9/16/2019	1112	0.00	0.00	0.0	0	2.0	19.4	0.3	0.0	0.0	0.0	
VMP-11-38	10/16/2019	1428	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-11-38	11/20/2019	1115	0.15	0.00	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-11-38	12/12/2019	0849	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-12-5	1/16/2019	0828	-1.57	-1.61	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-12-5	2/13/2019	1106	-2.17	-1.58	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-5	3/20/2019	0855	-1.33	-1.28	0.0	0	0.0	20.9	0.3	18.6	18.6	0.0	
VMP-12-5	4/22/2019	0857	-0.94	-0.90	0.0	0	0.0	20.9	0.5	3.8	3.8	0.0	
VMP-12-5	5/20/2019	0842	-0.96	-0.93	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	6/19/2019	1200	-0.70	-0.68	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-12-5	7/17/2019	0904	-0.64	-1.01	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-12-5	8/21/2019	0850	-0.61	-0.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	9/16/2019	0909	-0.47	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	10/16/2019	0931	-0.48	-0.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	11/20/2019	0859	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-5	12/11/2019	0900	-1.09	-1.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-12-11 5	1/16/2019	0829	-5.14	6.45	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-12-11 5	2/13/2019	1108	-24.90	-1.99	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-11 5	3/20/2019	0859	-1.73	-1.67	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-11 5	4/22/2019	0859	-1.11	-1.09	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-11 5	5/20/2019	0844	-1.07	-1.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11 5	6/19/2019	1201	-0.83	-0.90	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-12-11 5	7/17/2019	0906	-1.18	-1.35	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-12-11 5	8/21/2019	0851	-0.76	-0.76	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11 5	9/16/2019	0910	-0.61	-0.43	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-12-11 5	10/16/2019	0932	-0.58	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11 5	11/20/2019	0900	-0.14	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-11 5	12/11/2019	0901	-1.34	-1.36	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-25	1/16/2019	0830	-1.89	-33.00	0.0	0	1.2	19.3	0.5	17.3	17.3	0.0	
VMP-12-25	2/13/2019	1110	-1.37	-2.52	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-12-25	3/20/2019	0859	2.30	-2.34	0.0	0	0.5	20.4	0.2	0.0	0.0	NM	
VMP-12-25	4/22/2019	0901	-1.45	-1.45	0.0	0	0.2	18.5	1.2	0.0	0.0	0.0	
VMP-12-25	5/20/2019	0846	-1.16	-1.36	0.0	0	1.5	18.8	0.2	0.0	0.0	0.0	
VMP-12-25-Dup	5/20/2019	0846	NM	NM	0.0	0	1.5	18.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	6/19/2019	1202	-1.12	-1.20	0.0	0	1.4	18.6	0.0	0.0	0.0	0.0	
VMP-12-25	7/17/2019	0908	-1.55	-1.06	0.0	0	1.2	19.2	0.1	0.0	0.0	0.0	
VMP-12-25	8/21/2019	0852	-1.03	-1.04	0.0	0	1.6	19.0	0.0	0.0	0.0	0.0	
VMP-12-25	9/16/2019	0911	-0.80	-0.61	0.0	0	2.1	18.2	0.1	0.0	0.0	0.0	
VMP-12-25	10/16/2019	0933	-0.77	-0.76	0.0	0	2.6	17.7	0.1	0.0	0.0	0.0	
VMP-12-25	11/20/2019	0901	-0.18	0.00	0.0	0	5.2	12.0	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-12-25	12/11/2019	0902	-1.90	-1.91	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-12-39	1/16/2019	0831	-2.27	-1.76	71.5	OVR	15.2	0.9	98.5	282000	219000	63000	
VMP-12-39	2/13/2019	1112	-1.77	-2.14	27.4	OVR	15.0	0.6	117	112000	95000	17000	
VMP-12-39	3/20/2019	0901	-2.62	-2.53	14.9	OVR	12.0	5.7	87.2	80380	71230	9150	
VMP-12-39	4/22/2019	0903	-1.53	-1.56	44.9	OVR	13.7	2.1	126	205000	159000	46000	
VMP-12-39	5/20/2019	0848	-1.43	-1.52	64.4	OVR	15.1	0.8	132	226000	174000	52000	
VMP-12-39	6/19/2019	1203	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	7/17/2019	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	8/21/2019	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	9/16/2019	0912	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	10/16/2019	0934	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	11/20/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-12-39	12/11/2019	0903	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-13-5	1/16/2019	0934	-0.21	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-13-5	2/13/2019	1017	0.51	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-5	3/20/2019	0857	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-5	4/22/2019	0903	-0.03	-0.09	0.0	0	0.1	20.8	0.8	0.0	0.0	0.0	
VMP-13-5	5/20/2019	0834	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-5	6/19/2019	1000	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-13-5	7/17/2019	1036	0.00	0.00	0.0	0	0.8	19.8	0.1	0.0	0.0	0.0	
VMP-13-5	8/21/2019	0952	-0.14	0.00	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-13-5	9/16/2019	0904	0.00	0.00	0.0	0	1.1	19.6	0.1	0.0	0.0	0.0	
VMP-13-5	10/16/2019	1153	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-13-5	11/20/2019	0903	0.00	0.00	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-5	12/11/2019	0929	-0.04	-0.15	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-10.5	1/16/2019	0935	-0.59	-0.43	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-13-10.5	2/13/2019	1018	-0.47	-0.40	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-10.5	3/20/2019	0858	-0.39	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-13-10.5	4/22/2019	0904	-0.09	-0.42	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-10.5	5/20/2019	0835	-0.12	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-13-10.5	6/19/2019	1001	0.00	-0.25	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-10.5	7/17/2019	1037	0.00	-0.23	0.0	0	0.3	20.1	0.1	0.0	0.0	0.0	
VMP-13-10.5	8/21/2019	0953	-0.24	-0.10	0.0	0	0.8	19.8	0.0	0.0	0.0	0.0	
VMP-13-10.5	9/16/2019	0906	-0.21	-0.16	0.0	0	0.8	19.8	0.0	0.0	0.0	0.0	
VMP-13-10.5	10/16/2019	1154	-0.10	-0.21	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-13-10.5-Dup	10/16/2019	1154	NM	NM	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-10.5	11/20/2019	0904	-0.11	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-10.5	12/11/2019	0930	-0.47	-0.28	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	1/16/2019	0936	-0.51	-0.55	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	2/13/2019	1019	-0.79	-0.51	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-13-21.5	3/20/2019	0859	-0.51	-0.50	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-13-21.5-Dup	3/20/2019	0859	NM	NM	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	4/22/2019	0905	-0.11	-0.51	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-13-21.5	5/20/2019	0836	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-13-21.5	6/19/2019	1002	-0.21	-0.30	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-13-21.5	7/17/2019	1038	-0.16	-0.28	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	8/21/2019	0954	-0.24	-0.10	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	9/16/2019	0908	0.00	-0.21	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-13-21.5	10/16/2019	1155	-0.25	-0.12	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-13-21.5	11/20/2019	0905	-0.09	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-21.5	12/11/2019	0931	-0.58	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-13-29 5	1/16/2019	0937	-0.30	-0.16	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-13-29 5	2/13/2019	1020	-0.15	-0.15	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-29 5	3/20/2019	0900	-0.16	-0.15	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-13-29 5	4/22/2019	0906	-0.03	-0.16	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-13-29 5	5/20/2019	0837	-0.13	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-13-29 5	6/19/2019	1003	0.00	0.00	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-13-29 5	7/17/2019	1039	0.00	0.00	0.0	0	0.3	20.0	0.2	0.0	0.0	0.0	
VMP-13-29 5	8/21/2019	0955	0.00	-0.10	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-13-29 5	9/16/2019	0910	0.00	0.00	0.0	0	0.9	19.7	0.1	0.0	0.0	0.0	
VMP-13-29 5	10/16/2019	1156	0.00	0.00	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-13-29 5	11/20/2019	0906	-0.10	0.00	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-13-29 5	12/11/2019	0932	-0.18	-0.22	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	
VMP-14-5	1/16/2019	1004	-1.95	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-14-5	2/13/2019	1031	-1.16	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-14-5	3/20/2019	0853	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-14-5	4/22/2019	0839	-0.25	-0.33	0.0	0	0.4	20.5	0.6	0.0	0.0	0.0	
VMP-14-5	5/20/2019	0816	0.00	0.00	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-14-5	6/19/2019	0917	-10.21	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-14-5	7/17/2019	1148	0.00	0.00	0.0	0	0.9	20.2	0.2	0.0	0.0	0.0	
VMP-14-5	8/21/2019	1012	0.00	0.00	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-14-5	9/16/2019	0946	0.00	0.00	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-14-5	10/16/2019	1125	-0.10	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-14-5	11/20/2019	0839	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-5	12/11/2019	0856	-0.25	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-14-11 5	1/16/2019	1005	0.12	-0.13	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-14-11 5	2/13/2019	1032	-0.66	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-14-11.5-Dup	2/13/2019	1032	NM	NM	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-14-11 5	3/20/2019	0834	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-14-11 5	4/22/2019	0840	0.00	-0.19	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-14-11 5	5/20/2019	0817	0.00	0.00	0.0	0	0.8	20.3	0.2	0.0	0.0	0.0	
VMP-14-11.5-Dup	5/20/2019	0817	NM	NM	0.0	0	0.8	20.3	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-14-11 5	6/19/2019	0918	0.32	0.00	0.0	0	1.0	20.0	0.4	0.0	0.0	0.0	
VMP-14-11 5	7/17/2019	1149	0.00	0.00	0.0	0	0.8	20.3	0.3	0.0	0.0	0.0	
VMP-14-11 5	8/21/2019	1013	0.00	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-14-11 5	9/16/2019	0848	0.00	0.00	0.0	0	0.6	0.4	0.2	0.0	0.0	0.0	
VMP-14-11 5	10/16/2019	1126	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-14-11 5	11/20/2019	0840	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-11 5	12/11/2019	0857	-0.53	0.10	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-14-11.5-Dup	12/11/2019	0857	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-14-20	1/16/2019	1006	-1.34	-1.39	0.0	0	10.5	7.8	0.3	0.0	0.0	0.0	
VMP-14-20-Dup	1/16/2019	1006	NM	NM	0.0	0	9.8	8.8	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	2/13/2019	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-20	3/20/2019	0835	-1.58	0.00	0.0	0	10.3	7.6	0.6	0.0	0.0	0.0	
VMP-14-20	4/22/2019	0841	-0.79	-0.39	0.0	0	10.2	6.2	1.2	14.3	14.3	0.0	
VMP-14-20	5/20/2019	0818	-3.51	0.00	0.0	0	10.2	5.9	0.4	146	141	5.0	
VMP-14-20	6/19/2019	0919	-5.71	-0.29	0.0	0	6.4	11.4	0.3	8.9	8.9	0.0	
VMP-14-20-Dup	6/19/2019	0919	NM	NM	0.0	0	6.3	11.5	0.3	9.2	9.2	0.0	Duplicate sample.
VMP-14-20	7/17/2019	1150	0.00	0.00	0.0	0	8.6	9.5	0.5	1.0	1.0	0.0	
VMP-14-20	8/21/2019	1014	-0.62	-0.41	0.0	0	9.6	9.1	0.4	4.0	4.0	0.0	
VMP-14-20	9/16/2019	0850	-0.58	-0.29	0.0	0	6.8	12.4	0.2	0.0	0.0	0.0	
VMP-14-20	10/16/2019	1127	-0.57	-0.48	0.0	0	8.9	11.0	0.1	0.0	0.0	0.0	
VMP-14-20-Dup	10/16/2019	1127	NM	NM	0.0	0	8.6	11.0	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-14-20	11/20/2019	0841	-0.20	-0.11	0.0	0	8.2	10.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-20-Dup	11/20/2019	0841	NM	NM	0.0	0	8.3	10.6	0.0	0.0	0.0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-14-20	12/11/2019	0858	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-14-29	1/16/2019	1007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	2/13/2019	1034	-0.69	-0.47	0.0	0	4.2	15.5	0.3	0.0	0.0	0.0	
VMP-14-29	3/20/2019	0836	-0.30	-0.29	0.0	0	4.2	16.2	0.3	0.0	0.0	0.0	
VMP-14-29	4/22/2019	0842	-0.38	-0.27	0.0	0	5.0	13.3	0.4	0.5	0.5	0.0	
VMP-14-29-Dup	4/22/2019	0842	NM	NM	0.0	0	5.1	13.0	0.4	0.5	0.5	0.0	Duplicate sample.
VMP-14-29	5/20/2019	0819	-0.42	-0.26	0.0	0	6.7	10.0	0.1	21.2	21.2	0.0	
VMP-14-29	6/19/2019	0920	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	7/17/2019	1151	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	8/21/2019	1015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	9/16/2019	0851	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	10/16/2019	1128	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	11/20/2019	0842	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-29	12/11/2019	0859	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-17-5	1/16/2019	1156	0.12	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-17-5	2/13/2019	1221	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	3/20/2019	1130	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5	4/22/2019	1229	0.00	0.00	0.0	0	0.4	20.5	0.6	0.0	0.0	0.0	
VMP-17-5	5/20/2019	1103	0.00	0.00	0.0	0	1.3	20.1	0.1	0.0	0.0	0.0	
VMP-17-5	6/19/2019	1131	0.00	0.00	0.0	0	1.2	19.7	0.7	0.0	0.0	0.0	
VMP-17-5	7/17/2019	1340	0.00	0.00	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-17-5-Dup	7/17/2019	1340	NM	NM	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	8/21/2019	1134	0.00	0.00	0.0	0	1.5	19.3	0.0	0.0	0.0	0.0	
VMP-17-5	9/16/2019	1058	0.00	0.00	0.0	0	1.5	19.6	0.2	0.0	0.0	0.0	
VMP-17-5	10/16/2019	1419	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-17-5	11/20/2019	1107	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-17-5	12/12/2019	0841	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-18-8.5	1/16/2019	1145	0.00	-0.18	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	2/13/2019	1207	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-18-8.5	3/20/2019	1121	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-18-8.5	4/22/2019	1211	0.00	0.00	0.0	0	0.8	18.8	0.4	0.0	0.0	0.0	
VMP-18-8.5-Dup	4/22/2019	1211	NM	NM	0.0	0	0.8	18.8	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	5/20/2019	1210	0.00	0.00	0.0	0	2.4	17.2	0.0	0.0	0.0	0.0	
VMP-18-8.5	6/20/2019	0818	0.00	0.00	0.0	0	4.0	17.0	0.0	0.0	0.0	0.0	
VMP-18-8.5	7/18/2019	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well vault. Could not access.
VMP-18-8.5	8/21/2019	1124	0.00	0.00	0.0	0	4.5	16.8	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/16/2019	1048	0.00	0.00	0.0	0	4.3	16.8	0.1	0.0	0.0	0.0	
VMP-18-8.5	10/17/2019	0937	-0.09	0.00	0.0	0	4.3	17.9	0.0	0.0	0.0	0.0	
VMP-18-8.5	11/20/2019	1054	0.00	0.00	0.0	0	3.2	18.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-18-8.5	12/12/2019	0830	0.00	0.00	0.0	0	1.7	20.0	0.0	0.0	0.0	0.0	
VMP-19-5	1/16/2019	1149	-0.16	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	2/13/2019	1216	-0.10	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5-Dup	2/13/2019	1216	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-19-5	3/20/2019	1125	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	4/22/2019	1223	0.00	0.00	0.0	0	0.2	20.6	0.8	0.0	0.0	0.0	
VMP-19-5	5/20/2019	1058	0.00	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-19-5	6/20/2019	0826	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-19-5	7/17/2019	1400	0.00	0.00	0.0	0	1.1	19.4	0.1	5.3	5.3	0.0	
VMP-19-5	8/21/2019	1402	0.00	0.00	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-19-5	9/16/2019	1042	0.00	0.00	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-19-5	10/16/2019	1408	0.00	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-19-5-Dup	10/16/2019	1408	NM	NM	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-19-5	11/20/2019	1102	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-19-5	12/12/2019	0937	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-29-10	1/16/2019	0839	-0.72	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-29-10	2/13/2019	0933	-0.36	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-29-10	3/20/2019	0946	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-29-10-Dup	3/20/2019	0946	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-29-10	4/22/2019	0936	-0.02	-0.32	0.0	0	0.0	20.8	1.4	0.0	0.0	0.0	
VMP-29-10	5/20/2019	0906	-0.38	0.00	0.0	0	0.2	20.3	0.2	0.0	0.0	0.0	
VMP-29-10	6/19/2019	1322	-0.51	0.00	0.0	0	0.6	19.9	0.3	0.0	0.0	0.0	
VMP-29-10	7/17/2019	1131	-0.21	0.00	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-29-10	8/21/2019	0907	0.00	0.00	0.0	0	1.2	19.8	0.2	0.0	0.0	0.0	
VMP-29-10	9/16/2019	0936	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-29-10	10/16/2019	1233	-0.10	0.00	0.0	0	0.9	20.2	0.3	0.0	0.0	0.0	
VMP-29-10	11/20/2019	0932	0.00	-0.10	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-10	12/11/2019	1003	-0.30	-0.36	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-29-18	1/16/2019	0849	-0.42	0.21	0.0	0	0.2	20.8	0.4	0.0	0.0	0.0	
VMP-29-18	2/13/2019	0934	-0.26	-0.11	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-29-18	3/20/2019	0947	0.00	0.00	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-29-18	4/22/2019	0937	-0.02	-0.15	0.0	0	0.1	20.7	2.4	1.7	0.0	1.7	
VMP-29-18	5/20/2019	0907	0.00	0.00	0.0	0	0.1	20.1	2.2	7.8	3.5	4.3	
VMP-29-18	6/19/2019	1325	0.00	-0.09	0.0	0	0.4	19.8	1.4	1.0	0.0	1.0	
VMP-29-18	7/17/2019	1132	0.00	0.00	0.0	0	0.0	20.9	2.1	3.7	0.0	3.7	
VMP-29-18	8/21/2019	0908	0.00	0.00	0.0	0	1.2	19.8	0.8	0.8	0.0	0.8	
VMP-29-18	9/16/2019	0938	0.00	0.00	0.0	0	0.8	20.2	2.4	4.6	0.0	4.6	
VMP-29-18	10/16/2019	1234	-0.10	0.00	0.0	0	1.1	20.1	1.4	0.5	0.0	0.5	
VMP-29-18	11/20/2019	0933	0.00	0.00	0.0	0	0.8	20.3	0.2	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-18	12/11/2019	1004	-0.20	-0.23	0.0	0	0.7	20.5	0.1	0.0	0.0	0.0	
VMP-29-26	1/16/2019	0849	-0.32	0.15	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-29-26	2/13/2019	0935	-0.23	-0.10	0.0	0	0.3	20.8	0.4	0.0	0.0	0.0	
VMP-29-26	3/20/2019	0948	-0.09	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-29-26	4/22/2019	0938	-0.20	-0.15	0.0	0	0.2	20.7	1.2	0.0	0.0	0.0	
VMP-29-26	5/20/2019	0908	0.00	0.00	0.0	0	0.3	20.2	0.3	0.0	0.0	0.0	
VMP-29-26	6/19/2019	1329	0.00	0.19	0.0	0	0.4	19.3	0.3	0.0	0.0	0.0	
VMP-29-26	7/17/2019	1133	0.00	0.00	0.0	0	0.6	19.8	4.1	211	206	5.0	Re-sampled due to elevated concentrations.
VMP-29-26	7/18/2019	1308	0.00	NM	0.0	0	0.7	19.7	0.5	0.0	0.0	0.0	Re-sample.
VMP-29-26	8/21/2019	0909	0.00	0.00	0.0	0	1.2	19.2	0.3	0.0	0.0	0.0	
VMP-29-26	9/16/2019	0940	0.00	0.00	0.0	0	1.3	19.6	1.2	1.8	0.0	1.8	
VMP-29-26	10/16/2019	1235	-0.10	-0.10	0.0	0	1.6	19.5	0.6	0.0	0.0	0.0	
VMP-29-26	11/20/2019	0934	0.00	0.00	0.0	0	1.3	19.9	0.3	8.2	8.2	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-29-26	12/11/2019	1005	-0.21	-0.11	0.0	0	1.3	20.0	0.0	0.0	0.0	0.0	
VMP-29-40	1/16/2019	0850	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/13/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/20/2019	0949	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/22/2019	0939	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2019	0909	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/19/2019	1330	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/17/2019	1134	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/21/2019	0910	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/16/2019	0941	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/16/2019	1236	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/20/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/11/2019	1006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-30-10	1/16/2019	0907	-0.30	-0.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-10	2/13/2019	0950	-0.27	-0.15	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-30-10	3/20/2019	0921	-0.15	-0.13	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-30-10	4/22/2019	0916	-0.03	-0.18	0.0	0	0.0	20.9	1.1	0.0	0.0	0.0	
VMP-30-10	5/20/2019	0852	-0.12	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-30-10	6/19/2019	0939	0.00	-0.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10	7/17/2019	1115	-0.11	0.00	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-30-10	8/21/2019	0932	0.00	-0.12	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-30-10	9/16/2019	0922	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-10	10/16/2019	1215	-0.10	-0.10	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-30-10	11/20/2019	0916	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-10	12/11/2019	0942	-0.19	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	1/16/2019	0910	-0.48	-0.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	2/13/2019	0951	-0.44	-0.30	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-30-18	3/20/2019	0922	-0.28	-0.26	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	4/22/2019	0917	-0.06	-0.32	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-30-18	5/20/2019	0853	-0.26	-0.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	6/19/2019	0946	0.00	-0.14	0.0	0	0.0	20.6	0.4	0.0	0.0	0.0	
VMP-30-18	7/17/2019	1116	-0.19	-0.14	0.0	0	0.0	20.9	1.0	0.6	0.0	0.6	
VMP-30-18-Dup	7/17/2019	1116	NM	NM	0.0	0	0.1	20.7	1.0	0.0	0.0	0.0	Duplicate sample.
VMP-30-18	8/21/2019	0933	-0.14	-0.23	0.0	0	0.3	20.3	0.5	0.0	0.0	0.0	
VMP-30-18	9/16/2019	0924	0.00	-0.10	0.0	0	0.0	20.9	0.7	1.4	0.0	1.4	
VMP-30-18	10/16/2019	1215	-0.19	-0.17	0.0	0	0.3	20.8	0.3	0.5	0.0	0.5	
VMP-30-18	11/20/2019	0917	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-18	12/11/2019	0943	-0.32	-0.23	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-30-26	1/16/2019	0916	-0.41	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-30-26	2/13/2019	0952	-0.45	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-30-26	3/20/2019	0923	-0.31	-0.27	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-26	4/22/2019	0918	-0.07	-0.35	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-30-26	5/20/2019	0854	-0.28	-0.18	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-30-26	6/19/2019	0942	0.00	-0.15	0.0	0	0.1	20.5	0.1	0.0	0.0	0.0	
VMP-30-26	7/17/2019	1117	-0.20	-0.13	0.0	0	0.1	20.6	1.4	1.5	0.0	1.5	
VMP-30-26	8/21/2019	0934	-0.14	-0.22	0.0	0	0.2	20.5	0.4	1.0	0.0	1.0	
VMP-30-26	9/16/2019	0926	0.00	-0.10	0.0	0	0.4	20.4	0.2	0.8	0.0	0.8	
VMP-30-26-Dup	9/16/2019	0926	NM	NM	0.0	0	0.3	20.5	0.2	1.0	0.0	1.0	Duplicate sample.
VMP-30-26	10/16/2019	1217	-0.18	-0.20	0.0	0	0.3	20.7	0.5	1.0	0.3	0.7	
VMP-30-26	11/20/2019	0918	0.23	0.22	0.0	0	0.6	20.4	0.3	4.0	3.6	0.4	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-30-26	12/11/2019	0944	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-30-40	1/16/2019	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/13/2019	0953	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/20/2019	0924	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/22/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/20/2019	0855	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/19/2019	0943	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/17/2019	1118	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/21/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/16/2019	0927	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/16/2019	1218	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/20/2019	0919	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/11/2019	0945	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-32-5	1/17/2019	1128	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-32-5	2/14/2019	1030	-0.19	-0.12	0.0	0	0.2	20.7	1.6	9.9	0.0	9.9	Re-sampled due to elevated THC.
VMP-32-5	2/14/2019	1302	-0.38	NM	0.0	0	0.2	20.4	0.9	9.6	0.0	9.6	Re-sample.
VMP-32-5	3/21/2019	1019	-0.19	-0.12	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	4/23/2019	1105	-0.18	-0.13	0.0	0	0.9	20.1	0.6	0.0	0.0	0.0	
VMP-32-5	5/20/2019	0932	-0.22	-0.17	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-32-5	6/20/2019	0801	0.00	-0.16	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-32-5	7/18/2019	0946	0.00	0.00	0.0	0	2.3	18.9	0.1	0.0	0.0	0.0	
VMP-32-5	8/22/2019	0857	-0.18	-0.15	0.0	0	2.8	18.3	0.0	0.0	0.0	0.0	
VMP-32-5	9/17/2019	1015	-0.10	0.00	0.0	0	2.0	19.1	0.0	0.0	0.0	0.0	
VMP-32-5	10/17/2019	1213	0.00	0.00	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-32-5	11/21/2019	1030	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-32-5	12/12/2019	1028	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-32-10	1/17/2019	1129	-0.32	-0.30	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-32-10	2/14/2019	1032	0.00	-0.45	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-32-10	3/21/2019	1020	-0.19	-0.12	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-32-10	4/23/2019	1107	-0.27	-0.21	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-32-10	5/21/2019	0933	-0.27	-0.23	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-32-10	6/20/2019	0802	-0.19	-0.23	0.0	0	1.7	19.1	0.0	0.0	0.0	0.0	
VMP-32-10-Dup	6/20/2019	0802	NM	NM	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-10	7/18/2019	0948	0.00	-0.10	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-32-10	8/22/2019	0858	-0.22	-0.21	0.0	0	3.0	18.0	0.1	0.0	0.0	0.0	
VMP-32-10	9/17/2019	1017	-0.16	-0.13	0.0	0	2.6	18.6	0.1	0.0	0.0	0.0	
VMP-32-10	10/17/2019	1214	0.00	0.00	0.0	0	2.7	18.7	0.0	0.0	0.0	0.0	
VMP-32-10	11/21/2019	1032	-0.12	-0.10	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-32-10	12/12/2019	1039	-0.20	0.00	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-32-20	1/17/2019	1130	-0.16	-0.16	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-32-20	2/14/2019	1034	-0.24	-0.10	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-32-20	3/21/2019	1021	-0.19	-0.13	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-32-20	4/23/2019	1109	-0.34	-0.30	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-32-20	5/21/2019	0934	-0.46	-0.43	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-32-20	6/20/2019	0803	-0.39	-0.35	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-32-20	7/18/2019	0950	-0.11	-0.17	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-32-20	8/22/2019	0859	-0.19	-0.30	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-32-20	9/17/2019	1019	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	10/17/2019	1215	0.00	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-32-20	11/21/2019	1034	0.00	0.25	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-32-20	12/12/2019	1041	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-30	1/17/2019	1131	-0.15	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-32-30	2/14/2019	1036	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-32-30	3/21/2019	1022	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-32-30	4/23/2019	1111	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-32-30	5/21/2019	0935	-0.19	-0.20	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-32-30	6/20/2019	0804	-0.13	-0.15	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-32-30	7/18/2019	0952	0.00	-0.26	0.0	0	1.8	19.0	0.0	0.0	0.0	0.0	
VMP-32-30	8/22/2019	0900	-0.64	-0.24	0.0	0	2.7	18.3	0.1	0.0	0.0	0.0	
VMP-32-30	9/17/2019	1021	-0.24	0.00	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	
VMP-32-30-Dup	9/17/2019	1021	NM	NM	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	10/17/2019	1216	0.00	-0.77	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-32-30	11/21/2019	1036	0.16	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-32-30	12/12/2019	1041	0.14	0.00	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-33-10	1/16/2019	1135	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-33-10	2/13/2019	1024	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-33-10	3/20/2019	1128	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-33-10	4/22/2019	1127	-0.10	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-33-10	5/20/2019	1028	-0.38	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-33-10-Dup	5/20/2019	1028	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	6/19/2019	1009	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-33-10	7/17/2019	1054	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-33-10	8/21/2019	1046	0.00	-0.14	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-33-10	9/16/2019	1137	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-33-10	10/16/2019	1154	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-33-10	11/20/2019	1111	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-10	12/11/2019	1124	0.00	0.00	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-33-20	1/16/2019	1136	0.00	0.00	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-33-20	2/13/2019	1026	-0.12	-0.09	0.0	0	0.4	20.6	0.6	3.1	0.0	3.1	
VMP-33-20	3/20/2019	1130	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-33-20	4/22/2019	1129	-0.12	0.00	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-33-20	5/20/2019	1030	-0.54	-0.11	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-33-20	6/19/2019	1010	0.00	0.00	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-33-20	7/17/2019	1056	0.00	0.00	0.0	0	0.3	20.4	0.1	0.0	0.0	0.0	
VMP-33-20	8/21/2019	1047	0.00	-0.13	0.0	0	0.4	19.9	0.0	0.0	0.0	0.0	
VMP-33-20	9/16/2019	1138	0.00	0.00	0.0	0	0.5	20.1	0.1	0.0	0.0	0.0	
VMP-33-20	10/16/2019	1155	-0.12	0.00	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	
VMP-33-20	11/20/2019	1112	0.00	0.00	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-20	12/11/2019	1125	-0.09	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-33-30	1/16/2019	1137	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-33-30	2/13/2019	1028	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-30-Dup	2/13/2019	1028	NM	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-33-30	3/20/2019	1132	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-33-30	4/22/2019	1131	0.00	0.00	0.0	0	0.1	20.7	0.5	0.0	0.0	0.0	
VMP-33-30	5/20/2019	1032	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-33-30	6/19/2019	1011	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-33-30	7/17/2019	1058	0.00	0.00	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-33-30-Dup	7/17/2019	1058	NM	NM	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-33-30	8/21/2019	1048	0.00	-0.13	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-33-30	9/16/2019	1139	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-30	10/16/2019	1156	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-30	11/20/2019	1113	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-33-30	12/11/2019	1126	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-34-10	1/16/2019	1111	-1.18	-0.87	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-34-10	2/13/2019	1002	-1.03	-1.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-34-10	3/20/2019	1052	-0.34	-0.37	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-34-10	4/22/2019	1103	-0.46	-0.38	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-34-10	5/20/2019	1010	-0.87	-0.85	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-34-10	6/19/2019	1029	-0.34	-0.37	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-34-10	7/17/2019	1030	-0.59	-0.50	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-34-10	8/21/2019	1025	-0.77	-0.84	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-34-10	9/16/2019	1110	-0.40	-0.27	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	
VMP-34-10	10/16/2019	1116	-0.66	-0.58	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-34-10	11/20/2019	1055	0.00	0.00	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-10	12/11/2019	1059	-0.73	-0.52	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-34-20	1/16/2019	1112	-1.56	-1.17	0.0	0	1.6	20.0	0.2	0.0	0.0	0.0	
VMP-34-20	2/13/2019	1004	-1.43	-1.41	0.0	0	1.7	19.7	0.2	0.0	0.0	0.0	
VMP-34-20	3/20/2019	1054	-0.49	-0.58	0.0	0	1.6	20.0	0.3	0.0	0.0	0.0	
VMP-34-20	4/22/2019	1105	-0.72	-0.61	0.0	0	1.4	19.9	0.3	0.0	0.0	0.0	
VMP-34-20	5/20/2019	1012	-1.49	-1.50	0.0	0	1.3	20.1	0.2	0.0	0.0	0.0	
VMP-34-20	6/19/2019	1030	-0.54	-0.58	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-34-20	7/17/2019	1032	-1.08	-0.84	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-34-20	8/21/2019	1026	-0.87	-1.18	0.0	0	2.1	18.6	0.0	0.0	0.0	0.0	
VMP-34-20-Dup	8/21/2019	1026	NM	NM	0.0	0	2.1	18.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	9/16/2019	1111	-0.64	-0.44	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-34-20	10/16/2019	1117	-1.04	-0.94	0.0	0	2.7	18.3	0.0	0.0	0.0	0.0	
VMP-34-20	11/20/2019	1056	0.00	0.00	0.0	0	2.8	18.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-20	12/11/2019	1100	-1.22	-0.90	0.0	0	2.2	19.5	0.0	0.0	0.0	0.0	
VMP-34-30	1/16/2019	1113	-1.68	-1.28	0.0	0	3.0	18.9	0.2	0.0	0.0	0.0	
VMP-34-30	2/13/2019	1006	-1.56	-1.48	0.0	0	3.0	19.0	0.2	0.0	0.0	0.0	
VMP-34-30	3/20/2019	1056	-0.56	-0.64	0.0	0	3.0	19.2	0.4	0.0	0.0	0.0	
VMP-34-30	4/22/2019	1107	-0.84	-0.70	0.0	0	2.7	19.2	0.2	0.0	0.0	0.0	
VMP-34-30	5/20/2019	1014	-1.67	-1.67	0.0	0	2.4	19.7	0.3	0.0	0.0	0.0	
VMP-34-30	6/19/2019	1031	-0.61	-0.73	0.0	0	2.3	19.3	0.0	0.0	0.0	0.0	
VMP-34-30	7/17/2019	1034	-1.11	-0.96	0.0	0	2.3	19.3	0.0	0.0	0.0	0.0	
VMP-34-30	8/21/2019	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-34-30	9/16/2019	1112	-0.67	-0.50	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-34-30	10/16/2019	1118	-1.14	-1.02	0.0	0	2.8	18.3	0.0	0.0	0.0	0.0	
VMP-34-30	11/20/2019	1057	0.00	0.00	0.0	0	3.2	18.1	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-34-30	12/11/2019	1101	-1.34	-1.01	0.0	0	2.9	18.8	0.0	0.0	0.0	0.0	
VMP-35-10	1/16/2019	1047	0.00	-1.91	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	2/13/2019	1051	-1.05	-1.74	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	3/20/2019	1036	-1.41	-1.44	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	4/22/2019	1047	-1.77	-1.72	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	5/20/2019	0942	-2.46	-0.30	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	6/19/2019	1042	-1.22	-1.70	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	7/17/2019	1018	-1.74	-1.63	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/21/2019	1014	-0.27	-1.59	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	9/16/2019	1052	-1.20	-1.42	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	10/16/2019	1100	-1.52	-1.34	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	11/20/2019	1039	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-10	12/11/2019	1044	-1.90	-1.66	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-35-20	1/16/2019	1048	-0.88	-0.76	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	2/13/2019	0932	-0.84	-0.79	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	3/20/2019	1038	-0.66	-0.63	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	4/22/2019	1049	-0.78	-0.73	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-35-20	5/20/2019	0944	-1.16	-1.01	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	6/19/2019	1043	-0.78	-0.59	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	7/17/2019	1020	-0.75	-0.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	8/21/2019	1015	-0.27	-1.59	0.0	0	0.0	20.9	-1.00	0.0	0.0	0.0	
VMP-35-20	9/16/2019	1053	-0.56	-0.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	10/16/2019	1101	-0.62	-0.66	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	11/20/2019	1040	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-20	12/11/2019	1045	-0.82	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20-Dup	12/11/2019	1045	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	1/16/2019	1049	-0.50	-0.42	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	2/13/2019	0938	-0.44	-0.42	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-30	3/20/2019	1040	-0.37	-0.39	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-35-30	4/22/2019	1051	-0.40	-0.46	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-30	5/20/2019	0946	-0.63	-0.60	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	6/19/2019	1044	-0.42	-0.43	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	7/17/2019	1022	-0.46	-0.40	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	8/21/2019	1016	-0.46	-0.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	9/16/2019	1054	-0.37	-0.39	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30	10/16/2019	1102	-0.43	-0.39	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-30-Dup	10/16/2019	1102	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	11/20/2019	1041	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-35-30	12/11/2019	1046	-0.58	-0.53	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	1/16/2019	1028	0.00	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-36-10	2/13/2019	0920	0.00	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-36-10	3/20/2019	1020	-0.12	0.00	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-36-10-Dup	3/20/2019	1020	NM	NM	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-36-10	4/22/2019	1014	0.00	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-36-10	5/20/2019	0933	-0.24	-0.15	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	6/19/2019	1109	-0.25	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	7/17/2019	1008	-0.24	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	8/21/2019	0944	-0.19	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	9/16/2019	1018	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	10/16/2019	1032	-0.23	-0.20	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	11/20/2019	1016	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-10	12/11/2019	1012	-0.52	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-36-20	1/16/2019	1029	-0.92	-0.87	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20-Dup	1/16/2019	1029	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-36-20	2/13/2019	0925	-0.65	-0.53	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	3/20/2019	1024	-0.50	-0.49	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	4/22/2019	1016	-0.55	-0.49	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-36-20	5/20/2019	0935	-0.72	-0.65	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	6/19/2019	1110	-0.48	-0.49	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	7/17/2019	1010	-0.52	-0.43	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	8/21/2019	0945	-0.60	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	9/16/2019	1018	-0.11	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	10/16/2019	1033	-0.49	-0.47	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	11/20/2019	1017	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-20	12/11/2019	1013	-0.95	-0.80	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	1/16/2019	1030	-0.27	-0.09	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	2/13/2019	0930	-0.39	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	3/20/2019	1026	-0.47	-0.36	0.0	0	0.0	20.9	0.4	0.8	0.0	0.8	
VMP-36-30	4/22/2019	1018	-0.57	-0.54	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-30	5/20/2019	0937	-0.49	-0.40	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	6/19/2019	1111	-0.51	-0.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	7/17/2019	1012	-0.54	-0.45	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	8/21/2019	0946	-0.57	-0.53	0.0	0	0.0	20.9	0.0	0.7	0.7	0.0	
VMP-36-30-Dup	8/21/2019	0946	NM	NM	0.0	0	0.0	20.9	0.0	0.5	0.5	0.0	Duplicate sample.
VMP-36-30	9/16/2019	1020	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	10/16/2019	1034	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	11/20/2019	1018	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-36-30	12/11/2019	1014	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-37-10	1/16/2019	0941	-1.67	-1.52	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	2/13/2019	0905	-1.17	-1.08	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-37-10	3/20/2019	0950	-0.87	-0.76	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	4/22/2019	0954	-0.94	-0.89	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-37-10	5/20/2019	0926	-1.17	-1.06	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-37-10	6/19/2019	1118	-0.77	-0.82	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-37-10	7/17/2019	0946	-0.78	-0.87	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-37-10	8/21/2019	0936	-0.82	-0.78	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-37-10	9/16/2019	1006	-0.65	-0.60	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-37-10	10/16/2019	1021	-0.76	-0.90	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-37-10	11/20/2019	1006	0.00	0.00	0.0	0	0.6	18.4	0.1	1.9	1.9	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-10	12/11/2019	0959	-0.50	-0.77	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-37-20	1/16/2019	0942	-3.53	-3.38	0.0	1	3.0	17.4	1.5	14.7	5.6	9.1	
VMP-37-20	2/13/2019	0910	-2.85	-2.72	0.0	0	4.8	15.2	2.3	14.6	6.5	8.1	
VMP-37-20	3/20/2019	0952	-2.25	-2.38	0.1	3	3.4	16.6	20.7	134	8.9	125.0	
VMP-37-20	4/22/2019	0956	-2.69	-3.43	0.5	11	3.3	16.1	100.0	684	12.7	671	
VMP-37-20-Dup	4/22/2019	0956	NM	NM	0.3	6	2.8	16.9	100.0	437	10.6	426	Duplicate sample.
VMP-37-20	5/20/2019	0926	-3.14	-2.95	0.2	4	4.3	15.3	38.9	262	10.4	252	
VMP-37-20	6/19/2019	1119	-2.25	-2.35	0.2	5	5.9	12.6	37.1	325	26.8	298	
VMP-37-20	7/17/2019	0948	-2.44	-2.55	0.6	13	5.7	13.5	156	752	20.5	732	
VMP-37-20	8/21/2019	0937	-2.47	-2.46	1.8	35	7.1	12.2	292	1386	32.7	1353	
VMP-37-20	9/16/2019	1007	-2.21	-2.14	1.7	35	7.2	12.2	348	1512	26.9	1485	
VMP-37-20	10/16/2019	1022	-2.42	-2.37	1.4	29	6.5	13.1	353	1586	32.2	1554	
VMP-37-20	11/20/2019	1007	0.00	0.00	0.1	2	11.2	6.3	29.7	126	19.0	107	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-20	12/11/2019	1000	-1.57	-2.68	0.2	5	5.1	14.5	85.1	249	12.5	237	
VMP-37-30	1/16/2019	0943	-4.19	-4.05	0.0	0	3.3	17.0	1.2	0.0	0.0	0.0	
VMP-37-30	2/13/2019	0915	-3.55	-3.44	0.0	0	4.5	15.2	0.1	0.0	0.0	0.0	
VMP-37-30	3/20/2019	0954	-3.01	-2.90	0.0	0	2.8	18.2	0.2	0.0	0.0	0.0	
VMP-37-30	4/22/2019	0958	-3.49	-2.64	0.0	0	2.7	17.5	0.4	0.0	0.0	0.0	
VMP-37-30	5/20/2019	0928	-3.98	-3.73	0.0	0	2.9	17.4	0.0	0.0	0.0	0.0	
VMP-37-30	6/19/2019	1120	-2.89	-2.95	0.0	0	2.0	18.7	0.0	0.0	0.0	0.0	
VMP-37-30	7/17/2019	0950	-3.15	-3.25	0.0	0	1.5	19.4	0.1	0.0	0.0	0.0	
VMP-37-30	8/21/2019	0938	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-37-30	9/16/2019	1008	-2.62	-2.84	0.0	0	1.9	19.1	0.1	0.0	0.0	0.0	
VMP-37-30	10/16/2019	1023	-3.08	-3.05	0.0	0	2.2	18.9	0.1	1.5	1.5	0.0	
VMP-37-30	11/20/2019	1008	-0.18	-0.13	0.0	0	2.5	18.1	0.0	7.5	7.5	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-30-Dup	11/20/2019	1008	NM	NM	0.0	0	2.6	18.0	0.0	7.9	7.9	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-37-30	12/11/2019	1001	-2.21	-3.64	0.0	0	2.4	18.2	0.1	0.0	0.0	0.0	
VMP-38-10	1/16/2019	0929	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	2/13/2019	0854	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	3/20/2019	0938	0.00	0.00	0.0	0	0.5	20.0	0.4	0.0	0.0	0.0	
VMP-38-10	4/22/2019	0939	0.19	0.00	0.0	0	0.6	19.3	0.3	0.0	0.0	0.0	
VMP-38-10	5/20/2019	0912	-0.19	-0.15	0.0	0	1.3	19.4	0.2	0.0	0.0	0.0	
VMP-38-10	6/19/2019	1128	-0.23	-0.26	0.0	0	1.6	18.9	0.0	0.0	0.0	0.0	
VMP-38-10	7/17/2019	0938	-0.26	-0.31	0.0	0	2.2	18.1	0.0	0.0	0.0	0.0	
VMP-38-10	8/21/2019	0925	-0.21	-0.23	0.0	0	1.6	18.9	0.0	0.0	0.0	0.0	
VMP-38-10	9/16/2019	0955	-0.12	-0.11	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-38-10	10/16/2019	1008	-0.33	-0.30	0.0	0	1.4	19.3	0.0	0.0	0.0	0.0	
VMP-38-10	11/20/2019	0951	0.00	0.00	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-10	12/11/2019	0946	-0.10	-0.17	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-38-20	1/16/2019	0930	-0.64	-0.57	0.0	0	2.4	18.9	0.1	0.0	0.0	0.0	
VMP-38-20	2/13/2019	0855	-1.07	-0.63	0.0	0	1.1	19.9	0.5	0.0	0.0	0.0	
VMP-38-20	3/20/2019	0940	0.33	0.00	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-38-20	4/22/2019	0941	-0.56	-0.29	0.0	0	0.6	20.0	0.3	0.0	0.0	0.0	
VMP-38-20	5/20/2019	0914	-0.69	-0.45	0.0	0	0.6	20.1	0.5	0.0	0.0	0.0	
VMP-38-20	6/19/2019	1129	-1.00	-0.77	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-38-20	7/17/2019	0940	-0.77	-0.80	0.0	0	0.6	20.2	0.1	0.0	0.0	0.0	
VMP-38-20	8/21/2019	0926	-0.45	-0.77	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-38-20	9/16/2019	0956	-0.65	-0.57	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-38-20	10/16/2019	1009	-0.86	-0.85	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-38-20	11/20/2019	0952	0.00	0.00	0.0	0	1.2	19.3	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-20	12/11/2019	0947	-0.44	-0.62	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-38-27	1/16/2019	0931	-0.64	-0.56	0.0	0	2.5	18.9	0.3	0.0	0.0	0.0	
VMP-38-27	2/13/2019	0900	-1.07	-1.00	0.0	0	1.1	20.3	0.0	0.0	0.0	0.0	
VMP-38-27	3/20/2019	0942	-0.20	-0.14	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-38-27	4/22/2019	0943	-0.37	-0.23	0.0	0	0.3	20.3	0.5	0.0	0.0	0.0	
VMP-38-27	5/20/2019	0916	-0.47	-0.44	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-38-27	6/19/2019	1130	-0.70	-0.95	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-38-27-Dup	6/19/2019	1130	NM	NM	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-38-27	7/17/2019	0942	-0.78	-0.80	0.0	0	0.6	20.2	0.1	0.0	0.0	0.0	
VMP-38-27	8/21/2019	0927	-0.76	-0.77	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-38-27	9/16/2019	0957	-0.70	-0.59	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-38-27	10/16/2019	1010	-0.85	-0.85	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-38-27	11/20/2019	0953	0.00	0.00	0.0	0	1.2	19.2	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-38-27	12/11/2019	0948	-0.43	-0.62	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-39-10	1/16/2019	0911	-0.55	-0.53	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-39-10	2/13/2019	0843	-7.74	-1.66	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-10-Dup	2/13/2019	0843	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-39-10	3/20/2019	0924	-0.51	-0.45	0.0	0	0.0	20.8	0.4	0.0	0.0	0.0	
VMP-39-10	4/22/2019	0923	-0.46	-0.48	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-10	5/20/2019	0902	-0.42	-0.54	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	6/19/2019	1140	-1.35	-1.45	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-10	7/17/2019	0926	-1.28	-1.24	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	8/21/2019	0916	-1.22	-1.23	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	9/16/2019	0943	-0.98	-1.02	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	10/16/2019	0954	-1.26	-1.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-10	11/20/2019	0939	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-10	12/11/2019	0934	-0.50	-1.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-39-20	1/16/2019	0912	-0.20	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-39-20	2/13/2019	0848	-0.73	-0.75	0.0	0	0.0	20.8	0.5	0.0	0.0	0.0	
VMP-39-20	3/20/2019	0926	-0.15	-0.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-20	4/22/2019	0925	-0.19	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-20	5/20/2019	0904	-0.18	-0.23	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-20	6/19/2019	1141	-0.73	-0.74	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	7/17/2019	0928	-0.66	-0.63	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20-Dup	7/17/2019	0928	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-39-20	8/21/2019	0917	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-39-20	9/16/2019	0944	-0.48	-0.47	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-20	10/16/2019	0955	-0.64	-0.64	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-20	11/20/2019	0940	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-20	12/11/2019	0935	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge.
VMP-39-30	1/16/2019	0913	-0.22	-0.19	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-39-30	2/13/2019	0853	-0.68	-0.71	0.0	0	0.0	20.8	0.1	0.0	0.0	0.0	
VMP-39-30	3/20/2019	0928	-0.20	-0.14	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-30	4/22/2019	0927	-0.19	-0.11	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-39-30	5/20/2019	0906	-0.12	-0.14	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-30	6/19/2019	1142	-0.59	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	7/17/2019	0930	-0.54	-0.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	8/21/2019	0918	-0.47	-0.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	9/16/2019	0945	-0.35	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	10/16/2019	0956	-0.50	-0.50	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	11/20/2019	0941	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-39-30	12/11/2019	0935	0.00	-0.43	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	1/16/2019	0851	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	2/13/2019	1058	-0.25	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-10	3/20/2019	0910	-0.13	0.00	0.0	0	0.0	20.9	0.5	0.6	0.6	0.0	
VMP-40-10	4/22/2019	0913	0.00	0.00	0.0	0	0.0	20.9	0.6	1.3	1.3	0.0	
VMP-40-10	5/20/2019	0855	0.00	0.00	0.0	0	0.0	20.9	0.0	0.9	0.9	0.0	
VMP-40-10	6/19/2019	1151	0.00	0.00	0.0	0	0.0	20.7	0.1	0.1	0.1	0.0	
VMP-40-10	7/17/2019	0915	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	8/21/2019	0903	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10-Dup	8/21/2019	0903	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-40-10	9/16/2019	0929	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	10/16/2019	0942	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	11/20/2019	0926	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-10	12/11/2019	0915	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-40-20	1/16/2019	0852	-1.69	-1.62	0.0	0	8.5	11.1	0.3	0.0	0.0	0.0	
VMP-40-20-Dup	1/16/2019	0852	NM	NM	0.0	0	9.2	10.3	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-40-20	2/13/2019	1100	-1.95	-2.17	5.7	OVR	13.9	1.3	47.5	29130	25720	3410	
VMP-40-20	3/20/2019	0912	-1.76	-1.55	50.3	OVR	12.4	2.2	75.9	161000	126000	35000	
VMP-40-20	4/22/2019	0915	-1.30	-1.35	39.3	OVR	11.7	1.6	147	102000	75440	26560	
VMP-40-20-Dup	4/22/2019	0915	NM	NM	42.6	OVR	12.1	1.1	147	105000	75690	29310	Duplicate sample.
VMP-40-20	5/20/2019	0857	-0.83	-1.52	63.7	OVR	12.7	0.6	85.7	186000	141000	45000	
VMP-40-20	6/19/2019	1152	-1.34	-1.35	0.2	4	14.2	2.4	14.2	1510	1270	240	
VMP-40-20	7/17/2019	0917	-1.40	-1.35	0.0	0	8.1	10.2	0.1	0.0	0.0	0.0	
VMP-40-20	8/21/2019	0904	-1.19	-1.24	0.0	0	7.7	10.7	0.0	0.0	0.0	0.0	
VMP-40-20	9/16/2019	0930	-1.14	-0.95	0.0	1	11.0	6.0	5.3	427	371	56.0	
VMP-40-20-Dup	9/16/2019	0930	NM	NM	0.1	2	10.0	7.2	5.3	965	876	89.0	Duplicate sample.
VMP-40-20	10/16/2019	0943	-1.15	-1.20	0.0	0	9.5	8.9	0.7	32.0	25.0	7.0	
VMP-40-20-Dup	10/16/2019	0943	NM	NM	0.0	0	9.4	9.0	0.7	47.0	38.0	9.0	Duplicate sample.
VMP-40-20	11/20/2019	0927	-0.11	0.00	0.0	0	7.8	11.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-20	12/11/2019	0916	-1.08	-1.53	0.0	0	5.1	14.6	0.0	0.0	0.0	0.0	
VMP-40-30	1/16/2019	0853	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-40-30	2/13/2019	1102	0.58	-0.13	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	3/20/2019	0914	-0.15	-0.13	0.0	0	0.0	20.9	0.4	0.5	0.0	0.5	
VMP-40-30	4/22/2019	0917	0.00	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-40-30	5/20/2019	089	0.00	-0.09	0.0	0	0.0	20.9	0.1	1.0	1.0	1.0	
VMP-40-30	6/19/2019	1153	-0.12	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	7/17/2019	0919	-0.14	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	8/21/2019	0905	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	9/16/2019	0931	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	10/16/2019	0944	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	11/20/2019	0928	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-40-30	12/11/2019	0917	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30-Dup	12/11/2019	0917	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-10	1/16/2019	0801	-0.10	0.00	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	2/13/2019	0901	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-41-10	3/20/2019	1030	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	4/22/2019	1023	0.00	0.00	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-41-10	5/20/2019	1005	0.00	0.00	0.0	0	0.7	19.9	0.4	0.0	0.0	0.0	
VMP-41-10	6/19/2019	1248	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-41-10	7/17/2019	0938	0.00	0.00	0.0	0	1.6	19.7	0.1	0.0	0.0	0.0	
VMP-41-10	8/21/2019	0833	0.00	0.00	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-41-10	9/16/2019	1002	0.00	0.00	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-41-10	10/16/2019	1304	0.00	0.00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-41-10	11/20/2019	0957	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-10	12/11/2019	1035	0.00	0.00	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-41-20	1/16/2019	0802	-0.12	0.34	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-41-20	2/13/2019	0902	0.00	0.00	0.0	0	0.3	20.8	0.1	0.0	0.0	0.0	
VMP-41-20	3/20/2019	1031	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-41-20	4/22/2019	1024	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-41-20	5/20/2019	1006	0.00	0.00	0.0	0	0.4	20.1	0.2	0.0	0.0	0.0	
VMP-41-20	6/19/2019	1249	0.00	0.00	0.0	0	0.8	19.5	0.0	0.0	0.0	0.0	
VMP-41-20	7/17/2019	0939	0.00	0.00	0.0	0	1.3	19.6	0.1	0.0	0.0	0.0	
VMP-41-20-Dup	7/17/2019	0939	NM	NM	0.0	0	1.3	19.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-41-20	8/21/2019	0834	0.00	0.00	0.0	0	1.5	19.4	0.0	0.0	0.0	0.0	
VMP-41-20	9/16/2019	1004	0.00	0.00	0.0	0	1.8	19.3	0.0	0.0	0.0	0.0	
VMP-41-20	10/16/2019	1305	0.00	0.00	0.0	0	2.0	19.4	0.0	0.0	0.0	0.0	
VMP-41-20	11/20/2019	0958	0.00	0.00	0.0	0	1.4	20.0	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-20	12/11/2019	1036	0.00	0.00	0.0	0	1.3	20.2	0.0	0.0	0.0	0.0	
VMP-41-26	1/16/2019	0803	-0.12	0.00	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-41-26-Dup	1/16/2019	0803	NM	NM	0.0	0	0.8	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	2/13/2019	0904	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-41-26-Dup	2/13/2019	0904	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	3/20/2019	1032	0.00	0.00	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-41-26	4/22/2019	1025	0.00	0.00	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-41-26	5/20/2019	1007	0.00	0.00	0.0	0	0.5	20.1	0.2	0.0	0.0	0.0	
VMP-41-26	6/19/2019	1250	0.00	0.00	0.0	0	0.6	19.7	0.0	0.0	0.0	0.0	
VMP-41-26	7/17/2019	0940	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	8/21/2019	0835	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	9/16/2019	1005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	10/16/2019	1306	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	11/20/2019	0959	0.00	0.00	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-41-26	12/11/2019	1037	0.00	0.00	0.0	0	1.4	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	1/17/2019	1120	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-42-10	2/14/2019	0904	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-42-10	3/21/2019	1040	-0.13	0.00	0.0	0	0.2	20.5	0.1	0.0	0.0	0.0	
VMP-42-10	4/23/2019	0942	0.00	-0.14	0.0	0	0.3	20.4	0.1	0.0	0.0	0.0	
VMP-42-10	5/20/2019	1530	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-42-10	6/20/2019	0942	0.00	0.00	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-42-10	7/18/2019	0822	0.00	0.00	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-42-10	8/22/2019	1014	0.00	0.00	0.0	0	2.0	18.9	0.0	0.0	0.0	0.0	
VMP-42-10	9/17/2019	0848	0.00	0.00	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-42-10	10/17/2019	1032	0.00	0.00	0.0	0	2.0	19.6	0.0	0.0	0.0	0.0	
VMP-42-10	11/21/2019	1036	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-42-10	12/11/2019	1441	0.00	0.00	0.0	0	0.7	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-42-20	1/17/2019	1121	-0.26	-0.11	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-42-20	2/14/2019	0906	-0.19	-0.23	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-42-20-Dup	2/14/2019	0906	NM	NM	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	3/21/2019	1042	-0.36	-0.32	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-42-20	4/23/2019	0944	-0.45	-0.40	0.0	0	0.6	20.0	0.1	0.0	0.0	0.0	
VMP-42-20-Dup	4/23/2019	0944	NM	NM	0.0	0	0.6	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	5/20/2019	1532	-0.28	-0.27	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	
VMP-42-20	6/20/2019	0943	-0.65	-0.34	0.0	0	1.8	18.7	0.0	0.0	0.0	0.0	
VMP-42-20	7/18/2019	0824	-0.19	-0.19	0.0	0	2.2	18.7	0.0	0.0	0.0	0.0	
VMP-42-20	8/22/2019	1016	-0.24	-0.24	0.0	0	3.1	18.1	0.0	0.0	0.0	0.0	
VMP-42-20	9/17/2019	0949	-0.15	-0.10	0.0	0	3.4	17.5	0.1	0.0	0.0	0.0	
VMP-42-20-Dup	9/17/2019	0949	NM	NM	0.0	0	3.4	17.4	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-42-20	10/17/2019	1033	-0.15	0.00	0.0	0	3.7	18.0	0.0	0.0	0.0	0.0	
VMP-42-20	11/21/2019	1027	-0.15	-0.12	0.0	0	2.7	19.1	0.0	0.0	0.0	0.0	
VMP-42-20	12/11/2019	1442	-0.24	-0.18	0.0	0	2.3	19.5	0.0	0.0	0.0	0.0	
VMP-42-30	1/17/2019	1122	-0.72	-0.60	0.0	0	1.3	20.1	0.1	0.0	0.0	0.0	
VMP-42-30	2/14/2019	0908	-0.44	-0.27	0.0	0	1.2	20.0	0.2	0.0	0.0	0.0	
VMP-42-30	3/21/2019	1044	-0.94	-0.88	0.0	0	1.0	20.1	0.2	0.0	0.0	0.0	
VMP-42-30	4/23/2019	0946	0.00	-1.02	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-42-30	5/20/2019	1534	-0.71	-0.79	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-42-30	6/20/2019	0944	-0.94	-0.79	0.0	0	1.1	19.1	0.0	0.0	0.0	0.0	
VMP-42-30	7/18/2019	0826	-0.46	-0.56	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	
VMP-42-30-Dup	7/18/2019	0826	NM	NM	0.0	0	1.5	18.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	8/22/2019	1018	-0.52	-0.53	0.0	0	2.4	18.2	0.2	0.0	0.0	0.0	
VMP-42-30	9/17/2019	0950	-0.35	-0.28	0.0	0	3.0	17.5	0.0	0.0	0.0	0.0	
VMP-42-30	10/17/2019	1034	-0.31	-0.19	0.0	0	3.6	17.5	0.0	0.0	0.0	0.0	
VMP-42-30	11/21/2019	1028	-0.33	-0.30	0.0	0	3.5	18.4	0.0	0.0	0.0	0.0	
VMP-42-30	12/11/2019	1443	-0.47	-0.42	0.0	0	2.3	19.7	0.0	0.0	0.0	0.0	
VMP-43-10	1/17/2019	1153	-4.62	-4.40	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-43-10	2/14/2019	1052	-3.91	-3.84	0.0	0	0.0	20.8	0.6	2.6	0.0	2.6	
VMP-43-10	3/21/2019	0959	-3.89	-3.82	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-43-10	4/23/2019	1043	-4.90	-4.75	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-43-10	5/21/2019	1003	-5.28	-5.05	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	6/20/2019	0842	-4.22	-4.30	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-43-10	7/18/2019	0922	-3.24	-3.16	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	8/22/2019	0922	-3.84	-3.80	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-43-10	9/17/2019	0947	-3.58	-3.56	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	10/17/2019	1151	-2.42	-2.41	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-43-10	11/21/2019	1014	-2.69	-2.71	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	12/12/2019	0958	-2.78	-2.43	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-43-20	1/17/2019	1154	-6.69	-6.10	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-43-20	2/14/2019	1054	-5.76	-5.71	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-20	3/21/2019	0958	-6.03	-5.95	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-43-20	4/23/2019	1045	-7.71	-7.64	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-43-20	5/21/2019	1004	-8.29	-8.27	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-43-20	6/20/2019	0843	-7.14	-7.27	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-43-20	7/18/2019	0924	-5.28	-5.36	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-43-20	8/22/2019	0923	-6.02	-5.98	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-43-20	9/17/2019	0949	-5.65	-6.05	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-43-20	10/17/2019	1152	-3.76	-3.80	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-43-20-Dup	10/17/2019	1152	NM	NM	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	11/21/2019	1016	-4.72	-4.38	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-43-20	12/12/2019	0959	-4.25	-3.81	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-30	1/17/2019	1155	-10.76	-9.25	0.0	0	0.6	20.2	0.3	0.0	0.0	0.0	
VMP-43-30	2/14/2019	1056	-9.47	-9.39	0.6	12	2.6	16.6	24.7	836	180	656	
VMP-43-30	3/21/2019	0959	-8.96	-8.82	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-43-30	4/23/2019	1047	-12.07	-11.86	0.0	0	1.8	18.8	0.1	9.4	9.4	0.0	
VMP-43-30	5/21/2019	1005	-13.39	-13.36	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-43-30	6/20/2019	0844	-11.16	-11.74	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-43-30	7/18/2019	0926	-8.20	-8.33	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-43-30	8/22/2019	0924	-11.84	-9.12	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-43-30	9/17/2019	0951	-11.39	-9.95	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-43-30	10/17/2019	1153	-5.17	-5.12	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-43-30	11/21/2019	1018	-5.42	-5.42	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-43-30	12/12/2019	1000	-4.97	-4.53	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-43-30-Dup	12/12/2019	1000	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-44-10	1/17/2019	0942	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-44-10	2/14/2019	1104	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-44-10	3/21/2019	0841	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-44-10	4/23/2019	1250	0.00	0.00	0.0	0	0.1	20.6	0.2	0.0	0.0	0.0	
VMP-44-10	5/21/2019	1102	0.00	0.00	0.0	0	0.6	20.0	0.8	0.0	0.0	0.0	
VMP-44-10	6/20/2019	1106	0.00	0.00	0.0	0	0.9	19.6	0.0	0.0	0.0	0.0	
VMP-44-10	7/18/2019	1240	0.00	0.00	0.0	0	2.1	18.6	0.1	0.0	0.0	0.0	
VMP-44-10	8/21/2019	1537	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-44-10	9/17/2019	0843	0.00	0.00	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-44-10	10/17/2019	1208	0.00	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	
VMP-44-10	11/21/2019	0858	0.00	-0.10	0.0	0	0.8	19.7	0.0	0.0	0.0	0.0	
VMP-44-10	12/12/2019	1137	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-44-20	1/17/2019	0943	-0.13	-0.34	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-44-20	2/14/2019	1106	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-44-20-Dup	2/14/2019	1106	NM	NM	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-20	3/21/2019	0842	-0.11	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-44-20	4/23/2019	1252	0.00	0.00	0.0	0	0.5	20.2	0.2	0.0	0.0	0.0	
VMP-44-20	5/21/2019	1103	0.00	0.00	0.0	0	0.7	19.9	0.4	0.0	0.0	0.0	
VMP-44-20	6/20/2019	1107	0.00	0.00	0.0	0	0.8	19.6	0.0	0.0	0.0	0.0	
VMP-44-20	7/18/2019	1241	0.00	0.00	0.0	0	1.8	18.9	0.1	0.0	0.0	0.0	
VMP-44-20	8/21/2019	1538	0.00	0.00	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-44-20	9/17/2019	0845	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-44-20	10/17/2019	1209	0.00	0.00	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-44-20	11/21/2019	0900	4.72	0.00	0.0	0	0.5	19.8	0.0	0.0	0.0	0.0	
VMP-44-20	12/12/2019	1138	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-44-30	1/17/2019	0944	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-44-30-Dup	1/17/2019	0944	NM	NM	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	2/14/2019	1107	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-44-30	3/21/2019	0843	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-44-30	4/23/2019	1254	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-44-30	5/21/2019	1104	0.00	0.00	0.0	0	0.6	20.2	0.3	0.0	0.0	0.0	
VMP-44-30	6/20/2019	1108	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-44-30	7/18/2019	1242	0.00	0.00	0.0	0	1.9	18.9	0.0	0.0	0.0	0.0	
VMP-44-30	8/21/2019	1539	0.00	0.00	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-44-30	9/17/2019	0847	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-44-30	10/17/2019	1210	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-44-30	11/21/2019	0902	-0.10	-0.09	0.0	0	0.5	19.7	0.0	0.0	0.0	0.0	
VMP-44-30	12/12/2019	1139	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	1/17/2019	0820	-0.11	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-45-10	2/14/2019	0916	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-45-10	3/20/2019	1337	-0.10	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-45-10	4/23/2019	1335	0.00	0.00	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-45-10	5/21/2019	1025	0.00	-0.10	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-45-10	6/20/2019	1001	0.00	-0.09	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-45-10	7/18/2019	1025	-0.11	-0.10	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-45-10	8/21/2019	1443	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	9/17/2019	0759	-0.10	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	10/17/2019	1131	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-10	11/21/2019	0818	-0.15	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-45-10	12/12/2019	1110	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-45-20	1/17/2019	0821	-0.11	-0.11	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-20	2/14/2019	0917	0.00	0.00	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-45-20	3/20/2019	1338	-0.11	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-20	4/23/2019	1337	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-45-20	5/21/2019	1026	0.00	-0.11	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-45-20	6/20/2019	1002	-0.09	-0.11	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-45-20	7/18/2019	1026	-0.09	0.00	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-45-20	8/21/2019	1444	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	9/17/2019	0801	-0.10	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	10/17/2019	1132	-0.09	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-45-20	11/20/2019	0820	-0.15	-0.15	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	12/12/2019	1111	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-30	1/17/2019	0822	-0.33	-0.36	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-45-30	2/14/2019	0918	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-45-30	3/20/2019	1339	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-45-30	4/23/2019	1339	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-45-30	5/21/2019	1027	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-45-30	6/20/2019	1003	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-30-Dup	6/20/2019	1003	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	7/18/2019	1027	0.00	0.00	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-45-30	8/21/2019	1445	-0.24	-0.17	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-45-30-Dup	8/21/2019	1445	NM	NM	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	9/17/2019	0803	-0.29	-0.23	0.0	0	1.4	19.7	0.0	0.0	0.0	0.0	
VMP-45-30-Dup	9/17/2019	0803	NM	NM	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	10/17/2019	1133	-0.23	-0.21	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	
VMP-45-30	11/21/2019	0822	-0.45	-0.56	0.0	0	1.5	19.6	0.1	3.7	3.7	0.0	
VMP-45-30	12/12/2019	1112	0.00	0.00	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-46-10	1/16/2019	1125	-0.36	-0.22	0.0	0	0.0	20.7	0.3	0.4	0.4	0.0	
VMP-46-10	2/13/2019	1012	-0.29	-0.44	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-10	3/20/2019	1112	-0.10	-0.09	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-46-10	4/22/2019	1117	0.00	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-46-10	5/20/2019	1018	-0.35	-0.30	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	6/19/2019	1020	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	7/17/2019	1044	-0.14	-0.14	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	8/21/2019	1036	-0.12	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	9/16/2019	1125	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	10/16/2019	1128	-0.19	-0.14	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	11/20/2019	1104	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-10	12/11/2019	1112	-0.19	-0.10	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-46-20	1/16/2019	1126	-0.37	-0.27	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-46-20	2/13/2019	1014	-0.31	-0.27	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	3/20/2019	1114	-0.09	-0.10	0.0	0	0.0	20.7	0.1	0.0	0.0	0.0	
VMP-46-20-Dup	3/20/2019	1114	NM	NM	0.0	0	0.0	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-46-20	4/22/2019	1119	0.00	-0.10	0.0	0	0.0	20.8	0.4	0.0	0.0	0.0	
VMP-46-20	5/20/2019	1020	-0.36	-0.32	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	6/19/2019	1021	0.00	-0.10	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-46-20	7/17/2019	1046	-0.17	-0.18	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	8/21/2019	1037	-0.16	-0.33	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-46-20	9/16/2019	1126	-0.09	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	10/16/2019	1129	-0.23	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	11/20/2019	1105	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-20	12/11/2019	1113	-0.20	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-30	1/16/2019	1127	-0.47	-0.27	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-46-30	2/13/2019	1016	0.00	-0.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-30	3/20/2019	1118	-0.11	-0.12	0.0	0	0.0	20.6	0.2	0.0	0.0	0.0	
VMP-46-30	4/22/2019	1121	0.00	0.00	0.0	0	0.1	20.7	0.5	0.0	0.0	0.0	
VMP-46-30	5/20/2019	1022	-0.36	-0.41	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-46-30	6/19/2019	1022	0.00	-0.23	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-46-30	7/17/2019	1048	-0.15	-0.18	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-30	8/21/2019	1038	-0.14	-0.32	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-46-30	9/16/2019	1127	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-46-30-Dup	9/16/2019	1127	NM	NM	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	10/16/2019	1130	-0.22	-0.20	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-46-30	11/20/2019	1106	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-46-30	12/11/2019	1114	-0.22	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-47-5	1/17/2019	0909	-0.10	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-47-5	2/13/2019	1416	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-47-5	3/21/2019	0840	-0.15	-0.14	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-47-5	4/23/2019	0813	-0.16	-0.14	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-47-5	5/20/2019	1352	-0.17	-0.22	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-47-5	6/19/2019	1526	-0.14	-0.15	0.0	0	0.6	20.1	0.1	0.0	0.0	0.0	
VMP-47-5	7/17/2019	1414	0.00	0.00	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-47-5	8/22/2019	0848	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-47-5	9/17/2019	0801	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	10/17/2019	0857	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-47-5	11/21/2019	0859	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-47-5	12/12/2019	0819	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-47-10	1/17/2019	0910	-0.30	-0.30	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-47-10	2/13/2019	1418	-0.20	-0.18	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-47-10	3/21/2019	0842	-0.32	-0.38	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-47-10	4/23/2019	0815	-0.43	-0.41	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-47-10	5/20/2019	1354	-0.46	-0.49	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-47-10	6/19/2019	1527	-0.27	-0.13	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	7/17/2019	1416	-0.28	-0.47	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-47-10	8/22/2019	0844	-0.29	-0.28	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-47-10	9/17/2019	0802	-0.28	-0.37	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-47-10	10/17/2019	0858	-0.29	-0.27	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-47-10	11/21/2019	0900	-0.26	-0.24	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-10	12/12/2019	0820	-0.26	-0.25	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-47-20	1/17/2019	0911	-4.32	-3.38	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-47-20	2/13/2019	1420	-2.80	-2.25	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-47-20	3/21/2019	0844	-0.67	-3.58	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-47-20	4/23/2019	0817	-3.84	-3.73	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-47-20	5/20/2019	1356	-3.74	-3.90	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-47-20	6/19/2019	1528	-2.43	-2.73	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	7/17/2019	1418	-3.15	-3.15	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-47-20	8/22/2019	0846	-3.80	-3.73	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-47-20	9/17/2019	0803	-3.80	-3.61	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-47-20-Dup	9/17/2019	0803	NM	NM	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	10/17/2019	0859	-3.81	-3.92	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-20	11/21/2019	0901	-3.19	-3.20	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-47-20	12/12/2019	0821	-3.54	-3.39	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-47-20-Dup	12/12/2019	0821	NM	NM	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	1/17/2019	0912	-4.44	-4.53	0.0	0	0.6	20.5	0.2	0.0	0.0	0.0	
VMP-47-30	2/13/2019	1422	-3.07	-3.03	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-47-30	3/21/2019	0846	-4.89	-4.79	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-47-30	4/23/2019	0819	-5.05	-4.91	0.0	0	0.6	0.3	0.4	0.0	0.0	0.0	
VMP-47-30	5/20/2019	1358	-4.32	-4.86	0.0	0	0.6	20.0	0.6	0.0	0.0	0.0	
VMP-47-30	6/19/2019	1529	-3.16	-3.60	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-47-30	7/17/2019	1420	-4.23	-4.24	0.0	0	1.3	19.3	0.1	0.0	0.0	0.0	
VMP-47-30	8/22/2019	0848	-5.04	-4.58	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	9/17/2019	0804	-5.03	-4.79	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-47-30	10/17/2019	0900	-4.63	-4.84	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-47-30	11/21/2019	0902	-4.29	-3.77	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-47-30	12/12/2019	0822	-4.65	-4.49	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-48-5	1/17/2019	1042	0.00	0.00	0.0	0	0.9	19.3	0.1	0.0	0.0	0.0	
VMP-48-5	2/14/2019	0838	0.00	0.00	0.0	0	0.6	18.7	0.2	0.0	0.0	0.0	
VMP-48-5	3/21/2019	1016	0.00	0.00	0.0	0	1.2	19.4	0.2	0.0	0.0	0.0	
VMP-48-5	4/23/2019	0858	0.00	0.00	0.0	0	2.0	17.8	0.2	0.0	0.0	0.0	
VMP-48-5	5/20/2019	1515	0.00	0.00	0.0	0	3.6	15.4	0.0	1.5	1.5	0.0	
VMP-48-5	6/20/2019	1025	0.00	0.00	0.0	0	5.5	14.1	0.0	0.0	0.0	0.0	
VMP-48-5	7/18/2019	1112	0.00	0.00	0.0	0	7.3	13.9	0.0	0.0	0.0	0.0	
VMP-48-5	8/22/2019	0946	0.00	0.00	0.0	0	6.0	13.0	0.0	0.0	0.0	0.0	
VMP-48-5	9/17/2019	0911	0.00	0.00	0.0	0	6.3	13.8	0.0	0.0	0.0	0.0	
VMP-48-5	10/17/2019	1012	0.00	0.00	0.0	0	4.1	17.7	0.0	0.0	0.0	0.0	
VMP-48-5	11/21/2019	0939	0.00	0.00	0.0	0	2.7	17.6	0.0	0.0	0.0	0.0	
VMP-48-5	12/12/2019	0846	0.00	0.00	0.0	0	2.7	19.0	0.0	0.0	0.0	0.0	
VMP-48-10	1/17/2019	1043	0.00	0.00	0.0	0	2.7	18.7	0.2	0.0	0.0	0.0	
VMP-48-10	2/14/2019	0840	-0.24	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-48-10	3/21/2019	1018	-0.09	0.00	0.0	0	2.0	19.2	0.2	0.0	0.0	0.0	
VMP-48-10	4/23/2019	0900	0.00	0.00	0.0	0	2.1	18.6	0.2	0.0	0.0	0.0	
VMP-48-10-Dup	4/23/2019	0900	NM	NM	0.0	0	2.1	19.0	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	5/20/2019	1517	0.00	0.00	0.0	0	2.8	17.5	0.0	0.0	0.0	0.0	
VMP-48-10	6/20/2019	1026	0.00	0.00	0.0	0	3.4	16.5	0.0	0.0	0.0	0.0	
VMP-48-10	7/18/2019	1114	0.00	0.00	0.0	0	4.3	16.1	0.0	0.0	0.0	0.0	
VMP-48-10	8/22/2019	0948	0.00	0.00	0.0	0	4.5	15.7	0.0	0.0	0.0	0.0	
VMP-48-10	9/17/2019	0912	0.00	0.00	0.0	0	4.7	15.2	0.0	0.0	0.0	0.0	
VMP-48-10	10/17/2019	1013	0.00	0.00	0.0	0	5.8	15.4	0.0	0.0	0.0	0.0	
VMP-48-10	11/21/2019	0940	0.00	0.00	0.0	0	5.2	15.9	0.0	0.0	0.0	0.0	
VMP-48-10	12/12/2019	0847	0.00	0.00	0.0	0	4.2	17.3	0.0	0.0	0.0	0.0	
VMP-48-20	1/17/2019	1044	0.00	0.00	0.0	0	3.8	18.3	0.2	0.0	0.0	0.0	
VMP-48-20-Dup	1/17/2019	1044	NM	NM	0.0	0	3.5	18.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-20	2/14/2019	0842	-0.25	0.00	0.0	0	3.3	18.3	0.2	0.0	0.0	0.0	
VMP-48-20	3/21/2019	1019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	4/23/2019	0902	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/20/2019	1518	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	6/20/2019	1027	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/18/2019	1115	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/22/2019	0950	0.00	0.00	0.0	0	3.4	16.0	0.0	0.0	0.0	0.0	
VMP-48-20	9/17/2019	0913	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	10/17/2019	1014	0.00	0.00	0.0	0	5.2	14.8	0.0	0.0	0.0	0.0	
VMP-48-20	11/21/2019	0941	0.00	0.00	0.0	0	5.0	16.0	0.0	0.0	0.0	0.0	
VMP-48-20	12/12/2019	0848	0.00	0.00	0.0	0	4.9	16.4	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-48-30	1/17/2019	1045	-0.46	-0.12	0.0	0	6.2	15.9	0.5	0.0	0.0	0.0	
VMP-48-30	2/14/2019	0844	-0.33	0.00	0.0	0	7.0	15.3	0.2	0.0	0.0	0.0	
VMP-48-30	3/21/2019	1020	-0.53	-0.47	0.0	0	6.9	15.8	0.5	0.0	0.0	0.0	
VMP-48-30	4/23/2019	0904	0.55	-0.55	0.0	0	6.6	16.4	0.3	0.0	0.0	0.0	
VMP-48-30	5/20/2019	1519	-0.28	-0.37	0.0	0	6.4	16.7	0.0	0.0	0.0	0.0	
VMP-48-30	6/20/2019	1028	-0.46	-0.46	0.0	0	5.8	16.7	0.0	0.0	0.0	0.0	
VMP-48-30	7/18/2019	1116	-0.11	-0.09	0.0	0	1.7	19.9	0.0	0.0	0.0	0.0	
VMP-48-30	8/22/2019	0952	-0.24	-0.36	0.0	0	4.8	17.2	0.0	0.0	0.0	0.0	
VMP-48-30-Dup	8/22/2019	0952	NM	NM	0.0	0	5.1	16.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	9/17/2019	0914	-0.24	0.00	0.0	0	5.3	16.1	0.0	0.0	0.0	0.0	
VMP-48-30-Dup	9/17/2019	0914	NM	NM	0.0	0	5.4	15.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	10/17/2019	1015	-0.30	-0.12	0.0	0	5.3	15.8	0.0	0.0	0.0	0.0	
VMP-48-30	11/21/2019	0942	-0.19	0.00	0.0	0	5.1	15.6	0.0	0.0	0.0	0.0	
VMP-48-30	12/12/2019	0849	0.00	0.34	0.0	0	5.3	15.3	0.0	0.0	0.0	0.0	
VMP-49-5	1/17/2019	1157	-1.06	-0.94	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-49-5	2/14/2019	1010	-0.92	-0.99	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-49-5	3/21/2019	1036	-1.12	-1.05	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-49-5	4/23/2019	1003	-1.59	-1.53	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-49-5	5/21/2019	0901	-1.48	-1.51	0.0	0	0.6	20.3	0.0	4.3	4.3	4.3	
VMP-49-5	6/20/2019	0924	-1.26	-1.12	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-49-5	7/18/2019	0840	-0.95	-0.92	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-49-5	8/22/2019	1010	-1.18	-1.18	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-49-5	9/17/2019	1005	-0.95	-0.93	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-49-5	10/17/2019	1058	-0.56	-0.62	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-49-5	11/21/2019	1051	-0.69	-0.65	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-49-5	12/12/2019	0900	-0.69	-0.67	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-49-10	1/17/2019	1158	-0.87	-0.76	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-49-10	2/14/2019	1012	-0.87	-0.76	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-49-10	3/21/2019	1037	-0.93	-0.90	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-49-10	4/23/2019	1005	-1.31	-1.24	0.0	0	0.6	20.2	0.1	0.0	0.0	0.0	
VMP-49-10	5/21/2019	0902	-1.32	-1.34	0.0	0	1.7	19.5	0.0	0.0	0.0	0.0	
VMP-49-10	6/20/2019	0925	0.00	0.00	0.0	0	1.8	19.3	0.1	0.0	0.0	0.0	
VMP-49-10	7/18/2019	0842	-0.71	-0.67	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-49-10	8/22/2019	1011	-0.93	-0.90	0.0	0	3.1	17.9	0.0	0.0	0.0	0.0	
VMP-49-10	9/17/2019	1006	-0.69	-0.82	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-49-10	10/17/2019	1059	-0.39	-0.43	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-49-10	11/21/2019	1052	-0.51	-0.44	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-49-10	12/12/2019	0901	-0.53	-0.51	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-49-20	1/17/2019	1159	-0.09	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-20	2/14/2019	1014	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-49-20	3/21/2019	1038	-0.09	-0.09	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-20	4/23/2019	1007	-0.09	-0.09	0.0	0	0.6	20.1	0.2	0.0	0.0	0.0	
VMP-49-20	5/21/2019	0903	-0.15	-0.13	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-49-20	6/20/2019	0926	-3.82	-3.55	0.0	0	1.7	19.2	0.0	0.0	0.0	0.0	
VMP-49-20	7/18/2019	0844	0.00	0.00	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-49-20	8/22/2019	1012	-0.13	-0.12	0.0	0	3.3	17.7	0.1	0.0	0.0	0.0	
VMP-49-20	9/17/2019	1007	0.00	0.00	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	
VMP-49-20	10/17/2019	1100	0.00	0.00	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-49-20	11/21/2019	1053	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-49-20	12/12/2019	0902	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-49-30	1/17/2019	1200	-3.26	-2.74	0.0	0	0.3	20.5	0.1	0.0	0.0	0.0	
VMP-49-30	2/14/2019	1016	-2.73	-2.53	0.0	0	2.3	18.1	0.0	0.0	0.0	0.0	
VMP-49-30	3/21/2019	1039	-3.04	-2.92	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-49-30	4/23/2019	1009	-4.08	-3.93	0.0	0	0.6	20.1	0.1	0.0	0.0	0.0	
VMP-49-30	5/21/2019	0904	-3.81	-4.07	0.0	0	12.7	6.4	4.0	0.0	0.0	0.0	
VMP-49-30	6/20/2019	0927	-3.82	-3.55	0.0	0	1.1	19.4	0.0	0.0	0.0	0.0	
VMP-49-30	7/18/2019	0846	-2.93	-2.92	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-49-30	8/22/2019	1013	-3.49	-3.52	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-49-30	9/17/2019	1008	-3.22	-3.15	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-49-30	10/17/2019	1101	-2.33	-2.38	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-49-30	11/21/2019	1054	-2.65	-2.61	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-49-30-Dup	11/21/2019	1054	NM	NM	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-49-30	12/12/2019	0903	-2.24	-2.21	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-50-5	1/17/2019	1026	-0.10	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	2/14/2019	1122	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-50-5	3/21/2019	0910	-0.10	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-50-5	4/23/2019	1233	0.00	0.00	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-50-5	5/21/2019	1107	0.00	0.00	0.0	0	0.9	19.7	0.6	0.0	0.0	0.0	
VMP-50-5	6/20/2019	1124	0.00	0.00	0.0	0	1.4	19.5	0.0	0.0	0.0	0.0	
VMP-50-5	7/18/2019	1006	0.00	0.00	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-50-5	8/22/2019	0822	-0.11	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-50-5	9/17/2019	0916	0.00	0.00	0.0	0	1.0	19.7	0.0	0.0	0.0	0.0	
VMP-50-5	10/17/2019	1241	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-50-5	11/21/2019	0940	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-50-5	12/12/2019	1051	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-50-10	1/17/2019	1027	-0.40	-0.32	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-50-10	2/14/2019	1123	-0.39	-0.38	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-50-10	3/21/2019	0911	-0.29	-0.27	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-50-10	4/23/2019	1235	-0.32	-0.29	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-50-10	5/21/2019	1108	-0.25	-0.25	0.0	0	1.9	19.8	0.8	0.0	0.0	0.0	
VMP-50-10	6/20/2019	1125	-0.12	-0.13	0.0	0	1.6	19.1	0.1	0.0	0.0	0.0	
VMP-50-10	7/18/2019	1008	-0.10	-0.16	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-50-10	8/22/2019	0823	-0.24	-0.24	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-50-10	9/17/2019	0918	-0.16	-0.22	0.0	0	1.5	19.2	0.0	0.0	0.0	0.0	
VMP-50-10	10/17/2019	1242	-0.13	-0.16	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-50-10	11/21/2019	0942	-0.32	-0.26	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-50-10	12/12/2019	1052	-0.14	-0.10	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-50-20	1/17/2019	1028	-3.31	-3.09	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-50-20	2/14/2019	1124	-3.01	-2.99	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-50-20	3/21/2019	0912	-4.23	-1.52	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-50-20	4/23/2019	1237	-1.80	-1.75	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-50-20	5/21/2019	1109	-1.18	-1.22	0.0	0	0.7	20.1	0.8	0.0	0.0	0.0	
VMP-50-20	6/20/2019	1126	-0.82	-0.80	0.0	0	1.5	19.1	0.1	0.0	0.0	0.0	
VMP-50-20	7/18/2019	1010	-0.84	-0.89	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-50-20	8/22/2019	0824	-1.17	-1.13	0.0	0	2.3	19.1	0.0	0.0	0.0	0.0	
VMP-50-20	9/17/2019	0920	-1.08	-0.85	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-50-20	10/17/2019	1243	-0.80	-0.94	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sampled. Ambient air inadvertently introduced to sample.
VMP-50-20	10/17/2019	1556	-1.02	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Re-sample.
VMP-50-20	11/21/2019	0944	-1.55	-1.44	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-50-20	12/12/2019	1053	-0.99	-0.88	0.0	0	1.1	20.3	0.0	0.0	0.0	0.0	
VMP-50-30	1/17/2019	1029	-4.37	-4.12	0.1	2	1.5	19.6	13.4	116	3.9	112	
VMP-50-30	2/14/2019	1125	-3.14	-3.04	0.1	2	1.5	19.3	10.2	104	5.4	98.6	
VMP-50-30	3/21/2019	0913	-1.55	-4.17	0.0	1	1.4	19.7	10.4	66.7	5.9	60.8	
VMP-50-30	4/23/2019	1239	-4.42	-4.23	0.0	0	1.3	19.4	6.8	66.5	1.8	64.7	
VMP-50-30	5/21/2019	1110	-4.69	-4.74	0.0	1	1.5	19.5	13.3	95.6	2.3	93.3	
VMP-50-30-Dup	5/21/2019	1110	NM	NM	0.1	2	1.6	19.4	13.3	135	2.9	132	Duplicate sample.
VMP-50-30	6/20/2019	1127	-4.10	-4.65	0.1	2	1.8	19.0	18.4	129	7.6	121	
VMP-50-30	7/18/2019	1012	-3.60	-3.62	0.1	2	1.9	18.9	21.3	116	4.7	111	
VMP-50-30	8/22/2019	0825	-4.04	-3.89	0.1	2	2.5	18.3	21.9	135	17.3	118	
VMP-50-30	9/17/2019	0922	-3.75	-3.75	0.1	2	2.6	18.1	18.2	159	59.6	99.4	
VMP-50-30	10/17/2019	1244	-2.87	-2.90	0.1	2	2.7	18.4	15.1	145	55.1	89.9	
VMP-50-30	11/21/2019	0946	-3.91	-3.79	0.0	1	2.7	18.4	14.7	185	119	66.0	
VMP-50-30	12/12/2019	1054	-3.63	-3.04	0.0	0	1.9	19.5	6.7	35.1	4.4	30.7	Re-sampled due to decreased THC.
VMP-50-30	12/12/2019	1319	-3.04	NM	0.0	1	2.2	19.3	10.7	53.1	4.7	48.4	Re-sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-51-5	1/17/2019	0917	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-51-5	2/14/2019	0941	0.00	0.09	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-51-5	3/21/2019	0822	-0.11	-0.10	0.0	0	0.1	20.8	0.8	0.0	0.0	0.0	
VMP-51-5	4/23/2019	1318	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-51-5	5/21/2019	1043	0.00	0.00	0.0	0	1.4	19.5	0.6	0.0	0.0	0.0	
VMP-51-5	6/20/2019	1027	0.00	-0.09	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-51-5	7/18/2019	1048	0.00	0.00	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-51-5	8/21/2019	1518	0.00	0.00	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-51-5	9/17/2019	0818	0.00	0.00	0.0	0	1.2	20.1	0.0	0.0	0.0	0.0	
VMP-51-5	10/17/2019	1150	0.00	0.00	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-51-5	11/21/2019	0836	0.00	0.00	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-51-5	12/12/2019	1137	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-51-10	1/17/2019	0918	-0.17	-0.18	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-51-10	2/14/2019	0942	0.00	-0.10	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-51-10	3/21/2019	0823	-0.25	-0.22	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-51-10	4/23/2019	1320	0.00	-0.15	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-51-10	5/21/2019	1044	0.00	-0.12	0.0	0	1.6	19.5	0.5	0.0	0.0	0.0	
VMP-51-10	6/20/2019	1028	0.00	-0.18	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-51-10	7/18/2019	1049	-0.10	-0.09	0.0	0	1.9	19.3	0.1	0.0	0.0	0.0	
VMP-51-10	8/21/2019	1519	0.00	-0.17	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-51-10	9/17/2019	0820	0.00	0.00	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-51-10	10/17/2019	1151	-0.10	0.00	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-51-10	11/21/2019	0838	0.00	-0.14	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-51-10	12/12/2019	1138	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-51-20	1/17/2019	0919	-0.44	-0.47	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-51-20	2/14/2019	0943	0.11	-0.35	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-51-20	3/21/2019	0824	-0.37	-0.55	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-51-20	4/23/2019	1322	-0.26	-0.44	0.0	0	0.4	20.2	0.1	0.0	0.0	0.0	
VMP-51-20	5/21/2019	1045	-0.29	-0.32	0.0	0	0.7	19.8	0.6	0.0	0.0	0.0	
VMP-51-20	6/20/2019	1029	-0.30	-0.48	0.0	0	1.1	19.2	0.0	0.0	0.0	0.0	
VMP-51-20	7/18/2019	1050	-0.24	-0.27	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-51-20	8/21/2019	1520	0.00	0.00	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-51-20	9/17/2019	0822	-0.22	-0.21	0.0	0	2.7	18.4	0.0	0.0	0.0	0.0	
VMP-51-20	10/17/2019	1152	-0.20	0.00	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-51-20	11/21/2019	0840	-0.80	-0.29	0.0	0	2.3	19.1	0.0	0.0	0.0	0.0	
VMP-51-20	12/12/2019	1139	0.00	0.00	0.0	0	1.7	19.9	0.0	0.0	0.0	0.0	
VMP-51-30	1/17/2019	0920	-0.46	-0.49	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-51-30	2/14/2019	0944	-0.18	-0.26	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-51-30	3/21/2019	0825	-0.60	-0.57	0.0	0	1.1	20.0	0.2	0.0	0.0	0.0	
VMP-51-30	4/23/2019	1324	-0.37	-0.45	0.0	0	0.9	19.9	0.1	0.0	0.0	0.0	
VMP-51-30	5/21/2019	1046	-0.16	-0.39	0.0	0	1.0	19.6	0.4	0.0	0.0	0.0	
VMP-51-30	6/20/2019	1030	-0.34	-0.50	0.0	0	1.2	18.7	0.0	0.0	0.0	0.0	
VMP-51-30	7/18/2019	1051	-0.25	-0.28	0.0	0	2.0	18.6	0.1	0.0	0.0	0.0	
VMP-51-30	8/21/2019	1521	0.00	-0.10	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-51-30	9/17/2019	0824	-0.23	-0.23	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-51-30	10/17/2019	1153	-0.20	-0.17	0.0	0	3.0	18.5	0.0	0.0	0.0	0.0	
VMP-51-30	11/21/2019	0842	-0.31	-0.30	0.0	0	2.8	18.8	0.0	0.0	0.0	0.0	
VMP-51-30	12/12/2019	1140	0.00	0.00	0.0	0	2.6	19.1	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-52-5	1/17/2019	0804	0.00	0.00	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-52-5	2/14/2019	0857	0.00	0.00	0.0	0	0.4	20.1	0.0	0.0	0.0	0.0	
VMP-52-5	3/20/2019	1323	0.00	0.00	0.0	0	0.5	20.2	0.4	0.0	0.0	0.0	
VMP-52-5	4/23/2019	1421	0.00	0.00	0.0	0	1.2	18.3	0.1	0.0	0.0	0.0	
VMP-52-5	5/21/2019	1008	0.00	0.00	0.0	0	4.1	12.3	0.1	0.0	0.0	0.0	
VMP-52-5	6/20/2019	0906	0.00	0.00	0.0	0	4.0	16.7	0.0	0.0	0.0	0.0	
VMP-52-5	7/18/2019	0953	0.00	0.00	0.0	0	4.7	16.5	0.1	0.0	0.0	0.0	
VMP-52-5	8/21/2019	1424	0.00	0.00	0.0	0	4.3	15.1	0.0	0.0	0.0	0.0	
VMP-52-5	9/16/2019	1449	0.00	0.00	0.0	0	4.5	15.7	0.1	0.0	0.0	0.0	
VMP-52-5	10/17/2019	1016	0.00	0.00	0.0	0	3.1	18.9	0.0	0.0	0.0	0.0	
VMP-52-5	11/20/2019	1434	0.00	0.00	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-5	12/12/2019	1048	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-52-10	1/17/2019	0805	0.00	0.00	0.0	0	1.4	18.9	0.2	0.0	0.0	0.0	
VMP-52-10	2/14/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-10	3/20/2019	1324	0.00	0.00	0.0	0	0.4	19.8	0.3	0.0	0.0	0.0	
VMP-52-10	4/23/2019	1423	0.00	0.00	0.0	0	1.0	18.0	0.1	0.0	0.0	0.0	
VMP-52-10	5/21/2019	1009	0.00	0.00	0.0	0	3.2	3.9	0.0	0.0	0.0	0.0	
VMP-52-10	6/20/2019	0907	0.00	0.00	0.0	0	4.2	14.5	0.0	0.0	0.0	0.0	
VMP-52-10	7/18/2019	0954	0.00	0.00	0.0	0	4.5	15.2	0.1	0.0	0.0	0.0	
VMP-52-10	8/21/2019	1425	0.00	0.00	0.0	0	4.1	13.7	0.0	0.0	0.0	0.0	
VMP-52-10	9/16/2019	1451	0.00	0.00	0.0	0	4.9	13.1	0.0	0.0	0.0	0.0	
VMP-52-10	10/17/2019	1017	0.00	0.00	0.0	0	5.8	16.9	0.0	0.0	0.0	0.0	
VMP-52-10	11/20/2019	1436	0.00	0.00	0.0	0	5.2	17.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-10	12/12/2019	1049	0.00	0.00	0.0	0	2.6	19.1	0.0	0.0	0.0	0.0	
VMP-52-20	1/17/2019	0806	0.23	-0.19	0.0	0	3.9	16.6	0.3	0.0	0.0	0.0	
VMP-52-20	2/14/2019	0859	-0.22	-0.29	0.0	0	2.5	19.0	0.2	0.0	0.0	0.0	
VMP-52-20	3/20/2019	1325	0.00	0.00	0.0	0	2.0	19.2	0.5	0.0	0.0	0.0	
VMP-52-20	4/23/2019	1425	-0.15	-0.31	0.0	0	2.7	18.6	0.3	0.0	0.0	0.0	
VMP-52-20	5/21/2019	1010	0.00	0.00	0.0	0	2.7	18.5	0.3	0.0	0.0	0.0	
VMP-52-20	6/20/2019	0908	-0.72	-0.61	0.0	0	1.8	18.6	0.0	0.0	0.0	0.0	
VMP-52-20	7/18/2019	0955	-0.28	-0.30	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	
VMP-52-20	8/21/2019	1426	-0.40	-0.21	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	
VMP-52-20	9/16/2019	1453	-0.32	-0.32	0.0	0	2.5	18.4	0.0	0.0	0.0	0.0	
VMP-52-20	10/17/2019	1018	-0.33	-0.39	0.0	0	2.9	18.8	0.0	0.0	0.0	0.0	
VMP-52-20	11/20/2019	1438	0.00	0.10	0.0	0	2.5	19.1	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-20	12/12/2019	1050	-0.21	0.00	0.0	0	1.8	19.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-52-30	1/17/2019	0807	-0.13	-0.27	0.0	0	4.3	16.2	0.1	0.0	0.0	0.0	
VMP-52-30	2/14/2019	0900	-0.20	-0.25	0.0	0	3.3	18.3	0.1	0.0	0.0	0.0	
VMP-52-30	3/20/2019	1326	0.00	0.00	0.0	0	2.7	18.9	0.2	0.0	0.0	0.0	
VMP-52-30	4/23/2019	1427	-0.13	0.00	0.0	0	3.0	18.4	0.4	0.0	0.0	0.0	
VMP-52-30	5/21/2019	1011	0.00	0.00	0.0	0	2.6	18.5	0.4	0.0	0.0	0.0	
VMP-52-30	6/20/2019	0909	-0.71	-0.61	0.0	0	1.9	18.6	0.0	0.0	0.0	0.0	
VMP-52-30	7/18/2019	0956	-0.24	-0.31	0.0	0	2.4	18.7	0.1	0.0	0.0	0.0	
VMP-52-30	8/21/2019	1427	-0.41	-0.35	0.0	0	2.6	18.6	0.0	0.0	0.0	0.0	
VMP-52-30	9/16/2019	1455	-0.32	-0.33	0.0	0	2.4	18.4	0.0	0.0	0.0	0.0	
VMP-52-30	10/17/2019	1019	-0.32	-0.40	0.0	0	2.8	18.7	0.0	0.0	0.0	0.0	
VMP-52-30	11/20/2019	1440	0.00	0.10	0.0	0	2.5	19.3	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-30-Dup	11/20/2019	1440	NM	NM	0.0	0	2.6	19.3	0.0	0.0	0.0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-52-30	12/12/2019	1051	-0.22	0.00	0.0	0	2.3	19.4	0.0	0.0	0.0	0.0	
VMP-53-5	1/16/2019	1241	0.00	0.00	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-53-5	2/13/2019	1310	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-53-5	3/20/2019	1209	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-53-5	4/24/2019	0826	0.00	0.00	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	Re-sampled due to elevated concentrations.
VMP-53-5	4/24/2019	1215	NM	NM	0.0	0	0.8	20.1	0.2	1.2	0.0	1.2	Re-sample.
VMP-53-5	5/21/2019	0826	0.00	0.00	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-53-5	6/19/2019	1423	0.00	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-53-5	7/18/2019	0834	0.00	0.00	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	
VMP-53-5	8/21/2019	1258	0.00	0.00	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	
VMP-53-5-Dup	8/21/2019	1258	NM	NM	0.0	0	2.2	18.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-53-5	9/16/2019	1336	0.00	0.00	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-53-5	10/17/2019	0935	0.00	0.00	0.0	0	1.1	20.2	0.0	0.0	0.0	0.0	
VMP-53-5	11/20/2019	1344	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-5	12/12/2019	0940	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	1/16/2019	1242	0.00	0.00	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-53-10	2/13/2019	1311	0.00	0.00	0.0	0	0.2	20.9	0.3	0.0	0.0	0.0	
VMP-53-10	3/20/2019	1210	-0.11	0.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-53-10	4/24/2019	0827	-0.27	0.00	0.0	0	0.5	20.2	1.5	16.9	1.2	15.7	Re-sampled due to elevated concentrations.
VMP-53-10	4/24/2019	1217	NM	NM	0.0	0	0.5	20.1	1.4	16.4	0.5	15.9	Re-sample.
VMP-53-10	5/21/2019	0827	0.00	0.00	0.0	0	1.2	19.5	0.5	0.0	0.0	0.0	
VMP-53-10	6/19/2019	1424	0.00	0.00	0.0	0	1.5	19.6	0.1	0.0	0.0	0.0	
VMP-53-10	7/18/2019	0835	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-53-10	8/21/2019	1259	0.00	0.00	0.0	0	1.9	18.9	0.0	0.0	0.0	0.0	
VMP-53-10	9/16/2019	1338	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-53-10	10/17/2019	0936	0.00	0.00	0.0	0	1.1	20.1	0.0	0.0	0.0	0.0	
VMP-53-10	11/20/2019	1346	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-10	11/21/2019	1108	-0.20	NM	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	Re-sample. Re-sampled because ambient air was inadvertently introduced into initial sample.
VMP-53-10	12/12/2019	0941	-0.41	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-53-10-Dup	12/12/2019	0941	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-53-20	1/16/2019	1243	0.00	-0.13	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-53-20	2/13/2019	1312	-0.23	-0.12	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-53-20	3/20/2019	1211	-0.20	-0.28	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-53-20	4/24/2019	0828	-0.19	-0.21	1.9	39	0.8	19.8	154	2169	9.4	2160	Re-sampled due to elevated concentrations.
VMP-53-20	4/24/2019	1218	NM	NM	2.2	45	0.8	19.8	145	2470	2.4	2468	Re-sample.
VMP-53-20	5/21/2019	0828	-0.21	0.00	0.0	0	1.4	19.0	0.5	0.0	0.0	0.0	
VMP-53-20	6/19/2019	1425	0.10	-0.18	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	
VMP-53-20	7/18/2019	0836	-0.23	-0.27	0.0	0	2.0	18.9	0.0	0.0	0.0	0.0	
VMP-53-20	8/21/2019	1300	-0.20	-0.21	0.0	0	2.1	18.6	0.0	0.0	0.0	0.0	
VMP-53-20	9/16/2019	1340	0.00	-0.17	0.0	0	2.1	18.6	0.2	0.0	0.0	0.0	
VMP-53-20	10/17/2019	0937	-0.25	-0.20	0.0	0	2.0	19.4	0.0	0.0	0.0	0.0	
VMP-53-20	11/20/2019	1348	0.00	0.00	0.0	0	1.8	19.4	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-20	12/12/2019	0943	-0.22	0.00	0.0	0	1.1	20.2	0.0	0.0	0.0	0.0	
VMP-53-30	1/16/2019	1244	0.00	-0.22	0.0	0	2.4	18.9	0.1	0.0	0.0	0.0	
VMP-53-30	2/13/2019	1313	-0.22	-0.14	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	
VMP-53-30	3/20/2019	1212	-0.24	-0.32	0.0	0	2.1	19.5	0.4	0.0	0.0	0.0	
VMP-53-30	4/24/2019	0829	-0.20	-0.23	0.0	0	2.2	19.2	3.9	61.7	1.8	59.9	Re-sampled due to elevated concentrations.
VMP-53-30	4/24/2019	1215	NM	NM	0.0	0	2.2	19.3	3.7	76.3	2.1	74.2	Re-sample.
VMP-53-30	5/21/2019	0829	-0.28	-0.15	0.0	0	2.3	18.5	0.6	0.0	0.0	0.0	
VMP-53-30	6/19/2019	1426	0.11	-0.18	0.0	0	1.8	18.9	0.0	0.0	0.0	0.0	
VMP-53-30	7/18/2019	0837	-0.25	-0.29	0.0	0	2.2	17.9	0.0	0.0	0.0	0.0	
VMP-53-30	8/21/2019	1301	-0.23	-0.25	0.0	0	2.7	17.6	0.0	0.0	0.0	0.0	
VMP-53-30	9/16/2019	1342	0.00	-0.18	0.0	0	2.8	17.6	0.1	0.0	0.0	0.0	
VMP-53-30	10/17/2019	0938	-0.29	-0.21	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	
VMP-53-30	11/20/2019	1350	0.00	0.00	0.0	0	3.2	18.4	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-53-30	12/12/2019	0944	-0.23	0.00	0.0	0	3.3	18.6	0.0	0.0	0.0	0.0	
VMP-54-5	1/16/2019	1316	0.00	0.33	0.0	0	1.3	19.4	0.0	0.0	0.0	0.0	
VMP-54-5	2/13/2019	1329	0.00	0.00	0.0	0	1.7	19.0	0.0	0.0	0.0	0.0	
VMP-54-5	3/20/2019	1224	0.00	0.00	0.0	0	1.3	19.7	0.3	0.0	0.0	0.0	
VMP-54-5	4/24/2019	0840	0.00	0.00	0.0	0	1.8	18.8	0.2	0.0	0.0	0.0	
VMP-54-5	5/21/2019	0840	0.00	0.00	0.0	0	2.5	18.0	0.5	0.0	0.0	0.0	
VMP-54-5	6/19/2019	1450	0.00	0.00	0.0	0	2.9	18.1	0.1	0.0	0.0	0.0	
VMP-54-5	7/17/2019	1436	0.00	0.00	0.0	0	3.6	16.8	0.0	0.0	0.0	0.0	
VMP-54-5	8/21/2019	1234	0.00	0.00	0.0	0	4.1	16.0	0.0	0.0	0.0	0.0	
VMP-54-5	9/16/2019	1314	0.00	0.00	0.0	0	4.1	16.2	0.1	0.0	0.0	0.0	
VMP-54-5	10/17/2019	1254	0.00	0.00	0.0	0	3.4	17.4	0.0	0.0	0.0	0.0	
VMP-54-5	11/20/2019	1325	0.00	0.00	0.0	0	2.4	18.3	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-5	12/12/2019	0956	0.00	0.00	0.0	0	2.1	18.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-54-10	1/16/2019	1317	0.00	0.36	0.0	0	2.2	18.4	0.1	0.0	0.0	0.0	
VMP-54-10	2/13/2019	1329	0.00	0.00	0.0	0	1.0	19.5	0.0	0.0	0.0	0.0	
VMP-54-10	3/20/2019	1225	0.00	0.00	0.0	0	1.8	19.1	0.2	0.0	0.0	0.0	
VMP-54-10	4/24/2019	0841	0.00	0.00	0.0	0	2.0	18.7	0.2	0.0	0.0	0.0	
VMP-54-10	5/21/2019	0841	0.00	0.00	0.0	0	2.2	18.2	0.4	0.0	0.0	0.0	
VMP-54-10-Dup	5/21/2019	0841	NM	NM	0.0	0	2.2	18.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	6/19/2019	1451	0.00	0.00	0.0	0	2.4	18.1	0.1	0.0	0.0	0.0	
VMP-54-10	7/17/2019	1437	0.00	0.00	0.0	0	2.7	17.4	0.0	0.0	0.0	0.0	
VMP-54-10	8/21/2019	1235	0.00	0.00	0.0	0	3.1	17.0	0.0	0.0	0.0	0.0	
VMP-54-10	9/16/2019	1316	0.00	0.00	0.0	0	2.9	17.2	0.0	0.0	0.0	0.0	
VMP-54-10	10/17/2019	0925	0.00	0.00	0.0	0	3.5	17.0	0.1	0.0	0.0	0.0	
VMP-54-10	11/20/2019	1327	0.00	0.00	0.0	0	2.8	17.7	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-10	12/12/2019	0957	0.00	0.00	0.0	0	2.8	17.7	0.0	0.0	0.0	0.0	
VMP-54-20	1/16/2019	1318	0.00	0.00	0.0	0	2.7	17.4	0.2	0.0	0.0	0.0	
VMP-54-20-Dup	1/16/2019	1318	NM	NM	0.0	0	2.9	17.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-20	2/13/2019	1331	0.00	0.00	0.0	0	2.4	17.5	0.0	0.0	0.0	0.0	
VMP-54-20	3/20/2019	1226	0.00	0.00	0.0	0	2.4	18.0	0.2	0.0	0.0	0.0	
VMP-54-20	4/24/2019	0842	0.00	0.00	0.0	0	2.2	18.1	0.3	0.0	0.0	0.0	
VMP-54-20	5/21/2019	0842	0.00	0.00	0.0	0	2.1	18.0	0.4	0.0	0.0	0.0	
VMP-54-20	6/19/2019	1452	0.00	0.00	0.0	0	1.9	18.4	0.1	0.0	0.0	0.0	
VMP-54-20	7/17/2019	1438	0.00	0.00	0.0	0	2.2	17.5	0.0	0.0	0.0	0.0	
VMP-54-20	8/21/2019	1236	0.00	0.00	0.0	0	2.5	17.3	0.0	0.0	0.0	0.0	
VMP-54-20	9/16/2019	1318	0.00	0.00	0.0	0	2.5	17.0	0.0	0.0	0.0	0.0	
VMP-54-20	10/17/2019	0926	0.00	0.00	0.0	0	3.1	16.8	0.0	0.0	0.0	0.0	
VMP-54-20	11/20/2019	1329	0.00	0.00	0.0	0	3.2	16.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-20	12/12/2019	0958	0.00	0.00	0.0	0	3.1	16.8	0.0	0.0	0.0	0.0	
VMP-54-30	1/16/2019	1319	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-30	2/13/2019	1332	-0.26	0.00	0.0	0	0.3	20.0	0.1	0.0	0.0	0.0	
VMP-54-30	3/20/2019	1227	0.00	0.00	0.0	0	0.8	19.8	0.3	0.0	0.0	0.0	
VMP-54-30	4/24/2019	0843	0.00	0.00	0.0	0	1.6	18.9	0.2	0.0	0.0	0.0	
VMP-54-30	5/21/2019	0843	0.00	0.00	0.0	0	2.3	18.0	0.8	0.0	0.0	0.0	
VMP-54-30	6/19/2019	1453	0.00	0.00	0.0	0	2.8	18.4	0.0	0.0	0.0	0.0	
VMP-54-30	7/17/2019	1439	0.00	0.00	0.0	0	3.5	16.9	0.0	0.0	0.0	0.0	
VMP-54-30	8/21/2019	1237	0.00	0.00	0.0	0	3.9	16.5	0.0	0.0	0.0	0.0	
VMP-54-30	9/16/2019	1320	0.00	0.00	0.0	0	3.9	16.9	0.0	0.0	0.0	0.0	
VMP-54-30	10/17/2019	0927	0.00	0.00	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-54-30	11/20/2019	1331	0.00	0.00	0.0	0	1.0	19.6	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-54-30	12/12/2019	0959	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-55-5	1/16/2019	1034	-1.59	1.54	0.0	0	13.1	5.2	0.9	0.0	0.0	0.0	
VMP-55-5	2/13/2019	1046	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	3/20/2019	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	4/22/2019	1051	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	5/20/2019	1040	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	6/19/2019	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	7/17/2019	1416	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/21/2019	0809	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	9/16/2019	1032	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/16/2019	1400	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/20/2019	1042	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/11/2019	1101	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/16/2019	1035	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/13/2019	1047	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/20/2019	1113	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2019	1052	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2019	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/19/2019	1045	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/17/2019	1417	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/21/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2019	1033	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/16/2019	1401	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/20/2019	1043	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/11/2019	1102	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	1/16/2019	1035	-0.53	-0.49	17.3	OVR	18.2	1.3	43.8	99530	85570	13960	
VMP-55-20	2/13/2019	1050	0.00	0.00	18.6	OVR	18.8	0.3	49.5	83110	66710	16400	
VMP-55-20	3/20/2019	1114	0.55	0.00	19.9	OVR	18.4	1.0	76.9	102000	86480	15520	
VMP-55-20	4/22/2019	1053	0.16	0.00	8.4	OVR	17.8	0.4	53.4	70620	60190	10430	
VMP-55-20	5/20/2019	1042	-0.42	-0.17	2.8	56	17.2	1.2	24.6	32250	28650	3600	
VMP-55-20	6/19/2019	1046	-0.70	-1.15	3.5	70	16.9	1.1	45.2	31570	27810	3760	
VMP-55-20	7/17/2019	1418	0.12	0.00	1.8	36	18.4	2.5	63.6	17550	15610	1940	
VMP-55-20	8/21/2019	0811	0.00	0.00	0.0	1	21.3	0.5	11.6	597	517	80.0	
VMP-55-20-Dup	8/21/2019	0811	NM	NM	0.1	2	23.9	0.9	11.6	629	525	104	Duplicate sample.
VMP-55-20	9/16/2019	1034	-0.19	-0.21	0.0	0	19.6	1.9	7.8	155	107	48.0	
VMP-55-20	10/17/2019	0830	-0.49	-0.25	0.0	0	17.8	4.9	0.6	4.0	3.0	1.0	
VMP-55-20	11/20/2019	1044	-9.87	-0.10	0.0	0	25.5	2.0	5.5	15.0	2.0	13.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-55-20	12/11/2019	1103	-8.43	-0.34	0.0	0	24.2	0.6	4.8	176	139	37.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-55-30	1/16/2019	1036	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/13/2019	1049	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/20/2019	1115	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/22/2019	1054	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/20/2019	1042	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/19/2019	1047	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/17/2019	1418	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/21/2019	0812	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2019	1035	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/16/2019	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/20/2019	1045	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/11/2019	1104	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-10	1/17/2019	1141	-3.88	-3.67	0.0	0	0.1	20.8	0.7	1.1	0.0	1.1	
VMP-56-10	2/14/2019	1042	-2.98	-2.98	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-56-10	3/21/2019	1009	-2.93	-2.90	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-56-10	4/23/2019	1055	-3.70	-3.65	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-56-10	5/21/2019	0952	-4.07	-3.92	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-56-10	6/20/2019	0823	-3.05	-3.14	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-56-10	7/18/2019	0932	-2.20	-2.21	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-56-10	8/22/2019	0845	-2.81	-2.82	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-56-10	9/17/2019	1000	-2.60	-2.62	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-56-10	10/17/2019	1203	-1.50	-1.54	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	11/21/2019	1022	-1.73	-1.73	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-56-10	12/12/2019	1027	-1.83	-1.62	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-56-25	1/17/2019	1142	-6.24	-5.79	0.0	0	0.2	20.7	1.8	5.3	0.0	5.3	
VMP-56-25	2/14/2019	1044	-5.32	-5.32	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-56-25	3/21/2019	1010	-5.53	-5.41	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-56-25	4/23/2019	1057	-7.20	-7.05	0.0	0	0.5	20.4	1.3	2.8	0.0	2.8	
VMP-56-25	5/21/2019	0953	-7.92	-7.69	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-56-25	6/20/2019	0824	-6.66	-6.84	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-56-25	7/18/2019	0934	-4.94	-4.88	0.0	0	1.2	19.9	0.1	0.0	0.0	0.0	
VMP-56-25	8/22/2019	0846	-5.61	-5.54	0.0	0	1.9	19.4	0.0	0.0	0.0	0.0	
VMP-56-25	9/17/2019	1002	-5.69	-5.66	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-56-25	10/17/2019	1204	-2.71	-3.53	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-56-25	11/21/2019	1024	-3.59	-3.73	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-56-25	12/12/2019	1028	-3.53	-3.03	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-56-38 5	1/17/2019	1143	-8.65	-7.74	OVR	OVR	5.4	9.2	239	821000	4140	816860	
VMP-56-38 5	2/14/2019	1046	-7.11	-7.47	OVR	OVR	2.9	14.8	442	219000	1840	217160	
VMP-56-38 5	3/21/2019	1011	-7.34	-7.17	OVR	OVR	1.0	19.7	686	73840	530	73310	
VMP-56-38 5	4/23/2019	1059	-9.77	-9.41	OVR	OVR	2.4	17.5	337	264000	1790	262210	
VMP-56-38 5	5/21/2019	0954	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	6/20/2019	0825	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	7/18/2019	0936	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	8/22/2019	0847	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	9/17/2019	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	10/17/2019	1205	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	11/21/2019	1026	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38 5	12/12/2019	1029	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-57-5A	1/16/2019	1350	-2.27	0.23	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-57-5A	2/13/2019	1252	-0.20	-0.16	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-57-5A	3/20/2019	1404	-0.16	-0.19	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-57-5A	4/22/2019	1344	-0.14	-0.16	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-57-5A	5/20/2019	1252	-0.26	-0.28	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-57-5A	6/19/2019	1335	-0.22	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-57-5A	7/17/2019	1244	-0.92	-0.15	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-57-5A	8/21/2019	1221	-0.86	-0.31	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-57-5A	9/16/2019	1356	-0.60	-0.63	0.0	0	0.6	20.6	0.1	0.0	0.0	0.0	
VMP-57-5A	10/16/2019	1345	-0.18	-0.32	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-57-5A	11/20/2019	1365	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-5A	12/11/2019	1310	-0.28	-0.28	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-57-10	1/16/2019	1351	0.16	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-10	2/13/2019	1254	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-10-Dup	2/13/2019	1254	NM	NM	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-57-10	3/20/2019	1406	-0.29	-0.25	0.0	0	0.0	20.8	0.2	7.5	7.5	0.0	
VMP-57-10	4/22/2019	1346	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	5/20/2019	1254	0.00	0.00	0.0	0	0.2	20.4	0.3	98.1	98.1	0.0	Re-sampled due to elevated THC.
VMP-57-10	5/21/2019	1126	0.00	NM	0.0	0	0.0	20.9	1.4	3.4	3.4	0.0	Re-sample.
VMP-57-10	6/19/2019	1336	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	7/17/2019	1246	0.00	-0.12	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-57-10	8/21/2019	1222	-0.55	0.00	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-57-10	9/16/2019	1357	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10	10/16/2019	1346	-1.99	-1.67	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-57-10	11/20/2019	1357	-1.36	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-10	12/11/2019	1311	-0.32	5.58	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-57-20	1/16/2019	1352	-0.10	-0.45	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-57-20	2/13/2019	1258	-0.68	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-57-20	3/20/2019	1408	-0.28	-0.37	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-57-20-Dup	3/20/2019	1408	NM	NM	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	4/22/2019	1348	0.22	-0.17	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-57-20	5/20/2019	1256	-0.21	-0.30	0.0	0	0.4	20.6	0.8	0.0	0.0	0.0	
VMP-57-20	6/19/2019	1337	-0.46	-0.30	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-57-20	7/17/2019	1248	-2.08	-0.29	0.0	0	0.5	20.3	0.1	0.0	0.0	0.0	
VMP-57-20	8/21/2019	1223	-1.45	-0.41	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-57-20	9/16/2019	1358	-0.78	-0.34	0.0	0	0.8	20.4	0.2	0.0	0.0	0.0	
VMP-57-20	10/16/2019	1347	-0.44	-0.43	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-57-20	11/20/2019	1358	-0.79	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-57-20	12/11/2019	1312	-0.37	-0.36	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-57-20-Dup	12/11/2019	1312	NM	NM	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-58-5	1/16/2019	1331	0.26	-2.88	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-5	2/13/2019	1306	-2.19	-1.41	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-5	3/20/2019	1344	-2.73	-2.56	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5	4/22/2019	1323	-2.81	-2.72	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5-Dup	4/22/2019	1323	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-58-5	5/20/2019	1234	-3.22	-3.34	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-58-5	6/19/2019	1359	-0.88	-0.38	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	7/17/2019	1254	-2.67	-2.55	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	8/21/2019	1233	-2.83	-2.74	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-58-5-Dup	8/21/2019	1233	NM	NM	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-58-5	9/16/2019	1333	-2.61	-2.58	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-58-5	10/16/2019	1329	-2.73	-2.69	0.0	0	0.0	20.9	0.4	0.6	0.0	0.6	
VMP-58-5	11/20/2019	1409	0.21	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-5	12/11/2019	1252	-2.51	-2.45	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	1/16/2019	1332	-3.07	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	2/13/2019	1308	-2.46	-1.78	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	3/20/2019	1346	-3.44	-3.26	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-10	4/22/2019	1325	-3.68	-3.34	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-10	5/20/2019	1236	-4.06	-4.17	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-10	6/19/2019	1400	-1.01	-0.77	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	7/17/2019	1256	-3.46	-3.34	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	8/21/2019	1234	-4.26	-3.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	9/16/2019	1334	-3.87	-3.40	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	10/16/2019	1330	-3.66	-3.58	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-10	11/20/2019	1410	0.24	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-10	12/11/2019	1253	-3.24	-3.10	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-20	1/16/2019	1333	-4.19	-4.39	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-20	2/13/2019	1310	-6.38	-3.76	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-20	3/20/2019	1348	-4.19	-3.61	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-20	4/22/2019	1327	-3.52	-0.58	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-20	5/20/2019	1238	-6.99	-0.77	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-20	6/19/2019	1401	-2.40	-0.54	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-20	7/17/2019	1258	-5.07	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-20	8/21/2019	1235	-1.83	-0.38	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-20	9/16/2019	1335	-2.53	-0.26	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-20	10/16/2019	1331	-3.11	-0.42	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-20	11/20/2019	1141	-2.60	-0.84	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-20	12/11/2019	1254	-1.29	-0.34	0.0	0	0.0	20.9	0.4	0.9	0.2	0.7	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-58-30	1/16/2019	1334	-7.30	-7.64	1.8	36	11.0	4.8	246	1890	103	1787	
VMP-58-30-Dup	1/16/2019	1334	NM	NM	3.0	61	12.7	2.5	357	2940	134	2806	Duplicate sample.
VMP-58-30	2/13/2019	1312	-8.47	-6.80	7.1	OVR	13.3	0.9	431	4690	335	4355	
VMP-58-30	3/20/2019	1350	-19.90	-7.73	15.9	OVR	5.7	11.7	566	11960	4150	7810	
VMP-58-30	4/22/2019	1329	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-58-30	5/20/2019	1240	-10.39	-8.74	OVR	OVR	12.0	0.4	475	95120	33690	61430	
VMP-58-30	6/19/2019	1402	-4.16	-0.55	OVR	OVR	11.3	0.5	362	181000	54530	126470	
VMP-58-30	7/17/2019	1323	-8.23	-8.11	81.5	OVR	5.2	9.9	1082	36820	13970	22850	
VMP-58-30	8/21/2019	1236	-9.26	-8.49	OVR	OVR	12.3	1.1	1015	65470	24480	40990	
VMP-58-30	9/16/2019	1336	-8.03	-8.57	OVR	OVR	12.6	1.3	1147	127000	46880	80120	
VMP-58-30	10/16/2019	1332	-8.68	-9.08	OVR	OVR	13.1	0.7	1544	87350	32850	54500	
VMP-58-30	11/20/2019	1412	0.53	0.00	1.8	35	12.8	0.5	475	1950	239	1711	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-58-30	12/11/2019	1255	-8.17	-7.54	20.5	OVR	10.9	3.5	1038	14930	5690	9240	
VMP-59-5	1/16/2019	1308	-1.01	-1.25	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-59-5	2/13/2019	1318	-0.78	-0.99	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-59-5	3/20/2019	1328	-0.79	-1.08	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-59-5	4/22/2019	1314	-1.25	-1.23	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-59-5	5/20/2019	1220	-1.39	-1.46	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-59-5	6/19/2019	1410	-0.37	-0.26	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-59-5	7/17/2019	1304	-1.15	-1.09	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-5	8/21/2019	1247	-1.31	-1.24	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-59-5	9/16/2019	1313	-1.15	-1.10	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-59-5	10/16/2019	1310	-1.20	-1.16	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-5-Dup	10/16/2019	1310	NM	NM	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-59-5	11/20/2019	1427	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-5	12/11/2019	1238	-2.35	-1.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	1/16/2019	1309	-1.27	-1.38	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-59-10	2/13/2019	1320	-0.92	-1.08	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-59-10	3/20/2019	1329	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-10	4/22/2019	1316	-1.48	-1.32	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-59-10	5/20/2019	1222	-1.42	-1.62	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-59-10	6/19/2019	1411	-0.29	-0.23	0.0	0	0.0	20.9	0.3	1.3	0.6	0.7	
VMP-59-10	7/17/2019	1306	-1.20	-1.20	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-59-10	8/21/2019	1248	-2.71	-1.38	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	9/16/2019	1314	-1.28	-1.23	0.0	0	0.0	20.9	1.1	2.1	0.0	2.1	
VMP-59-10	10/16/2019	1311	-1.32	-1.31	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	11/20/2019	1428	1.40	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-10	12/11/2019	1239	-1.16	-1.24	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-59-20	1/16/2019	1310	-4.46	-4.70	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-59-20	2/13/2019	1322	-3.97	-3.76	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-59-20	3/20/2019	1330	-4.73	-4.46	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-59-20	4/22/2019	1318	-4.71	-4.55	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-59-20	5/20/2019	1224	-5.42	-5.48	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-59-20	6/19/2019	1412	-0.83	-0.52	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	7/17/2019	1308	-4.85	-4.80	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-59-20	8/21/2019	1249	-5.54	-5.25	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-59-20	9/16/2019	1315	-5.33	-5.25	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-59-20	10/16/2019	1312	-5.73	-5.63	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-59-20	11/20/2019	1429	0.15	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-20	12/11/2019	1240	-5.18	-5.25	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-30	1/16/2019	1311	-5.12	-5.38	0.0	0	2.6	18.4	0.2	0.0	0.0	0.0	
VMP-59-30	2/13/2019	1324	-4.53	-4.38	0.0	0	2.4	18.4	0.2	0.0	0.0	0.0	
VMP-59-30	3/20/2019	1332	-5.48	-5.15	0.0	0	2.7	18.2	0.4	0.0	0.0	0.0	
VMP-59-30	4/22/2019	1320	-5.03	-5.27	0.0	0	2.3	18.8	0.4	0.0	0.0	0.0	
VMP-59-30	5/20/2019	1226	-6.31	-6.36	0.0	0	2.6	18.0	0.2	0.0	0.0	0.0	
VMP-59-30	6/19/2019	1413	-1.12	-0.96	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-59-30	7/17/2019	1310	-5.79	-5.21	0.0	0	1.9	18.2	0.1	0.0	0.0	0.0	
VMP-59-30	8/21/2019	1250	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-30	9/16/2019	1316	-6.20	-6.01	0.0	0	1.6	19.3	0.1	0.0	0.0	0.0	
VMP-59-30	10/16/2019	1313	-6.30	-6.08	0.0	0	1.6	19.6	0.0	0.0	0.0	0.0	
VMP-59-30	11/20/2019	1430	0.00	0.00	0.0	0	1.4	19.4	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-59-30	12/11/2019	1241	-4.82	-4.34	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-60-5	1/16/2019	1144	-0.52	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	2/13/2019	1032	-0.83	-0.79	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-60-5	3/20/2019	1142	-0.67	-0.67	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-60-5	4/22/2019	1141	-0.63	-0.63	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-60-5	5/20/2019	1040	-0.44	-0.69	0.0	0	0.5	20.5	0.7	0.0	0.0	0.0	
VMP-60-5	6/19/2019	0950	-0.69	-0.50	0.0	0	0.7	20.1	0.0	0.0	0.0	0.0	
VMP-60-5	7/17/2019	1104	-0.50	-0.15	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-60-5	8/21/2019	1057	0.21	-0.65	0.0	0	1.2	19.7	0.0	0.0	0.0	0.0	
VMP-60-5	9/16/2019	1149	-0.76	-0.43	0.0	0	1.1	19.8	0.3	0.0	0.0	0.0	
VMP-60-5	10/16/2019	1140	-1.04	-0.48	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-60-5	11/20/2019	1119	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-5	12/11/2019	1136	-0.50	-0.35	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-60-10	1/16/2019	1145	-0.70	-0.37	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-60-10	2/13/2019	1034	-0.58	-0.54	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-60-10	3/20/2019	1144	-0.44	-0.42	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-60-10	4/22/2019	1143	-0.42	-0.58	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-60-10	5/20/2019	1042	-0.49	-0.61	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-60-10	6/19/2019	0951	-0.31	-0.38	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-60-10	7/17/2019	1106	-0.38	-0.36	0.0	0	1.0	19.9	0.2	0.0	0.0	0.0	
VMP-60-10	8/21/2019	1058	-0.43	0.00	0.0	0	1.0	19.9	0.1	0.0	0.0	0.0	
VMP-60-10	9/16/2019	1150	-0.34	-0.31	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-60-10	10/16/2019	1141	-0.49	-0.39	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-60-10	11/20/2019	1120	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-10	12/11/2019	1137	-0.41	-0.35	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-60-20	1/16/2019	1146	-1.01	-0.84	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-60-20	2/13/2019	1036	-1.09	-1.04	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-60-20	3/20/2019	1146	-1.03	-1.04	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-60-20	4/22/2019	1145	-1.04	-1.00	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-60-20	5/20/2019	1044	-1.41	-0.69	0.0	0	0.4	20.3	1.6	0.0	0.0	0.0	
VMP-60-20	6/19/2019	0953	-0.62	-0.89	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-60-20-Dup	6/19/2019	0953	NM	NM	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-60-20	7/17/2019	1108	-0.92	-0.94	0.0	0	1.0	19.9	0.2	0.0	0.0	0.0	
VMP-60-20	8/21/2019	1059	-0.96	-1.03	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-60-20	9/16/2019	1151	-0.69	-0.68	0.0	0	1.0	19.9	0.1	0.0	0.0	0.0	
VMP-60-20	10/16/2019	1142	-0.79	-0.88	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-60-20	11/20/2019	1121	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-20-Dup	11/20/2019	1121	NM	NM	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-20	12/11/2019	1138	-0.83	-0.76	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-60-33 5	1/16/2019	1147	-0.69	-0.53	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-60-33 5	2/13/2019	1038	-0.83	-1.12	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-60-33 5	3/20/2019	1148	-0.44	-0.84	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-60-33 5	4/22/2019	1147	-0.46	-0.75	0.0	0	0.2	20.5	0.3	0.0	0.0	0.0	
VMP-60-33 5	5/20/2019	1046	-0.86	-0.79	0.0	0	0.4	20.4	2.1	0.0	0.0	0.0	
VMP-60-33 5	6/19/2019	0954	-0.49	-0.62	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-60-33 5	7/17/2019	1110	-0.56	-0.27	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-60-33 5	8/21/2019	1100	-0.66	-0.75	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-60-33 5	9/16/2019	1152	-0.48	-0.55	0.0	0	0.9	19.8	0.2	0.0	0.0	0.0	
VMP-60-33 5	10/16/2019	1143	-0.61	-0.50	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-60-33 5	11/20/2019	1122	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-60-33 5	12/11/2019	1139	-0.42	-0.40	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-61-5	1/16/2019	1409	0.00	-0.26	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-61-5	2/13/2019	1235	-0.14	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-5	3/20/2019	1418	-0.18	-0.17	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-5	4/22/2019	1402	-0.27	-0.23	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-61-5	5/20/2019	1303	-0.34	-0.47	0.0	0	0.6	20.4	0.4	0.0	0.0	0.0	
VMP-61-5	6/19/2019	1323	-0.26	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-61-5	7/17/2019	1228	-0.20	-0.15	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-61-5	8/21/2019	1210	-0.42	-0.30	0.0	0	1.9	19.1	0.0	0.0	0.0	0.0	
VMP-61-5	9/16/2019	1418	-0.14	-0.15	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-61-5	10/16/2019	1400	-0.17	-0.17	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-61-5	11/20/2019	1314	0.21	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-61-5	12/11/2019	1324	-0.26	-0.21	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-61-10	1/16/2019	1410	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-10	2/13/2019	1238	0.00	-0.18	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-61-10	3/20/2019	1420	-0.35	-0.36	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-61-10	4/22/2019	1404	-0.50	-0.36	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-61-10	5/20/2019	1305	-0.65	-0.83	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-10	6/19/2019	1324	-0.46	-0.12	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-61-10	7/18/2019	1230	-0.43	-0.35	0.0	0	0.8	19.9	0.0	0.0	0.0	0.0	
VMP-61-10	8/21/2019	1211	-0.95	-0.54	0.0	0	1.1	19.5	0.0	0.0	0.0	0.0	
VMP-61-10	9/16/2019	1419	-0.32	-0.31	0.0	0	1.1	19.8	0.1	0.0	0.0	0.0	
VMP-61-10	10/16/2019	1401	-0.41	-0.36	0.0	0	1.2	19.8	0.0	0.0	0.0	0.0	
VMP-61-10	11/20/2019	1315	0.33	0.00	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-61-10-Dup	11/20/2019	1315	NM	NM	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	Duplicate sample. SVE System was shutdown at 1404 on 11/18/19 and was not restarted at time of sampling.
VMP-61-10	12/11/2019	1325	-0.42	-0.40	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-61-20	1/16/2019	1411	-0.39	-0.25	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-20	2/13/2019	1240	-0.79	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-61-20	3/20/2019	1422	-0.13	-0.18	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-61-20	4/22/2019	1406	0.35	-0.18	0.0	0	0.5	20.7	0.1	0.0	0.0	0.0	
VMP-61-20	5/20/2019	1307	-0.34	-0.54	0.0	0	0.6	20.4	0.7	0.0	0.0	0.0	
VMP-61-20	6/19/2019	1325	-0.26	0.00	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-61-20	7/17/2019	1232	-1.26	-0.13	0.0	0	1.6	19.1	0.0	0.0	0.0	0.0	
VMP-61-20	8/21/2019	1212	-0.41	-0.28	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-61-20	9/16/2019	1420	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-61-20	10/16/2019	1402	-0.10	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-61-20	11/20/2019	1316	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water in tedlar. Sample not screened.
VMP-61-20	12/11/2019	1326	-0.24	-0.22	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-61-30	1/16/2019	1412	-0.41	0.14	0.0	0	2.6	18.8	0.1	0.0	0.0	0.0	
VMP-61-30	2/13/2019	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/20/2019	1424	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/22/2019	1408	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/20/2019	1309	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/19/2019	1326	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/17/2019	1233	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/21/2019	1213	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2019	1421	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/16/2019	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/20/2019	1317	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/11/2019	1327	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-5	1/17/2019	0833	0.00	0.00	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-62-5	2/13/2019	1402	0.00	0.00	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-62-5	3/21/2019	0900	0.00	0.00	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-62-5	4/23/2019	0824	0.00	0.00	0.0	0	1.4	19.5	0.7	0.0	0.0	0.0	
VMP-62-5-Dup	4/23/2019	0824	NM	NM	0.0	0	1.3	19.4	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-62-5	5/20/2019	1406	0.00	-0.10	0.0	0	2.2	18.6	0.5	0.0	0.0	0.0	
VMP-62-5	6/19/2019	1507	0.00	0.00	0.0	0	3.3	17.4	0.1	0.0	0.0	0.0	
VMP-62-5	7/17/2019	1428	0.00	0.00	0.0	0	4.1	16.6	0.2	0.0	0.0	0.0	
VMP-62-5	8/22/2019	0828	0.00	0.00	0.0	0	4.2	17.0	0.0	0.0	0.0	0.0	
VMP-62-5	9/17/2019	0822	0.00	0.00	0.0	0	3.9	17.5	0.0	0.0	0.0	0.0	
VMP-62-5	10/17/2019	0912	0.00	-0.09	0.0	0	2.3	19.3	0.0	0.0	0.0	0.0	
VMP-62-5	11/21/2019	0910	0.00	0.00	0.0	0	1.3	19.5	0.0	0.0	0.0	0.0	
VMP-62-5	12/11/2019	1418	0.00	0.00	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-62-10	1/17/2019	0834	-0.13	-0.14	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-62-10	2/13/2019	1404	0.00	-0.18	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-62-10	3/21/2019	0902	-0.17	-0.13	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-62-10	4/23/2019	0826	-0.15	-0.15	0.0	0	1.2	19.5	0.3	0.0	0.0	0.0	
VMP-62-10	5/20/2019	1408	-0.16	-0.21	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-62-10	6/19/2019	1508	-0.09	-0.14	0.0	0	3.2	17.9	0.0	0.0	0.0	0.0	
VMP-62-10	7/17/2019	1430	-0.09	-0.10	0.0	0	3.8	17.2	0.1	0.0	0.0	0.0	
VMP-62-10	8/22/2019	0830	-0.11	-0.09	0.0	0	3.9	17.4	0.0	0.0	0.0	0.0	
VMP-62-10	9/17/2019	0823	-0.12	0.00	0.0	0	3.6	17.9	0.0	0.0	0.0	0.0	
VMP-62-10	10/17/2019	0913	-0.40	-0.12	0.0	0	2.7	19.0	0.0	0.0	0.0	0.0	
VMP-62-10	11/21/2019	0911	0.00	0.00	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-62-10	12/11/2019	1419	-0.16	-0.15	0.0	0	1.5	19.8	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-62-20	1/17/2019	0835	-1.49	-1.52	0.0	0	0.9	20.2	0.3	0.0	0.0	0.0	
VMP-62-20	2/13/2019	1406	-0.31	-0.80	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-62-20	3/21/2019	0904	-1.82	-1.68	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-62-20	4/23/2019	0828	-1.85	-1.71	0.0	0	0.9	19.7	0.2	4.4	4.4	0.0	
VMP-62-20	5/20/2019	1410	-1.49	-1.64	0.0	0	1.6	19.2	0.8	1.3	1.3	0.0	
VMP-62-20	6/19/2019	1509	-0.52	-1.08	0.0	0	2.6	18.3	0.0	0.0	0.0	0.0	
VMP-62-20	7/17/2019	1432	-1.32	-1.26	0.0	0	3.0	17.9	0.1	0.0	0.0	0.0	
VMP-62-20	8/22/2019	0832	-1.65	-1.56	0.0	0	3.1	18.2	0.0	0.0	0.0	0.0	
VMP-62-20	9/17/2019	0824	-1.61	-1.49	0.0	0	3.1	18.2	0.0	0.0	0.0	0.0	
VMP-62-20	10/17/2019	0914	-9.71	-1.57	0.0	0	2.6	19.0	0.0	0.0	0.0	0.0	
VMP-62-20	11/21/2019	0912	-1.33	-1.35	0.0	0	2.0	19.2	0.0	0.0	0.0	0.0	
VMP-62-20	12/11/2019	1420	-1.48	-1.44	0.0	0	1.5	19.8	0.0	4.5	4.5	0.0	
VMP-62-30	1/17/2019	0836	-4.10	-2.82	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-62-30	2/13/2019	1408	-1.20	-1.57	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-62-30	3/21/2019	0906	-3.22	-3.13	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-62-30	4/23/2019	0830	-3.36	-3.20	0.0	0	0.5	20.2	0.2	0.0	0.0	0.0	
VMP-62-30	5/20/2019	1412	-3.46	-2.97	0.0	0	0.8	19.6	0.5	0.0	0.0	0.0	
VMP-62-30	6/19/2019	1510	-0.84	-2.19	0.0	0	1.4	19.1	0.0	0.0	0.0	0.0	
VMP-62-30	7/17/2019	1434	-2.50	-2.54	0.0	0	1.7	18.9	0.1	0.0	0.0	0.0	
VMP-62-30	8/22/2019	0834	-3.14	-3.03	0.0	0	1.8	18.8	0.0	0.0	0.0	0.0	
VMP-62-30	9/17/2019	0825	-3.04	-2.82	0.0	0	2.0	19.1	0.0	0.0	0.0	0.0	
VMP-62-30	10/17/2019	0915	-9.28	-2.89	0.0	0	1.8	19.8	0.0	0.0	0.0	0.0	
VMP-62-30-Dup	10/17/2019	0915	NM	NM	0.0	0	1.7	19.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-30	11/21/2019	0913	-2.57	-2.55	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-62-30	12/11/2019	1421	-2.71	-2.68	0.0	0	1.0	20.2	0.0	0.0	0.0	0.0	
VMP-63-5	1/17/2019	0807	-0.42	-0.47	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	2/13/2019	1344	-0.26	-0.28	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	3/21/2019	0824	-0.55	-0.53	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-63-5	4/23/2019	0755	-0.50	-0.41	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	5/20/2019	1340	-0.50	-0.45	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-63-5	6/19/2019	1447	0.00	0.00	0.0	0	0.2	20.5	0.0	0.0	0.0	0.0	
VMP-63-5	7/17/2019	1358	-0.24	-0.29	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-63-5	8/22/2019	0812	-0.13	-0.28	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	9/16/2019	1503	-0.31	-0.28	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	10/17/2019	0834	-0.32	-0.28	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	11/21/2019	0845	-0.40	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	12/11/2019	1405	-0.29	-0.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-63-10	1/17/2019	0808	-0.75	-0.76	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-10	2/13/2019	1346	-0.63	-0.68	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-10	3/21/2019	0826	-1.54	-1.49	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-10	4/23/2019	0757	-1.74	-0.38	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-63-10	5/20/2019	1342	-1.35	-1.20	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-63-10	6/19/2019	1448	-0.10	-0.58	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	7/17/2019	1400	-0.54	-0.52	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-63-10	8/22/2019	0814	-0.62	-0.60	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-63-10	9/16/2019	1504	-0.56	-0.53	0.0	0	0.3	20.8	0.1	0.0	0.0	0.0	
VMP-63-10	10/17/2019	0835	-0.60	-0.56	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	11/21/2019	0846	-0.45	-0.43	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	12/11/2019	1406	-0.54	-0.60	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-20	1/17/2019	0809	-1.89	-2.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-63-20	2/13/2019	1348	-1.25	-1.31	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-63-20	3/20/2019	0828	-2.54	-2.47	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-20	4/23/2019	0757	-2.77	-2.65	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-63-20	5/20/2019	1344	-2.67	-2.41	0.0	0	0.2	20.4	0.9	0.0	0.0	0.0	
VMP-63-20	6/19/2019	1449	-0.25	-1.61	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-63-20	7/17/2019	1402	-1.81	-2.08	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-63-20-Dup	7/17/2019	1402	NM	NM	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	8/22/2019	0816	-2.19	-2.14	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-63-20	9/16/2019	1505	-1.80	-1.85	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-63-20	10/17/2019	0836	-2.08	-2.08	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-63-20	11/21/2019	0847	-1.64	-1.65	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-20	12/11/2019	1407	-1.70	-1.80	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-30	1/17/2019	0810	-1.89	-2.40	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-63-30	2/13/2019	1350	-1.12	-1.55	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-63-30	3/21/2019	0830	-2.86	-2.82	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-63-30	4/23/2019	0801	-1.59	-2.97	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-63-30-Dup	4/23/2019	0801	-1.59	2.97	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	5/20/2019	1346	-3.00	-2.71	0.0	0	0.3	20.4	0.6	0.0	0.0	0.0	
VMP-63-30	6/19/2019	1450	-0.33	-1.88	0.0	0	0.6	20.0	0.1	0.0	0.0	0.0	
VMP-63-30	7/17/2019	1404	-2.09	-2.08	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-63-30	8/22/2019	0818	-2.51	-2.45	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	
VMP-63-30	9/16/2019	1506	-2.09	-2.08	0.0	0	1.2	20.0	0.2	0.0	0.0	0.0	
VMP-63-30	10/17/2019	0837	-2.91	-2.25	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	11/21/2019	0848	-1.91	-1.95	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-63-30-Dup	11/21/2019	0848	NM	NM	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	12/11/2019	1408	-1.99	-2.10	0.0	0	0.6	20.6	0.0	0.0	0.0	0.0	
VMP-63-30-Dup	12/11/2019	1408	NM	NM	0.0	0	0.5	20.7	0.0	0.0	0.0	0.0	Duplicate sample.

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-64-5	1/16/2019	1437	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-64-5	2/14/2019	0804	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-64-5	3/21/2019	0810	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-64-5-Dup	3/21/2019	0810	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-64-5	4/22/2019	1426	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-64-5	5/20/2019	1326	0.00	-0.15	0.0	0	1.1	19.4	0.4	0.0	0.0	0.0	
VMP-64-5	6/19/2019	1432	0.00	0.00	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-64-5	7/17/2019	1345	0.00	0.00	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-64-5	8/21/2019	1300	0.00	0.00	0.0	0	0.2	20.4	0.0	0.0	0.0	0.0	
VMP-64-5	9/16/2019	1449	-0.54	0.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-64-5-Dup	9/16/2019	1449	NM	NM	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-64-5	10/16/2019	1436	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-64-5	11/21/2019	0833	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-64-5	12/11/2019	1336	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-64-10	1/16/2019	1438	0.00	-0.16	0.0	0	1.4	19.9	0.2	0.0	0.0	0.0	
VMP-64-10	2/14/2019	0806	0.00	0.00	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-64-10	3/21/2019	0812	-0.44	-0.44	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-64-10	4/22/2019	1428	0.26	-0.18	0.0	0	0.8	20.0	0.2	0.0	0.0	0.0	
VMP-64-10	5/20/2019	1328	-0.45	-0.32	0.0	0	1.2	19.3	0.3	0.0	0.0	0.0	
VMP-64-10	6/19/2019	1433	0.00	-0.21	0.0	0	2.2	18.3	0.1	0.0	0.0	0.0	
VMP-64-10	7/17/2019	1347	-0.13	-0.13	0.0	0	3.0	17.4	0.1	0.0	0.0	0.0	
VMP-64-10	8/21/2019	1301	-0.18	-0.14	0.0	0	4.1	16.1	0.0	0.0	0.0	0.0	
VMP-64-10	9/16/2019	1450	0.00	0.00	0.0	0	3.8	16.8	0.2	0.0	0.0	0.0	
VMP-64-10	10/16/2019	1437	-0.17	-0.42	0.0	0	3.3	17.8	0.1	0.0	0.0	0.0	
VMP-64-10	11/21/2019	0834	-0.11	0.00	0.0	0	3.4	18.1	0.0	0.0	0.0	0.0	
VMP-64-10	12/11/2019	1337	-0.24	-0.13	0.0	0	2.1	19.4	0.0	0.0	0.0	0.0	
VMP-64-20	1/16/2019	1439	-0.44	-0.32	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-64-20	2/14/2019	0808	-0.83	-0.20	0.0	0	1.8	19.1	0.0	0.0	0.0	0.0	
VMP-64-20-Dup	2/14/2019	0808	NM	NM	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	3/21/2019	0814	-0.73	-0.71	0.0	0	1.5	19.9	0.1	0.0	0.0	0.0	
VMP-64-20	4/22/2019	1430	0.13	-0.25	0.0	0	1.9	19.2	0.4	0.0	0.0	0.0	
VMP-64-20	5/20/2019	1330	-0.65	-0.46	0.0	0	1.8	19.0	0.2	0.0	0.0	0.0	
VMP-64-20	6/19/2019	1434	0.00	-0.23	0.0	0	1.8	18.5	0.0	0.0	0.0	0.0	
VMP-64-20-Dup	6/19/2019	1434	NM	NM	0.0	0	1.8	18.6	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	7/17/2019	1349	-0.21	-0.20	0.0	0	2.7	17.4	0.1	0.0	0.0	0.0	
VMP-64-20	8/21/2019	1302	-0.58	-0.21	0.0	0	3.8	16.6	0.0	0.0	0.0	0.0	
VMP-64-20	9/16/2019	1451	0.00	-0.20	0.0	0	3.8	17.1	0.3	0.0	0.0	0.0	
VMP-64-20	10/16/2019	1438	-0.26	-0.27	0.0	0	4.0	17.0	0.0	0.0	0.0	0.0	
VMP-64-20	11/21/2019	0835	-0.20	-0.23	0.0	0	2.1	19.2	0.0	0.0	0.0	0.0	
VMP-64-20	12/11/2019	1338	-0.29	-0.25	0.0	0	2.8	18.6	0.0	0.0	0.0	0.0	

TABLE 9
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H ₂ O)	Stabilized Reading (Inches of H ₂ O)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	PID (ppmv)	THC (ppmv)	CH ₄ (ppmv)	PHC (ppmv)	
VMP-64-28	1/16/2019	1440	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/14/2019	0810	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/21/2019	0816	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/22/2019	1432	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/20/2019	1332	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/19/2019	1435	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/17/2019	1350	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/21/2019	1303	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/16/2019	1452	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/16/2019	1439	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/21/2019	0836	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/11/2019	1339	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

Notes:

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

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Acetone			Allyl chloride (3-Chloropropene)			Benzene			Bromodichloromethane			Bromoform		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	1.4	U		1.8	U		39			0.97	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	11	U		15	U		34			8	U		12	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.8	U		3.7	U		46			2	U		3	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	1.4	J		9.7	U		30			5.2	U		8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	1.6	J		9.6	U		26			5.1	U		7.9	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	5.6	U		7.4	U		39			4	U		6.2	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	14	U		19	U		24			10	U		16	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1.4	U		1.8	U		14			1	U		1.5	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.9	U		2.5	U		10			1.3	U		2	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1.4	U		1.9	U		10			1	U		1.6	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2.8	U		3.7	U		16			2	U		3.1	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2.8	U		3.8	U		16			2	U		3.1	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	1.4	U		1.8	U		24			0.97	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	24	U		32	U		18			17	U		26	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2.8	U		3.7	U		21			2	U		3.1	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	4.3	J		32	U		26			17	U		26	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	23	U		31	U		27			16	U		25	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	5.6	U		7.4	U		43			4	U		6.2	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	2.1	J		15	U		16			7.9	U		12	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.9	U		2.5	U		13			1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.26	J		2	U		11			1.1	U		1.7	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1.2	U		1.6	U		10			0.85	U		1.3	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1.5	U		2	U		10			1	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1.4	U		1.9	U		12			1	U		1.6	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.18			0.053	U		0.21			0.028	U		0.044	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.53			0.076	U		0.4			0.04	U		0.062	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	1.1			0.15	U		0.41			0.081	U		0.12	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.38			0.071	U		0.1			0.038	U		0.058	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	5.1	E	J	0.048	U		0.083			0.026	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	7.1			0.19	U		0.32			0.1	U		0.16	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	7.3			0.24	U		0.15			0.13	U		0.2	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	4			0.1	U		0.33			0.055	U		0.085	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	5.7	E	J	0.056	U		0.1			0.03	U		0.046	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	5.3	E	J	0.05	U		0.1			0.027	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	6.2			0.16	U		0.13			0.088	U		0.14	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	3.2			0.18	U		0.17			0.098	U		0.15	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Bromomethane			1,3-Butadiene			Butane			2-Butanone			Carbon disulfide		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	2.3	U		0.32	U		160			1.7	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	18	U		2.6	U		180			14	U		15	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	4.5	U		0.65	U		270			3.4	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	12	U		1.7	U		220			9.1	U		9.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	12	U		1.7	U		210			9	U		9.5	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	9.2	U		1.3	U		350			7	U		7.4	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	24	U		3.4	U		160			18	U		19	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	2.3	U		0.33	U	UJ	120			1.8	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	3.1	ND,UJ	UJ	0.44	U		120			2.3	U		2.5	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	2.3	U	UJ	0.33	U		94			1.8	U		1.9	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	4.6	U		0.66	U		1000			3.5	U		3.7	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	4.7	U		0.66	U		980			3.5	U		3.7	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	2.3	U		0.32	U		400			1.7	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	39	U		5.6	U		410			30	U		31	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	4.6	U		0.66	U		630			3.5	U		3.7	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	40	U		5.6	U		840			30	U		32	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	38	U		5.4	U		770			29	U		31	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	9.2	U		1.3	U		860			7	U		7.4	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	18	U		2.6	U		370			14	U		15	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	3.1	U		0.44	U	UJ	270			2.3	U		2.5	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	2.5	ND,UJ	UJ	0.36	U		360			1.9	U		2	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	2	U	UJ	0.28	U		320			1.5	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	2.4	U		0.34	U		320			1.8	U		1.9	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	2.3	U		0.33	U		360			1.8	U		1.9	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.16	U		0.0093	U		0.9			0.018	J		0.052	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.23	U		0.0054	J		2.3			0.063	J		0.075	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.47	U		0.027	U		3.9			0.094	J		0.15	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.22	U		0.012	U		3.1			0.043	J		0.07	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.15	U		0.0084	U		1.8			0.67			0.047	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.59	U		0.034	U		4.9			1.1			0.19	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.76	U		0.043	U		2.8			1.2			0.24	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.32	U		0.0074	J		2.8			0.74			0.1	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.17	U		0.0099	U		2.9			1.2			0.056	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.16	U		0.0089	U		1.8			1.1			0.034	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.51	U		0.029	U		5.1			0.96			0.16	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.57	U		0.032	U		6.1			0.56			0.18	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.92	U		0.67	U		1.2	U		1.5	U		0.71	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	7.5	U		5.5	U		10	U		12	U		5.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.8	U		1.3	U		2.5	U		3.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.9	U		3.6	U		6.6	U		8.2	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.8	U		3.5	U		6.5	U		8.1	U		3.7	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.7	U		2.7	U		5.1	U		6.3	U		2.9	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	9.6	U		7	U		13	U		16	U		7.4	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.93	U		0.68	U		1.3	U		1.6	U		0.72	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.2	U		0.91	U		1.7	U		2.1	U		0.24	J	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.95	U		0.7	U		1.3	U		1.6	ND,UJ	UJ	0.74	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.9	U		1.4	U		2.5	U		3.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.9	U		1.4	U		2.6	U		3.2	U		1.5	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.92	U		0.67	U		1.2	U		1.5	U		0.71	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	16	U		12	U		21	U		26	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.9	U		1.4	U		2.5	U		3.1	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	16	U		12	U		22	U		27	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	15	U		11	U		21	U		26	U		12	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.7	U		2.7	U		5.1	U		6.3	U		2.9	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	7.4	U		5.4	U		10	U		12	U		5.8	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.2	U		0.91	U		1.7	U		2.1	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	1	U		0.74	U		1.4	U		1.7	U		0.41	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.8	U		0.58	U		1.1	U		1.3	ND,UJ	UJ	0.62	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.98	U		0.72	U		1.3	U		1.6	U		0.76	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.95	U		0.69	U		1.3	U		1.6	U		0.73	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.026	U		0.019	U		0.036	U		0.044	U		0.0027	J	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.038	U		0.028	U		0.052	U		0.064	U		0.03	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.076	U		0.056	U		0.1	U		0.13	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.036	U		0.026	U		0.048	U		0.06	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.024	U		0.018	U		0.032	U		0.04	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.096	U		0.07	U		0.13	U		0.16	U		0.074	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.12	U		0.09	U		0.16	U		0.2	U		0.095	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.052	U		0.038	U		0.07	U		0.087	U		0.04	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.028	U		0.021	U		0.038	U		0.047	U		0.007	J	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.025	U		0.018	U		0.034	U		0.042	U		0.02	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.083	U		0.061	U		0.11	U		0.14	U		0.064	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.092	U		0.067	U		0.12	U		0.15	U		0.071	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Chloromethane			alpha-Chlorotoluene			Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	1.2	U		0.75	U		25			1.1	U		0.87	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	9.8	U		25	U		25			9.1	U		7.2	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.4	U		1.5	U		32			2.2	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	6.4	U		4	U		25			6	U		4.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	6.3	U		4	U		23			5.9	U		4.6	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	4.9	U		3.1	U		36			4.6	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	12	U		7.9	U		14			12	U		9.1	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1.2	U	UJ	0.77	U		10			1.1	U		0.89	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.6	U		1	U		6.8			1.5	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1.2	U		0.78	U		6.2			1.2	U		0.91	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2.4	U		1.5	U		7.6			2.3	U		1.8	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2.5	U		1.6	U		12			2.3	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	1.2	U		0.75	U		35			1.1	U		0.87	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	21	U		52	U		29			19	U		15	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2.4	U		1.5	U		34			2.3	U		1.8	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	21	U		13	U		39			20	U		15	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	20	U		13	U		44			19	U		15	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	4.9	U		3.1	U		71			4.6	U		3.6	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	9.8	U		6.1	U		27			9.1	U		7.1	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.6	U	UJ	1	U		27			1.5	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	1.3	U		0.83	U		27			1.2	U		0.97	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	1	U		0.65	U		22			0.97	U		0.76	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1.3	U		0.81	U		20			1.2	U		0.94	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1.2	U		0.78	U		24			1.2	U		0.9	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.087	U		0.022	U		0.096			0.032	U		0.025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.12	U		0.031	U		0.18			0.046	U		0.036	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.25	U		0.063	U		0.21			0.093	U		0.073	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.12	U		0.029	U		0.12			0.043	U		0.034	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.079	U		0.02	U		0.076			0.029	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.31	U		0.079	U		0.49			0.12	U		0.092	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.4	U		0.1	U		0.25			0.15	U		0.12	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.015	J		0.043	ND,UJ	UJ	0.19			0.063	U		0.05	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.093	U		0.023	U		0.21			0.034	U		0.027	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.083	U		0.021	U		0.17			0.031	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.27	ND,UJ	UJ	0.068	U		0.11			0.1	U		0.079	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.3	U		0.076	U		0.29			0.11	U		0.088	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.87	U		0.87	U		0.72	U		0.59	U		0.59	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	7.2	U		7.2	U		5.9	U		4.8	U		4.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.8	U		1.8	U		1.4	U		1.2	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.6	U		4.6	U		3.8	U		3.1	U		3.1	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.6	U		4.6	U		3.8	U		3.1	U		3.1	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.6	U		3.6	U		2.9	U		2.4	U		2.4	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	9.1	U		9.1	U		7.5	U		6.2	U		6.2	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.89	U		0.89	U		0.73	U		0.6	U		0.6	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.2	U		1.2	U		0.98	U		0.8	U		0.8	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.91	U		0.91	U		0.75	U		0.61	U		0.61	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.8	U		1.8	U		1.5	U		1.2	U		1.2	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.8	U		1.8	U		1.5	U		1.2	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.87	U		0.87	U		0.72	U		0.59	U		0.59	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	15	U		15	U		12	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.8	U		1.8	U		1.5	U		1.2	U		1.2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	15	U		15	U		13	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	15	U		15	U		12	U		10	U		10	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.6	U		3.6	U		2.9	U		2.4	U		2.4	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	7.1	U		7.1	U		5.9	U		4.8	U		4.8	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.2	U		1.2	U		0.98	U		0.8	U		0.8	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.97	U		0.97	U		0.8	U		0.65	U		0.65	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.76	U		0.76	U		0.62	U		0.51	U		0.51	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.94	U		0.94	U		0.77	U		0.63	U		0.63	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.9	U		0.9	U		0.74	U		0.61	U		0.61	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.025	U		0.025	U		0.021	U		0.017	U		0.017	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.036	U		0.036	U		0.03	U		0.024	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.073	U		0.073	U		0.06	U		0.049	U		0.049	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.034	U		0.034	U		0.028	U		0.023	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.023	U		0.023	U		0.019	U		0.015	U		0.015	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.092	U		0.092	U		0.075	U		0.062	U		0.062	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.12	U		0.12	U		0.096	U		0.079	U		0.079	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.05	U		0.05	U		0.041	U		0.033	U		0.033	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.027	U		0.027	U		0.022	U		0.018	U		0.018	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.024	U		0.024	U		0.02	U		0.016	U		0.016	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.079	U		0.079	U		0.065	U		0.053	U		0.053	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.088	U		0.088	U		0.072	U		0.059	U		0.059	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	4.7	U		4.7	U		4.7	U		16	U		5.5	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.2	U		1.2	U		1.2	U		4.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.1	U		3.1	U		3.1	U		11	U		3.6	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3	U		3	U		3	U		11	U		3.5	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.4	U		2.4	U		2.4	U		8.3	U		2.7	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	6	U		6	U		6	U		21	U		7	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.59	U		0.59	U		0.59	U		2.1	U		0.69	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.79	U		0.79	U		0.79	U		2.8	U		0.92	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.6	U		0.6	U		0.6	U		2.1	U		0.7	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.2	U		1.2	U		1.2	U		4.1	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.2	U		1.2	U		1.2	U		4.2	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.58	U		0.58	U		0.58	U		2	U		0.67	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	10	U		10	U		10	U		35	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.2	U		1.2	U		1.2	U		4.1	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	10	U		10	U		10	U		35	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	9.8	U		9.8	U		9.8	U		34	U		11	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.4	U		2.4	U		2.4	U		8.3	U		2.7	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	4.7	U		4.7	U		4.7	U		16	U		5.5	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.78	U		0.78	U		0.78	U		2.8	U		0.92	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.64	U		0.64	U		0.64	U		2.2	U		0.74	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.5	U		0.5	U		0.5	U		1.8	U		0.58	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.62	U		0.62	U		0.62	U		2.2	U		0.72	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.6	U		0.6	U		0.6	U		2.1	U		0.7	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.017	U		0.017	U		0.017	U		0.15	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.024	U		0.024	U		0.024	U		0.21	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.048	U		0.048	U		0.048	U		0.42	U		0.056	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.022	U		0.022	U		0.022	U		0.2	U		0.026	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.015	U		0.015	U		0.015	U		0.13	U		0.018	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.06	U		0.06	U		0.06	U		0.53	U		0.07	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.077	U		0.077	U		0.077	U		0.68	U		0.09	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.033	U		0.033	U		0.033	U		0.29	U		0.038	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.018	U		0.018	U		0.018	U		0.16	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.016	U		0.016	U		0.016	U		0.14	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.052	U		0.052	U		0.052	U		0.46	U		0.061	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.058	U		0.058	U		0.058	U		0.51	U		0.067	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane			Ethanol			Ethylbenzene		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.66	U		0.66	U		2.1	U		1.1	U		2.4		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	5.4	U		5.4	U		17	U		9	U		1.8	J	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.3	U		1.3	U		4.2	U		2.2	U		4.3		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.5	U		3.5	U		11	U		5.8	U		1.4	J	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3.5	U		3.5	U		11	U		5.8	U		1.6	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.7	U		2.7	U		8.6	U		4.5	U		4.7		
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	6.9	U		6.9	U		22	U		11	U		1.6	J	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.67	U		0.67	U		2.1	U		1.1	U		0.86		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.9	U		0.9	U		2.9	U		1.5	U		0.28	J	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.68	U		0.68	U		2.2	U		1.1	U		0.53	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.4	U		1.4	U		4.3	U		2.2	U		1.6		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.4	U		1.4	U		4.3	U		2.3	U		1.7		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.66	U		0.66	U		2.1	U		1.1	U		5.7		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	11	U		11	U		36	U		19	U		3.1	J	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.4	U		1.4	U		4.3	U		2.2	U		3.9		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	12	U		12	U		37	U		19	U		3.1	J	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	11	U		11	U		35	U		18	U		4.2	J	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.7	U		2.7	U		8.6	U		4.5	U		19		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	5.4	U		5.4	U		17	U		8.9	U		3.7	J	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.9	U		0.9	U		2.8	U		1.5	U		4		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.73	U		0.73	U		2.3	U		1.2	U		3.3		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.57	U		0.57	U		1.8	U		0.95	U		3		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.71	U		0.71	U		2.2	U		1.2	U		3.1		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.68	U		0.68	U		2.2	U		1.1	U		3.1		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.019	U		0.019	U		0.061	U		0.032	U		0.015	J	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.027	U		0.027	U		0.087	U		0.046	U		0.041		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.055	U		0.055	U		0.17	U		0.091	U		0.042	J	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.026	U		0.026	U		0.081	U		0.042	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.017	U		0.017	U		0.055	U		0.11			0.016	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.069	U		0.069	U		0.22	U		0.12			0.1		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.088	U		0.088	U		0.28	U		0.15			0.05	J	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.037	U		0.037	U		0.12	U		0.1			0.043		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.02	U		0.02	U		0.065	U		0.11			0.025		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.018	U		0.018	U		0.058	U		0.069	J0	J	0.036		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.06	U		0.06	U		0.19	U		0.097	J	J	0.024	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.066	U		0.066	U		0.21	U		0.11	U	UJ	0.05	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.51	J		1.1	U		1	U		21			6.2	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	5.8	U		9.1	U		8.3	U		23			51	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.81	J		2.2	U		2	U		31			12	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	3.8	U		5.9	U		5.4	U		22			33	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	3.8	U		5.9	U		5.3	U		20			33	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.9	U		4.6	U		4.2	U		28			25	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	7.5	U		12	U		11	U		14			65	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.22	J		1.1	U		1	U		9.8			6.3	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.98	U		1.5	U		1.4	U		5.4			8.5	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.74	U		1.2	U		1	U		5.8			6.4	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.45	J		2.3	U		2.1	U		8.9			13	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.47	J		2.3	U		2.1	U		12			13	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.98			1.1	U		1	U		31			6.2	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	12	U		19	U		18	U		33			110	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.5	J		2.3	U		2.1	U		35			13	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	12	U		20	U		18	U		41			110	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	12	U		19	U		17	U		40			100	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.8	J		4.6	U		4.2	U		68			25	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	5.8	U		9.1	U		8.3	U		25			50	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.74	J		1.5	U		1.4	U		24			8.4	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.64	J		1.2	U		1.1	U		21			6.9	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.76			0.97	U		0.88	U		21			5.4	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.54	J		1.2	U		1.1	U		21			6.6	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.59	J		1.2	U		1	U		21			6.4	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.021	U		0.032	U		0.029	U		0.13			0.18	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.016	J		0.046	U		0.042	U		0.29			0.26	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.059	U		0.093	U		0.084	U		0.26			0.52	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.028	U		0.043	U		0.039	U		0.15			0.24	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.019	U		0.029	U		0.027	U		0.15			0.16	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.075	U		0.12	U		0.11	U		0.6			0.65	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.096	U		0.15	U		0.14	U		0.3			0.83	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.018	J		0.063	U		0.058	U		0.29			0.35	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.022	U		0.034	U		0.031	U		0.23			0.19	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.021			0.031	U		0.028	U		0.25			0.17	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.011	J		0.1	U		0.092	U		0.16			0.56	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.014	J		0.11	U		0.1	U		0.35			0.62	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Hexane			2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	67			2.4	U		520			2.3			0.6	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	68			19	U		440			1.2	J		19	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	89			4.8	U		760			2			1.2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	75			13	U		550			1.2	J		3.2	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	59			12	U		520			1.2	J		3.1	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	100			9.7	U	UJ	940			3.6			2.4	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	54			25	U		360			7.5	U		6.2	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	39			2.4	U		400			0.9			0.61	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	64			3.2	U		840			0.48	J		0.81	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	66			2.5	U	UJ	720			0.44	J		0.62	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	85			4.9	U		970			0.77	J		1.2	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	88			4.9	U		960			0.82	J		1.2	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	220			2.4	U		820			0.82			0.6	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	170			41	U		690			12	U		41	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	230			4.9	U		1100			0.46	J		1.2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	290			42	U		1300			12	U		10	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	290			40	U		1300			12	U		10	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	400			9.7	U	UJ	1400			2.6	J		2.4	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	160			19	U		540			5.8	U		4.8	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	110			3.2	U		460			0.7	J		0.81	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	130			2.6	U		750			0.77	J		0.66	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	120			2.1	U	UJ	640			0.69			0.52	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	120			2.6	U		590			0.66	J		0.64	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	140			2.5	U		570			0.75			0.62	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.41			0.069	U		2.3			0.011	J		0.017	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.98			0.099	U		4.4			0.041			0.025	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	1.3			0.2	U		7.1			0.029	J		0.05	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	1.1			0.092	U		4.4			0.028	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.75			0.078			2.6			0.019	U		0.016	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	2.9			0.13	J		9.6			0.025	J		0.062	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	1.4			0.11	J		5.9			0.096	U		0.08	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	1.3			0.077	J		4.8			0.012	J		0.034	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	1.2			0.099			5.2			0.0096	J		0.018	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.86			0.11			2.8			0.014	J		0.016	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.73			0.071	J		4.4		J	0.0094	J		0.054	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	1.9			0.046	J		7.3			0.016	J		0.06	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Methyl tert-Butyl Ether (MTBE)			2-Propanol			n-Propylbenzene			Styrene			1,1,2,2-Tetrachloroethane		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.52	U		1.4	U		3.6			0.62	U		1	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	4.3	U		12	U		2	J		5.1	U		8.2	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1	U		2.9	U		2.8			1.2	U		2	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	2.8	U		7.6	U		1.7	J		3.3	U		5.3	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	2.8	U		7.5	U		1.8	J		3.2	U		5.2	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	2.1	U		5.8	U		5.5			2.5	U		4.1	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	5.5	U		15	U		1.9	J		6.5	U		10	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.54	U		1.4	U		1.5			0.63	U		1	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.72	U		2	U		0.65	J		0.84	U		1.4	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.54	U		1.5	U		0.79			0.64	U		1	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.1	U		2.9	U		1.1	J		1.3	U		2	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.1	U		2.9	U		1.3	J		1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.52	U		1.4	U		1			0.62	U		1	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	9.1	U		25	U		12	U		11	U		17	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.1	U		2.9	U		0.52	J		1.3	U		2	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	9.2	U		25	U		12	U		11	U		18	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	8.9	U		24	U		12	U		10	U		17	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	2.1	U		5.8	U		3.5			2.5	U		4.1	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	4.3	U		12	U		0.94	J		5	U		8.1	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.71	U		1.9	U		0.86	J		0.84	U		1.4	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.58	U		1.6	U		0.81			0.68	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.46	U		1.2	U		0.78			0.54	U		0.87	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.56	U		1.5	U		0.73	J		0.66	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.076	J		1.5	U		0.88			0.64	U		1	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.061	U		0.0062	J		0.022			0.018	U		0.029	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.087	U		0.028	J		0.08			0.026	U		0.042	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.17	U		0.12	U		0.058	J		0.052	U		0.083	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.081	U		0.013	J		0.0028	J		0.024	U		0.039	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.055	U		0.082			0.019	U		0.016	U		0.026	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.22	U		0.17			0.043	J		0.065	U		0.1	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.28	U		0.19	U		0.096	U		0.083	U		0.13	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.12	U		0.064	J		0.02	J		0.035	U		0.057	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.065	U		0.058			0.015	J		0.019	U		0.031	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.058	U		0.04			0.021			0.017	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.19	U		0.068	J		0.021	J		0.056	U		0.091	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.21	U		0.043	J		0.027	J		0.062	U		0.1	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.99	U		1.5			0.3	J		4.3	U		0.79	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	8.1	U		3.5	U		2.1	J CN	J	35	U		6.5	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2	U		0.86	U		0.51	J		8.7	U		1.6	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	5.2	U		2.3	U		2.1	J CN	J	23	U		4.2	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	5.2	U		2.2	U		1.7	J CN	J	23	U		4.2	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	4	U		1.8	U		2.2	U		18	U		3.2	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	10	U		4.5	U		1.8	J CN	J	45	U		8.3	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	1	U		0.44	ND,UJ	J	0.24	J	J	4.4	U		0.81	U	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.3	U		0.58	U		0.69	J		5.9	ND,UJ	UJ	1.1	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	1	U		0.44	U		0.34	J		4.5	U		0.82	U	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	2	U		0.88	U		3.2			8.8	U		1.6	U	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	2	U		0.88	U		4.3			8.9	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.99	U		1.4			2.7			4.3	U		0.79	U	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	17	U		7.4	U		5.8	J CN	J	75	U		14	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	2	U		0.88	U		2.2			8.8	U		1.6	U	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	17	U		7.5	U		7	J CN	J	76	U		14	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	17	U		7.2	U		5.2	J CN	J	73	U		13	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	4	U		1.8	U		6.8			18	U		3.2	U	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	8	U		3.5	U		6.1	CN	J	35	U		6.5	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.3	U		0.58	ND,UJ	UJ	3		J	5.9	U		1.1	U	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	1.1	U		0.47	U		2.7			4.8	ND,UJ	UJ	0.88	U	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.47	J		0.37	U		2.8			3.8	U		0.69	U	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	1	U		0.46	U		2.8			4.6	U		0.85	U	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	1	U		0.44	U		2.3			4.5	U		0.82	U	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.028	U		0.012	U		0.0089	J		0.12	U		0.023	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.041	U		0.018	U		0.024			0.18	U		0.033	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.082	U		0.036	U		0.032	J		0.36	U		0.066	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.016	J		0.017	U		0.0064	J		0.17	U		0.031	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.026	U		0.011	U		0.013	J		0.11	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.1	U		0.045	U		0.057			0.45	U		0.083	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.13	U		0.057	U		0.05	J		0.58	U		0.11	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.056	U		0.024	U		0.031			0.24	U		0.045	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.03	U		0.013	U		0.028			0.13	U		0.024	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.027	U		0.012	U		0.029			0.12	U		0.022	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.09	U		0.039	U		0.028	J		0.39	U		0.072	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.099	U		0.043	U		0.036	J		0.43	U		0.08	U	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	1,1,2-Trichloroethane			Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.79	U		0.78	U		0.82	U		0.63	J		0.36	J	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	6.5	U		6.4	U		6.7	U		5.8	U		5.8	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	1.6	U		1.6	U		1.6	U		0.59	J		0.25	J	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	4.2	U		4.2	U		4.4	U		3.8	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	4.2	U		4.1	U		4.3	U		3.8	U		3.8	U	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	3.2	U		3.2	U		3.3	U		2.9	U		2.9	U	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	8.3	U		8.2	U		8.5	U		7.5	U		7.5	U	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.81	U		0.8	U		0.83	U		0.73	U		0.16	J	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	1.1	U		1.1	U		1.1	U		0.98	U		0.98	U	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.82	U		0.81	U		0.85	U		0.74	U		0.15	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	1.6	U		1.6	U		1.7	U		1.5	U		0.33	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.6	U		1.6	U		1.7	U		1.5	U		0.29	J	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.79	U		0.78	U		0.82	U		1.1			0.63	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	14	U		14	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	1.6	U		1.6	U		1.7	U		0.63	J		0.32	J	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	14	U		14	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	13	U		13	U		14	U		12	U		12	U	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	3.2	U		3.2	U		3.3	U		3			1.8	J	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	6.5	U		6.4	U		6.6	U		5.8	U		5.8	U	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	1.1	U		1.1	U		1.1	U		0.91	J		0.5	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.88	U		0.86	U		0.9	U		0.61	J		0.43	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.69	U		0.68	U		0.71	U		0.77			0.48	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.85	U		0.84	U		0.88	U		0.64	J		0.36	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.82	U		0.81	U		0.84	U		0.6	J		0.42	J	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.023	U		0.023	U		0.024	U		0.021	U		0.021	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.033	U		0.032	U		0.034	U		0.028	J		0.0093	J	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.066	U		0.065	U		0.068	U		0.059	U		0.059	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.031	U		0.03	U		0.032	U		0.028	U		0.028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.021	U		0.02	U		0.021	U		0.019	U		0.019	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.083	U		0.082	U		0.086	U		0.075	U		0.075	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.11	U		0.1	U		0.11	U		0.096	U		0.096	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.045	U		0.044	U		0.046	U		0.023	J		0.01	J	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.024	U		0.024	U		0.025	U		0.022	U		0.022	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.022	U		0.013	J		0.023	U		0.024			0.012	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.072	U		0.071	U		0.074	U		0.065	U		0.0093	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.08	U		0.078	U		0.082	U		0.018	J		0.012	J	

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes			TPH (C2-C10)		
			Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	280			0.37	U		2.2			0.63	U		4500		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	250			3	U		1.6	J		5.2	U		6600		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	340			0.75	U		5.7			1.3	U		5800		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	260			2	U		1.3	J		3.4	U		6600		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	250			2	U		0.93	J		3.3	U		6700		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	430			1.5	U		2.9			2.6	U		8600		J
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	230			3.9	U		1.7	J		6.6	U		6700		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	130			0.38	U		2.2			0.64	U		5000		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	110			0.51	U		1.2			0.86	U		5300		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	130			0.38	U		1.5			0.66	U		5200		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	160			0.76	U		2.9			1.3	U		8100		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	190			0.77	U		2.7			1.3	U		12000		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	290			0.37	U		6.6			0.7			5500		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	220			6.4	U		5.5	J		11	U		7200		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	290			0.76	U		5.6			0.48	J		6000		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	340			6.5	U		5.6	J		11	U		11000		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	350			6.3	U		7.3	J		11	U		13000		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	740			1.5	U		33			2.4	J		14000		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	280			3	U		5.4			5.1	U		8200		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	220			0.51	U		6			0.74	J		7700		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	300			0.41	U		4.2			0.57	J		7200		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	300			0.32	U		4.4			0.63			6400		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	280			0.4	U		4.3			0.66	J		6700		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	290			0.38	U		4.5			0.57	J		8700		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	1.3			0.011	U		0.019			0.018	U		32		
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	2.6			0.015	U		0.044			0.0065	J		56		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	2.8			0.031	U		0.058			0.052	U		66		
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	1.4			0.014	U		0.0053	J		0.024	U		55		
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	1	J0	J	0.0097	U		0.0092	J		0.016	U		59		
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	4.8			0.039	U		0.17			0.066	U		170		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	2.7			0.05	U		0.092			0.084	U		110		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	2.6			0.0044	J		0.062			0.0091	J		120		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	2.6			0.011	U		0.045			0.0083	J		92		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	2.2			0.01	U		0.066			0.01	J		81		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	1.6			0.034	U		0.034	J		0.057	U		80		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	4.4			0.037	U		0.063	J		0.0085	J		120		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Butane			Isopentane			Acetylene			C6+			Carbon Dioxide		
			Result (%)	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-010219	1/2/2019	0.0078			0.016			0.0023	U		0.043			3.7		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.012			0.021			0.0024	U		0.074			4.8		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.011			0.021			0.0023	U		0.065			4.1		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.0095			0.018			0.0025	U		0.054			4		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.011			0.019			0.0024	U		0.057			3.7		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.014			0.027			0.0024	U		0.061			3.8		
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	0.01			0.022			0.0024	U		0.042			3.9		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.0066			0.016			0.0024	U		0.029			3.5		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.0051			0.023			0.0024	U		0.027			3.3		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.0038			0.02			0.0024	U		0.024	J		3.6		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.04			0.027			0.0024	U		0.03			3.3		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.042			0.034			0.0024	U		0.041			3.8		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.019			0.023			0.0023	U		0.076			3		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.026			0.033			0.0024	U		0.094			3.3		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.025			0.029			0.0024	U		0.074			2.7		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.034			0.041			0.0026	U		0.099			2.9		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.038			0.045			0.0025	U		0.099			2.9		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.034			0.041			0.0024	U		0.098			3		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.02			0.025			0.0024	U		0.058			2.7		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.015			0.02			0.0024	U		0.05			2.7		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.015			0.02			0.0026	U		0.05			2.8		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.012			0.017			0.0025	U		0.043			2.9		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.013			0.017			0.0025	U		0.044			2.6		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.017			0.02			0.0024	U		0.064			2.8		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.00005	J		0.00009	J		0.0025	U		0.0013	J		0.75		
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.000081	J		0.00013	J		0.0024	U		0.0003	J		1.3		
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.00014	J		0.00022	J		0.0024	U		0.00049	J		1.2		
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.00013	J		0.00016	J		0.0028	U		0.028	U		1		
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.000065	J		0.000084	J		0.0027	U		0.027	U		1.1		
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.00027	J		0.00031	J		0.003	U		0.00094	J		1.4		
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.00015	J		0.00021	J		0.0029	U		0.00052	J		0.96		
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.00014	J		0.00018	J		0.0026	U		0.0007	J		1.1		
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.00012	J		0.00017	J		0.0027	U		0.0005	J		1		
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.00009	J		0.00013	J		0.0028	U		0.028	U		1.1		
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.00022	J		0.00018	J		0.0026	U		0.026	U		1.2		
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.00024	J		0.00028	J		0.0029	U		0.00067	J		1.4		

TABLE 10
SVE SYSTEM HEADER AND EXHAUST ANALYTICAL DATA

Location	Sample ID	Sample Date	Carbon Monoxide			Ethane			Ethene			Hydrogen			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
SVE Public Works Header	PW-Header-SVE-010219	1/2/2019	0.023	U		0.00011	J		0.0023	U		0.023	U		0.0007	J	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.024	U		0.00013	J		0.0024	U		0.024	U		0.00094	J	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.023	U		0.00012	J		0.0023	U		0.023	U		0.00097	J	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.025	U		0.00012	J		0.0025	U		0.025	U		0.00088	J	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.024	U		0.00013	J		0.0024	U		0.024	U		0.0014	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.024	U		0.00014	J		0.0024	U		0.024	U		0.0019	J	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	0.024	U		0.00007	J		0.0024	U		0.024	U		0.0014	J	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.001	J	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.00095	J	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.024	U		0.00012	J		0.0024	U		0.024	U		0.0012	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.024	U		0.00012	J		0.0024	U		0.024	U		0.01		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.024	U		0.000088	J		0.0024	U		0.024	U		0.0083		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.023	U		0.0001	J		0.0023	U		0.023	U		0.0021	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.024	U		0.00012	J		0.0024	U					0.0029		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.024	U		0.00012	J		0.0024	U		0.024	U		0.0027		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.026	U		0.00016	J		0.0026	U		0.026	U		0.0038		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.025	U		0.00017	J		0.0025	U		0.025	U		0.0042		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.024	U		0.00016	J		0.0024	U		0.024	U		0.0037		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.024	U		0.00013	J		0.0024	U		0.024	U		0.0022	J	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.024	U		0.000088	J		0.0024	U		0.024	U		0.0017	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.026	U		0.000077	J		0.0026	U		0.026	U		0.0017	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.025	U		0.000079	J		0.0025	U		0.025	U		0.0014	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.025	U		0.000075	J		0.0025	U		0.025	U		0.0015	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.024	U		0.000094	J		0.0024	U		0.024	U		0.0018	J	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.025	U		0.0025	U		0.0025	U		0.025	U		0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.024	U		0.0024	U		0.0024	U		0.024	U		0.0024	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.028	U		0.0028	U		0.0028	U		0.028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.03	U		0.003	U		0.003	U		0.03	U		0.003	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.029	U		0.0029	U		0.0029	U		0.029	U		0.0029	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.026	U		0.0026	U		0.0026	U		0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.027	U		0.0027	U		0.0027	U		0.027	U		0.0027	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.028	U		0.0028	U		0.0028	U		0.028	U		0.0028	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.026	U		0.0026	U		0.0026	U		0.026	U		0.0026	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.029	U		0.0029	U		0.0029	U		0.029	U		0.0029	U	

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-010219	1/2/2019	1.4			0.0023	U		78			17			0.0069		
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	2.3			0.0024	U		78			15			0.011		
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	2.1			0.0023	U		78			16			0.0096		
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	1.8			0.0025	U		78			16			0.0083		
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	1.7			0.0024	U		78			16			0.0083		
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	1.6			0.0015	J		78			16			0.016		
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	1.2			0.0019	J		80			15			0.014		
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.61			0.0015	J		80			16			0.011		
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.4			0.00036	J		80			16			0.019		
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.52			0.0004	J		80			16			0.018		
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.62			0.00054	J		80			16			0.02		
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	1.1			0.00055	J		79			16			0.023		
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.52			0.0023	U		78			18			0.012		
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.7			0.0024	U		79			17			0.016		
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.62			0.0024	U		78			18			0.015		
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.87			0.0026	U		78			18			0.02		
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	1			0.0025	U		79			17			0.022		
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	1			0.0024	U		80			16			0.02		
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.63			0.0024	U		80			17			0.012		
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.53			0.0024	U		80			17			0.0091		
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.6			0.0026	U		80			17			0.0086		
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.49			0.0025	U		80			17			0.0074		
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.51			0.0025	U		80			17			0.0075		
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.64			0.0024	U		79			17			0.0097		
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.0064			0.0025	U		79			20			0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.0092			0.0024	U		80			19			0.000062	J	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.0097			0.0024	U		79			20			0.00011	J	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.0044			0.0028	U		79			20			0.00009	J	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.0023			0.0027	U		80			19			0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.0081			0.003	U		80			19			0.00016	J	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.0049			0.0029	U		80			19			0.00011	J	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.005			0.0026	U		80			19			0.000091	J	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.005			0.0027	U		80			19			0.000074	J	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.0037			0.0028	U		80			19			0.00007	J	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0043			0.0026	U		80			19			0.0001	J	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.0089			0.0029	U		80			19			0.00014	J	

**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-010219	1/2/2019	0.0023	U	
SVE Public Works Header	PW-Header-SVE-020519	2/5/2019	0.0024	U	
SVE Public Works Header	PW-Header-SVE-030119	3/1/2019	0.0023	U	
SVE Public Works Header	PW-Header-SVE-040419	4/4/2019	0.0025	U	
SVE Public Works Header	PW-Header-SVE-050219	5/2/2019	0.000084	J	
SVE Public Works Header	PW-Header-SVE-060419	6/4/2019	0.0001	J	
SVE Public Works Header	PW-Header-SVE-070219	7/2/2019	0.000078	J	
SVE Public Works Header	PW-Header-SVE-080519	8/5/2019	0.000074	J	
SVE Public Works Header	PW-Header-SVE-090319	9/3/2019	0.00019	J	
SVE Public Works Header	PW-Header-SVE-100119	10/1/2019	0.00051	J	
SVE Public Works Header	PW-Header-SVE-110519	11/5/2019	0.00086	J	
SVE Public Works Header	PW-Header-SVE-120319	12/3/2019	0.00066	J	
SVE Refinery Header	WFL-Header-SVE-010219	1/2/2019	0.00014	J	
SVE Refinery Header	WFL-Header-SVE-020519	2/5/2019	0.00018	J	
SVE Refinery Header	WFL-Header-SVE-030119	3/1/2019	0.00018	J	
SVE Refinery Header	WFL-Header-SVE-040419	4/4/2019	0.00026	J	
SVE Refinery Header	WFL-Header-SVE-050219	5/2/2019	0.00029	J	
SVE Refinery Header	WFL-Header-SVE-060419	6/4/2019	0.00023	J	
SVE Refinery Header	WFL-Header-SVE-070219	7/2/2019	0.00014	J	
SVE Refinery Header	WFL-Header-SVE-080519	8/5/2019	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-090319	9/3/2019	0.0001	J	
SVE Refinery Header	WFL-Header-SVE-100119	10/1/2019	0.000094	J	
SVE Refinery Header	WFL-Header-SVE-110519	11/5/2019	0.000099	J	
SVE Refinery Header	WFL-Header-SVE-120319	12/3/2019	0.00011	J	
SVE RTO Exhaust	Exh-SVE-010219	1/2/2019	0.0025	U	
SVE RTO Exhaust	Exh-SVE-020519	2/5/2019	0.0024	U	
SVE RTO Exhaust	Exh-SVE-030119	3/1/2019	0.0024	U	
SVE RTO Exhaust	Exh-SVE-040419	4/4/2019	0.0028	U	
SVE RTO Exhaust	Exh-SVE-050219	5/2/2019	0.0027	U	
SVE RTO Exhaust	Exh-SVE-060419	6/4/2019	0.003	U	
SVE RTO Exhaust	Exh-SVE-070219	7/2/2019	0.0029	U	
SVE RTO Exhaust	Exh-SVE-080519	8/5/2019	0.0026	U	
SVE RTO Exhaust	Exh-SVE-090319	9/3/2019	0.0027	U	
SVE RTO Exhaust	Exh-SVE-100119	10/1/2019	0.0028	U	
SVE RTO Exhaust	Exh-SVE-110519	11/5/2019	0.0026	U	
SVE RTO Exhaust	Exh-SVE-120319	12/3/2019	0.0029	U	

Notes:**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

AECOM Qualifiers

J = Estimated detection

UJ = Estimated non-detect

U = Non-detect due to blank contamination

Figures

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

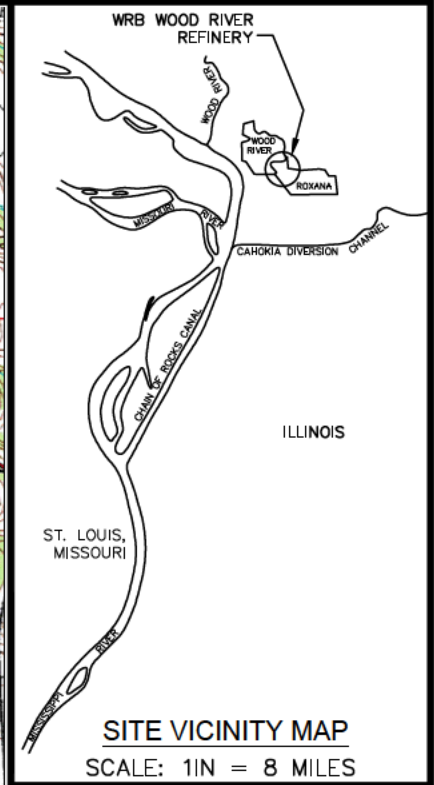
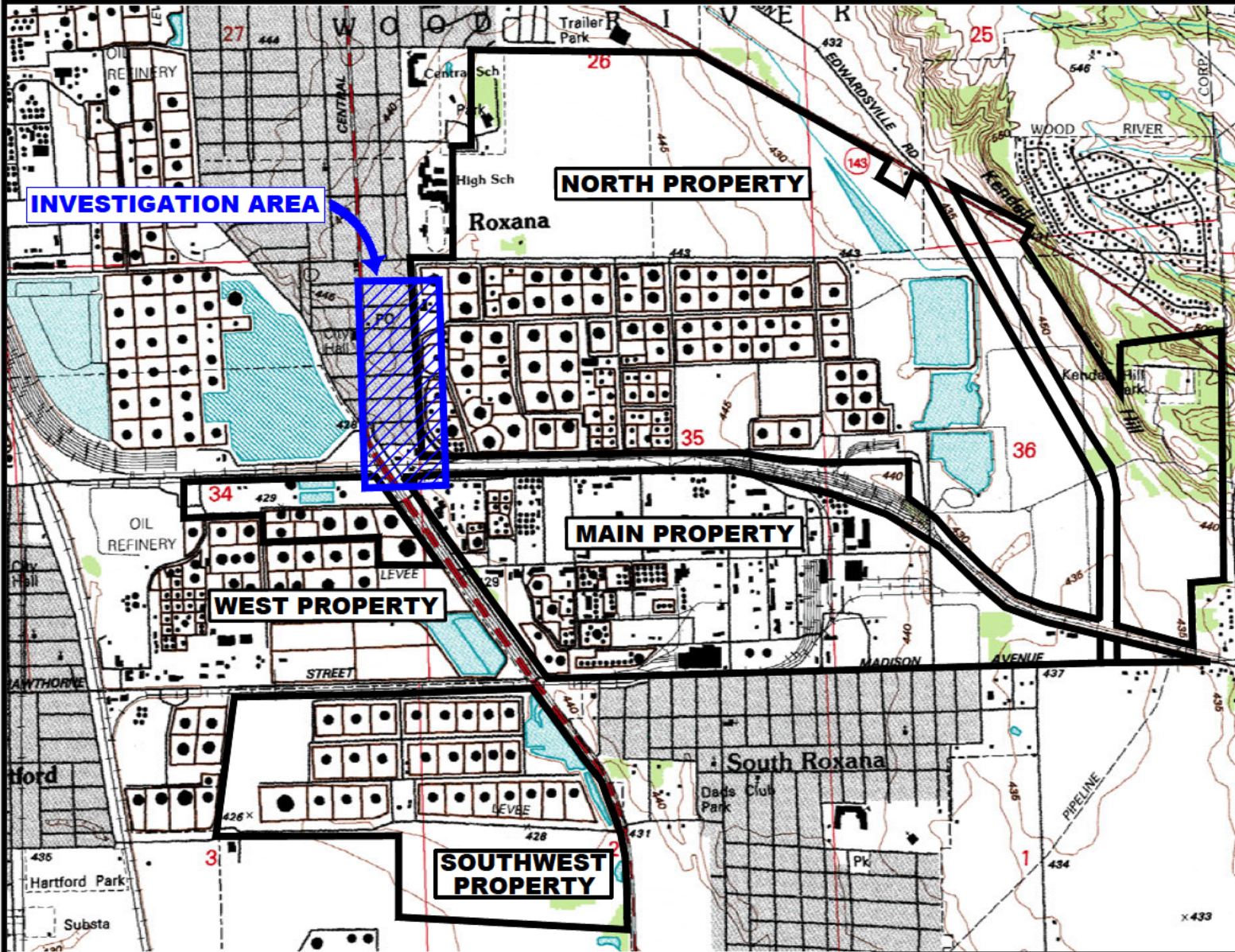
Plan View Model Output – The data input for the plan view model was not limited by depth and was modeled in three dimensions (3D). The bottom surface of the resulting model was limited to the potentiometric groundwater surface elevation. The two dimensional (2D) appearance of the figures created from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



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

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

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

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



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

CONTOUR INTERVAL = 5 FT



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

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

PROJECT NO.
60619901



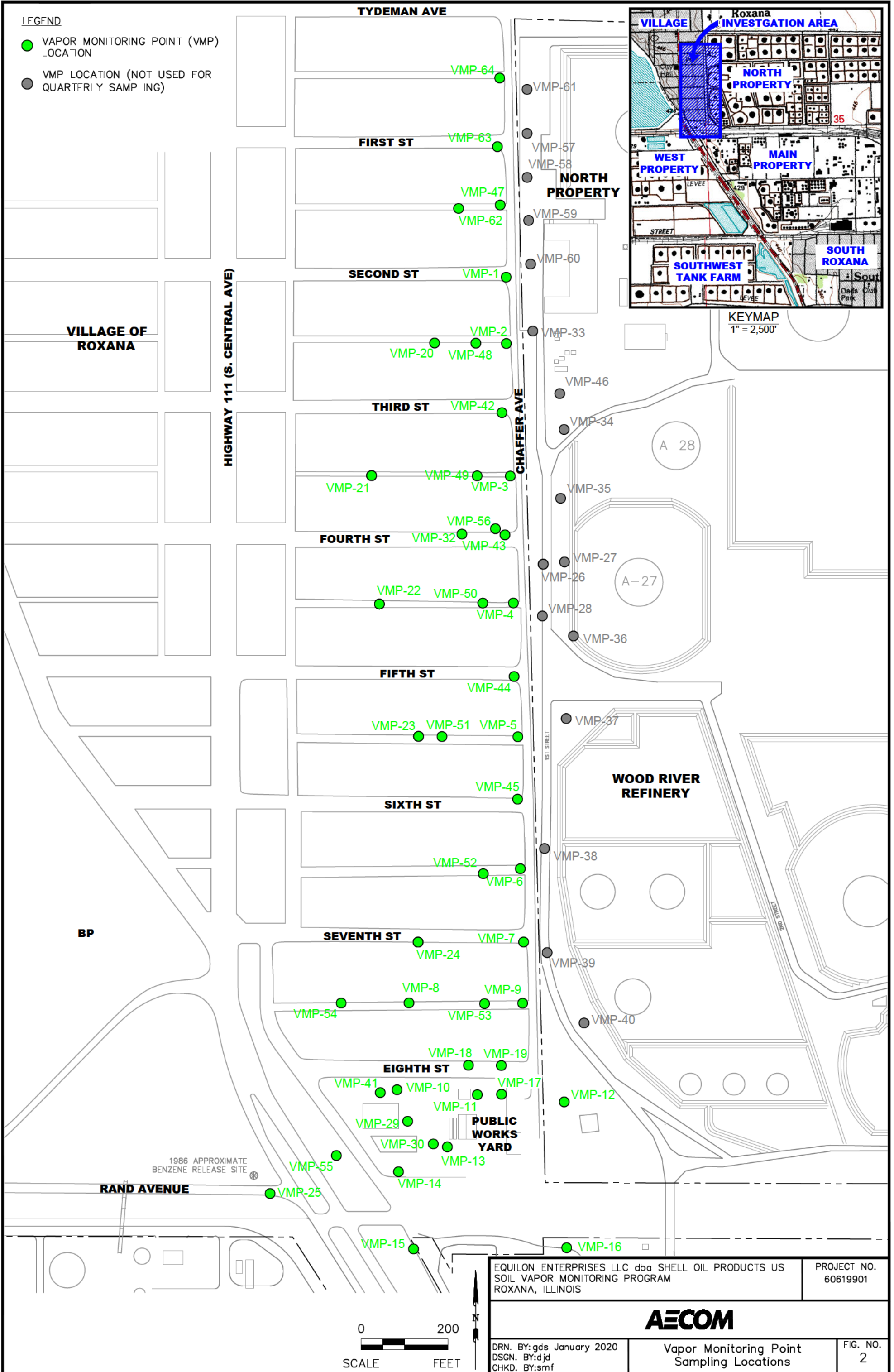
DRN. BY: gds January 2020
DSGN. BY: djd
CHKD. BY: smf

Investigation Area
Location Map

FIG. NO.
1

LEGEND

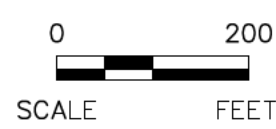
- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)



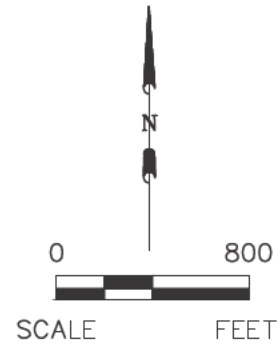
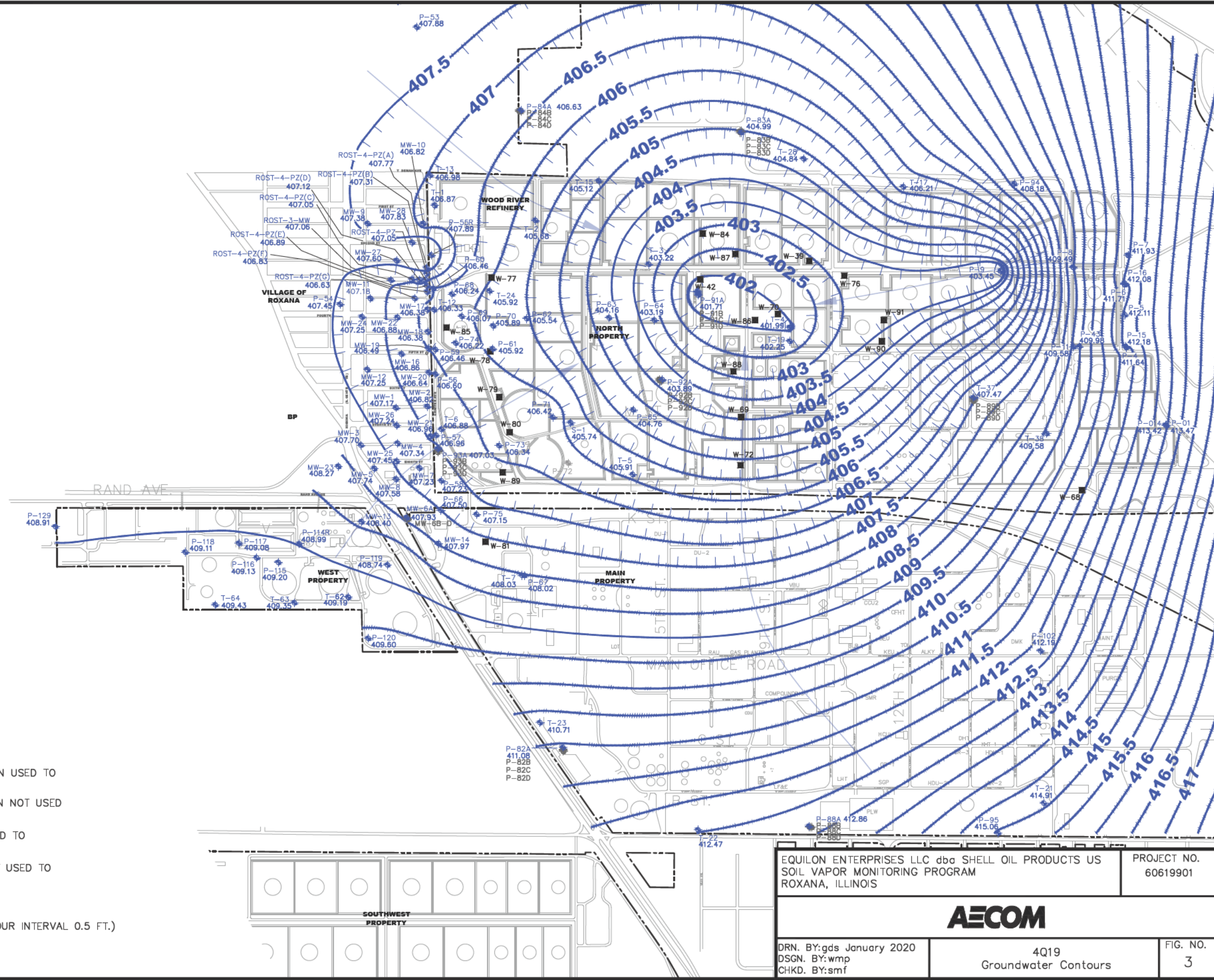
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
--	-------------------------



DRN. BY: gds January 2020 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 1-3, 2019.



LEGEND

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

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
--	-------------------------

AECOM	
DRN. BY:gds January 2020 DSGN. BY:wmp CHKD. BY:smf	4Q19 Groundwater Contours
FIG. NO. 3	

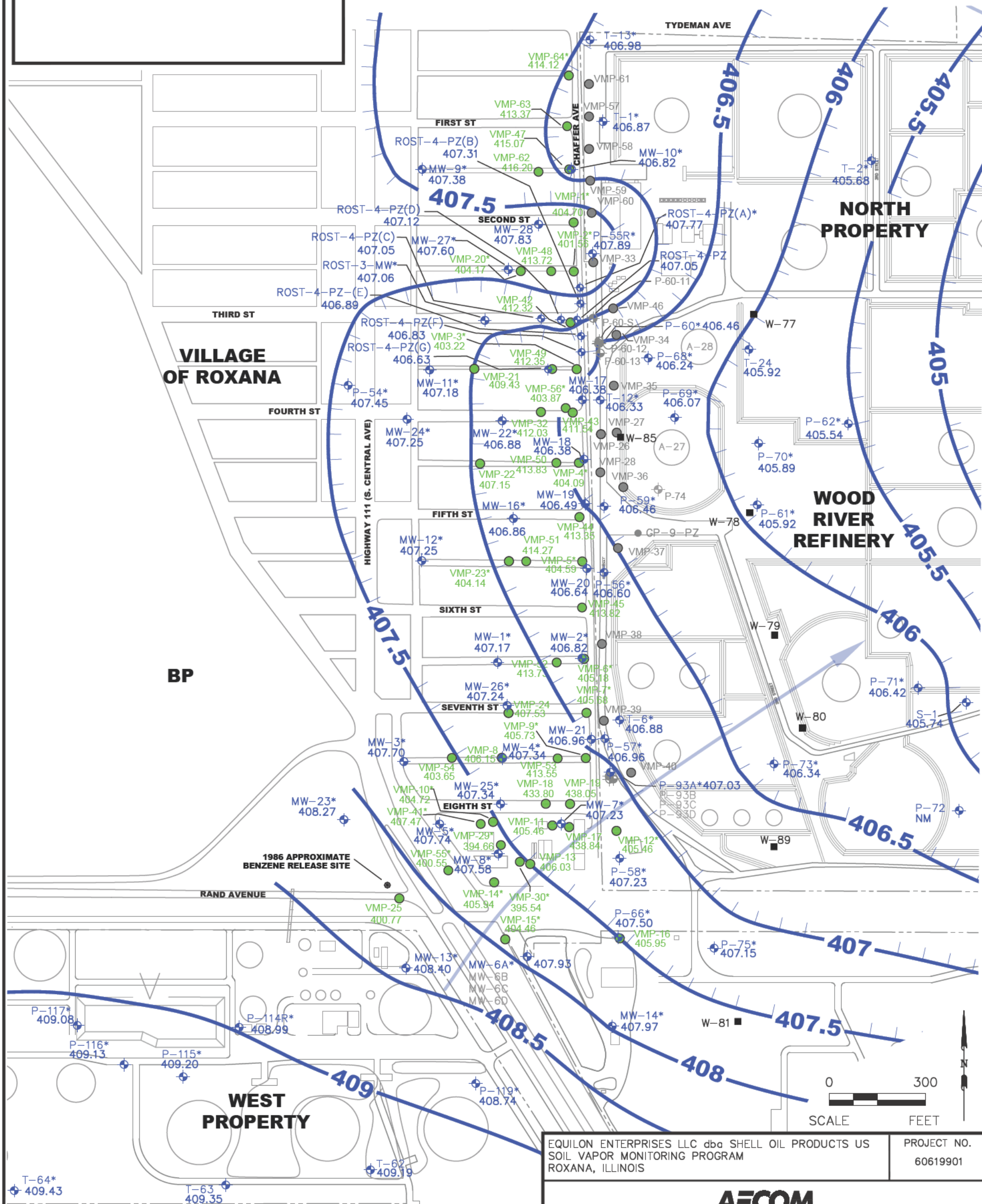
NOTES:

1. COMPREHENSIVE GROUNDWATER ELEVATIONS WERE MEASURED OCTOBER 1-3, 2019.
2. CONTOUR LINES PRIMARILY GENERATED BY SURFER VERSION 8 MODELING OF GROUNDWATER ELEVATIONS. SOME INTERPRETATION WAS DONE UTILIZING PROFESSIONAL JUDGMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
3. ELEVATIONS ARE RELATIVE TO NAVD 88.

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

LEGEND

- GROUNDWATER MONITORING WELL LOCATION USED TO GENERATE GROUNDWATER CONTOURS
- VAPOR MONITORING POINT (VMP) LOCATION (ELEVATION OF TOP OF THE DEEPEST VAPOR MONITORING POINT SCREEN)
- WRR GROUNDWATER PRODUCTION WELL
- GROUNDWATER MONITORING WELL LOCATION NOT USED TO GENERATE GROUNDWATER CONTOURS
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- 409- GROUNDWATER SURFACE CONTOUR NAVD 88 (CONTOUR INTERVAL 0.5 FT)
- GROUNDWATER GRADIENT



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds January 2020 DSGN. BY: djd CHKD. BY: smf	4Q19 Vapor Port Screen Comparison to Groundwater Elevations	FIG. NO. 4

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-63	5 ft	<0.0035	<0.0034	0.0014 J	<0.0037 / 0.001 J
	10 ft	<0.0034	<0.0034	<0.004	<0.0036
	20 ft	<0.0037	<0.0038 / <0.0038	<0.0039	<0.004
	30 ft	<0.0037	<0.0038	0.00085 J	<0.004

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-47	5 ft	<0.0036	<0.0038	<0.004	<0.004
	10 ft	<0.0038	<0.0035	<0.0041	<0.0042
	20 ft	<0.0033	<0.0034	<0.0039	<0.0041
	30 ft	Not Sampled ¹	<0.0038	<0.004	<0.0043

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-62	5 ft	<0.0037	0.00082 J	<0.0041	<0.004
	10 ft	<0.0036	<0.0043	<0.0037 / <0.0039	<0.0041
	20 ft	0.0013 J	0.00092 J	<0.0039	<0.0039
	30 ft	<0.004	<0.0038 / <0.0039	<0.0038	<0.0043

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-64	5 ft	<0.0036	<0.0037	<0.0038 / <0.0039	<0.0039
	10 ft	0.002 J	<0.0037	<0.004	<0.004
	20 ft	0.00088 J	<0.0036	<0.0042	<0.0041
	28 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)				
		1Q19	2Q19	3Q19	4Q19 (Initial Sample)	4Q19 (Re-sample)
VMP-1	5 ft	<0.0034	0.00084 J	0.0016 J	<0.004	<0.004
	8.5 ft	<0.0035	<0.0038	0.0019 J	<0.009 / <0.004	<0.004
	23.5 ft	<0.0034 / <0.0034	0.0014 J	0.0034 J	<0.0039	<0.0039
	38.5 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-48	5 ft	<0.0036	<0.0039	<0.0041	<0.004
	10 ft	<0.0035	<0.0039	0.00073 J	<0.0038
	20 ft	<0.0034	Not Sampled ¹	Not Sampled ¹	<0.0038
	30 ft	<0.0035	<0.0036	<0.004	<0.0041

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-20	5 ft	0.057 J	0.0026 J	0.0059	<0.0037
	10 ft	0.013 J	<0.0039	<0.0038	<0.0037
	25 ft	0.0012 J / 0.00084 J	<0.0038	<0.004	<0.004 / <0.0038
	39.5 ft	0.0023 J	<0.0036	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-49	5 ft	<0.0036	<0.0041	<0.004	<0.0039
	10 ft	<0.0034	0.0056	<0.0039	<0.0038
	20 ft	<0.0034	<0.0038	<0.0039	<0.0044
	30 ft	<0.0033	0.016 J / <0.0041	<0.004	<0.0042

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-21	5 ft	<0.0035	<0.0039	<0.004	<0.0046
	10 ft	<0.0037	<0.0039	<0.004 / <0.0039	<0.0038 / <0.0039
	25 ft	<0.0037	<0.0039	<0.0041	<0.0039
	33 ft	<0.0038 / 0.001 J	<0.0039	<0.0038	<0.0037

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-32	5 ft	<0.0034	0.016	<0.004 / <0.0039	<0.0039
	10 ft	<0.0034	<0.0038	<0.0039	Not Sampled ¹
	20 ft	<0.0034	0.0024 J	0.0022 J	Not Sampled ¹
	30 ft	<0.0034	0.008	0.016	<0.004

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-56	10 ft	<0.0039	0.061	0.0016 J	<0.0035
	25 ft	<0.0036 / 0.00094 J	<0.0037	<0.0039	0.0042
	38.5 ft	606	889	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-22	5 ft	<0.0037	<0.0037	<0.0042	<0.0039
	10 ft	<0.0037	Not Sampled ¹	0.0014 J	<0.004
	18 ft	<0.0035	<0.0037	<0.0042	<0.0039
	38 ft	<0.0037 / <0.004	0.0048	<0.0041	<0.0038

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-23	5 ft	<0.0036	0.005	<0.0041	<0.0037
	10 ft	0.0028 J	<0.0038	<0.0039	<0.0039
	25 ft	<0.0036	<0.0038	<0.0039	<0.0041
	40 ft	<0.0034 / <0.0035	<0.0042 / <0.004	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-51	5 ft	0.0026 J	<0.0042	<0.0041	<0.0042
	10 ft	<0.0035	0.0073	<0.0038	<0.0039
	20 ft	0.002 J	<0.0035	<0.0041	<0.004
	30 ft	<0.0034	<0.0043 / <0.0039	<0.0037	<0.0039 / <0.004

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-52	5 ft	<0.0037	<0.0038	<0.0041 / <0.004	<0.0041
	10 ft	<0.0036	Not Sampled ¹	<0.004	<0.0039
	20 ft	<0.0034 / <0.0034	<0.0041	0.0014 J	<0.0039
	30 ft	0.00088 J	<0.0042	<0.0039	<0.0039 / <0.004

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-24	5 ft	<0.0035 / <0.0037	<0.0038	Not Sampled ¹	<0.0039
	10 ft	<0.0035	<0.0038	Not Sampled ¹	<0.0038
	22 ft	<0.0036	<0.0038	Not Sampled ¹	<0.0037
	34 ft	<0.0034	<0.0038	Not Sampled ¹	<0.0035

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-54	5 ft	<0.0035	<0.0036	<0.0039	<0.0041
	10 ft	<0.0034	<0.0042	<0.0039	<0.0039
	20 ft	<0.0035	<0.0038	<0.0038	<0.0042
	30 ft	<0.0035	<0.0035	<0.004	<0.0046

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-8	5 ft	<0.0034	<0.0037	<0.0036	<0.0039
	9.5 ft	<0.0034	0.077	0.024	<0.0038
	23.5 ft	0.0018 J	<0.0037	<0.0041	<0.004
	35.5 ft	<0.0033	0.0023 J / <0.0036	0.0023 J / <0.0039	<0.0038

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-10	5 ft	<0.0034	<0.0037	<0.0036	<0.0039
	9.5 ft	<0.0034	0.077	0.024	<0.0038
	23.5 ft	0.0018 J	<0.0037	<0.0041	<0.004
	35.5 ft	<0.0033	0.0023 J / <0.0036	0.0023 J / <0.0039	<0.0038

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-14	5 ft	<0.0034	<0.0038	0.0069	<0.0038
	10 ft	<0.0035	0.037	<0.0041	<0.0044
	20 ft	<0.0038	<0.0038	0.002 J	<0.0039
	30 ft	<0.0034	<0.004	0.0017 J	<0.0038 / <0.0039

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-19	5 ft	<0.0033	<0.004 / <0.0039	<0.004	<0.004

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-18	8.5 ft	<0.0038	<0.0039	<0.004 / <0.004	<0.004 / <0.0041

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-2	5 ft	<0.0034	0.00091 J	<0.0037	<0.0037
	8.5 ft	<0.0036	0.022	<0.0043	<0.0038
	22 ft	<0.0035	<0.004 / <0.0038	<0.0039	<0.0039
	42 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-42	10 ft	<0.0035	0.032	0.021	<0.0036
	20 ft	<0.0034	<0.004	0.001 J	<0.0039
	30 ft	<0.0034	0.029	0.0045	<0.0035 / <0.0039

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-3	5 ft	<0.0037	<0.0036	<0.004	<0.004
	10 ft	<0.0039	<0.0038	<0.004 / <0.0048	<0.0047
	22 ft	0.0026 J	0.0021 J	<0.004	0.003 J
	31.5 ft	<0.0036	0.012	<0.0042	<12 / <11

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-34	5 ft	<0.0037	<0.0036	<0.004	<0.004
	10 ft	<0.0039	<0.0038	<0.004 / <0.0048	<0.0047
	22 ft	0.0026 J	0.0021 J	<0.004	0.003 J
	31.5 ft	<0.0036	0.012	<0.0042	<12 / <11

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-43	10 ft	<0.0036	<0.0038	<0.0038	<0.0037
	20 ft	<0.0034	<0.004	<0.0038	<0.0039
	30 ft	<0.0035 / <0.0036	<0.0042	<0.0039	<0.0039 / <0.0039

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-50	5 ft	0.0083	<0.0038	<0.0038	<0.0038
	10 ft	<0.0035	<0.0041	<0.0042	<0.0039
	20 ft	<0.0037	0.054	<0.0044	<0.0042
	30 ft	<0.0037 / <0.0065			

LEGEND

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

NOTES:

1. NOT SAMPLED¹ = VMP SCREEN SUBMERGED BELOW WATER TABLE OR A TEMPORARY WATER CONDITION. NO SAMPLE COLLECTED.
2. NOT SAMPLED² = EFFECTIVE 2Q18 SAMPLES ARE NO LONGER COLLECTED AT VMP-25-31 DUE TO PORT INTEGRITY.
3. NOT SAMPLED³ = VMP NOT SAMPLED DUE TO THREE CONSECUTIVE HELIUM LEAK CHECK FAILURES.
4. RESAMPLED⁴ = VMP RESAMPLED DUE TO ANOMALOUS READINGS AT THE LABORATORY.
5. MULTIPLE RESULTS (e.g., 440/410) INDICATE DUPLICATE SAMPLES.
6. J = RESULT IS ESTIMATED
 < = NOT DETECTED AT INDICATED REPORTING LIMIT. DETECTED RESULTS AND ESTIMATED RESULTS ARE BOLD.

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-11	5 ft	<0.0038	<0.0038	<0.004	<0.0038
	8 ft	<0.0039	0.0032 J	<0.0037	<0.004
	29 ft	<0.004	<0.0038	<0.0037	<0.0043
	38 ft	<0.0036 / <0.0038	<0.0036 / <0.0037	<0.0038	<0.0038

BP

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-10	5 ft	<0.0034	<0.0039	<0.0042	<0.0041
	10 ft	0.0026 J	0.0011 J	<0.004	<0.0044
	20 ft	<0.0033	0.0023 J	<0.0046	<0.0043
	30 ft	<0.0037	<0.0038 / <0.0038	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)				
		1Q19 (Initial Sample)	1Q19 (Re-sample ⁴)	2Q19	3Q19	4Q19
VMP-41	10 ft	6.7	<0.0038	<0.0039	<0.0042	<0.004
	20 ft	<0.0036		<0.0045	<0.0042 / <0.0046	<0.004
	26 ft	<0.0036		<0.004	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-29	10 ft	Not Sampled ²	0.0013 J	<0.0039	<0.0042
	18 ft	0.0048	0.0047	0.0037 J	0.0012 J
	26 ft	0.0018 J / 0.0012 J	0.017	0.0069 J	<0.0043
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-30	10 ft	<0.0038	<0.0038	<0.0039	<0.004
	18 ft	0.00085 J	0.0021 J	0.0073	0.0032 J
	26 ft	0.0028 J	0.0087	0.017	0.0065 / 0.007
	40 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-25	5 ft	<0.0035 / <0.0033	<0.0039 / <0.004	0.011 / 0.015	<0.004 / <0.004
	9.5 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	21 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	31 ft	Not Sampled ²	Not Sampled ²	Not Sampled ²	Not Sampled ²

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-55	5 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	10 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹
	20 ft	Not Sampled ¹	<0.4	<0.026	Not Sampled ¹
	30 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

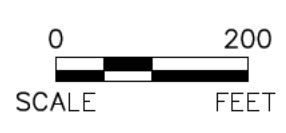
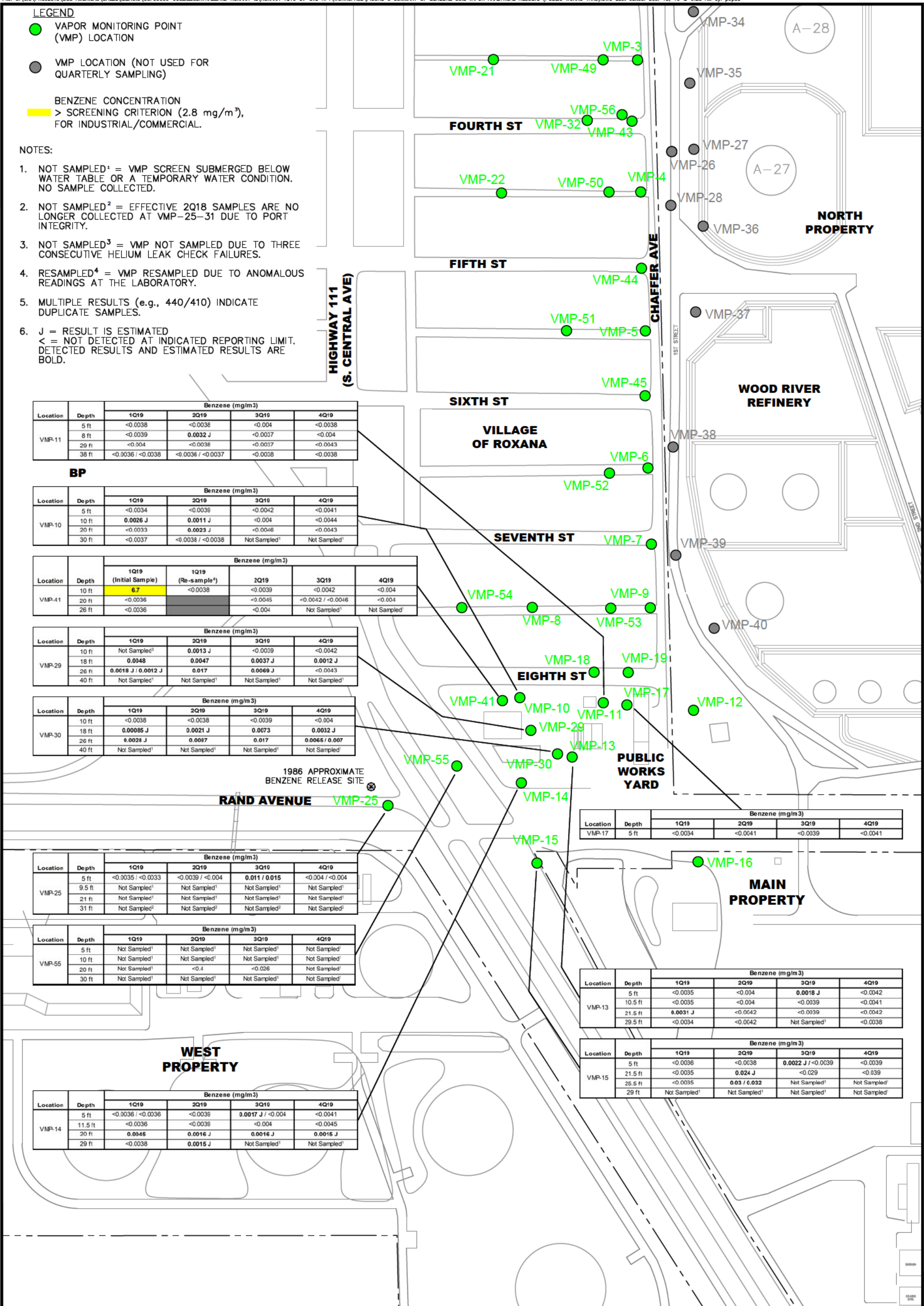
Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-14	5 ft	<0.0036 / <0.0036	<0.0039	0.0017 J / <0.004	<0.0041
	11.5 ft	<0.0036	<0.0039	<0.004	<0.0045
	20 ft	0.0045	0.0016 J	0.0016 J	0.0015 J
	29 ft	<0.0038	0.0015 J	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-13	5 ft	<0.0035	<0.004	0.0018 J	<0.0042
	10.5 ft	<0.0035	<0.004	<0.0039	<0.0041
	21.5 ft	0.0031 J	<0.0042	<0.0039	<0.0042
	29.5 ft	<0.0034	<0.0042	Not Sampled ¹	<0.0038

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-15	5 ft	<0.0036	<0.0038	0.0022 J / <0.0039	<0.0039
	21.5 ft	<0.0035	0.024 J	<0.029	<0.039
	25.5 ft	<0.0035	0.03 / 0.032	Not Sampled ¹	Not Sampled ¹
	29 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

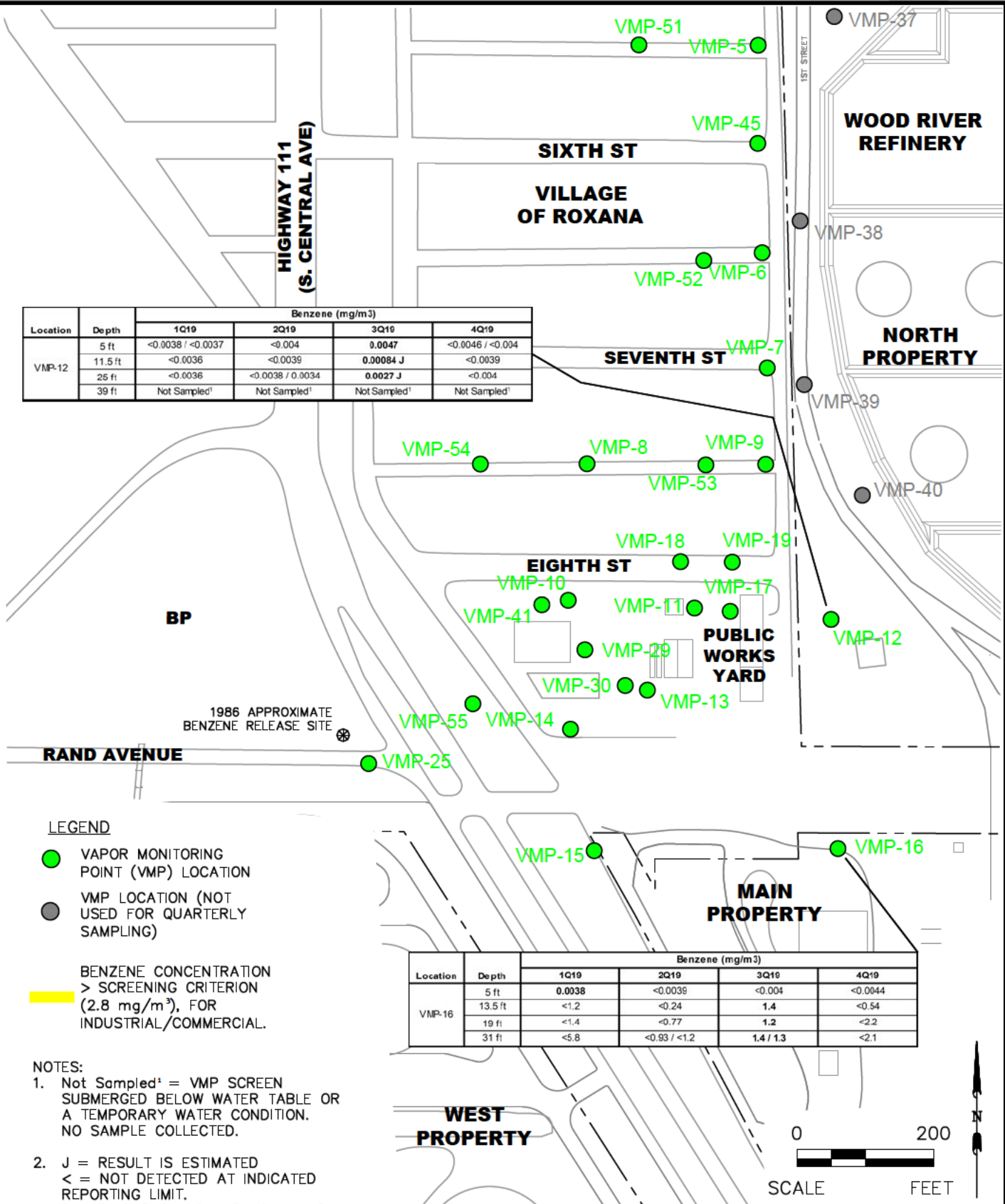
Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-17	5 ft	<0.0034	<0.0041	<0.0039	<0.0041

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-16	5 ft	<0.0036	<0.0038	0.0022 J / <0.0039	<0.0039
	21.5 ft	<0.0035	0.024 J	<0.029	<0.039
	25.5 ft	<0.0035	0.03 / 0.032	Not Sampled ¹	Not Sampled ¹
	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. 60619901
AECOM		
DRN. BY: gds January 2020 DSGN. BY: djd CHKD. BY: smf	4Q19 Summary of Benzene Soil Vapor Analytical Results- Roxana Public Works Yard Area	FIG. NO. 6

File: G:\GIS\PROJECTS\DCS AMERICAS\SHELL\ILLINOIS\ROXANA-IL\ROXANA-4019 SV-SVE RPT\WORKSPACE\FIGURE 7 SUMMARY OF BENZENE SOIL VAPOR ANALYTICAL RESULTS (WRR).DWG, Last edited: Dec. 17, 19 @ 9:23 AM by: jsp003



Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-12	5 ft	<0.0038 / <0.0037	<0.004	0.0047	<0.0046 / <0.004
	11.5 ft	<0.0036	<0.0039	0.0084 J	<0.0039
	25 ft	<0.0036	<0.0038 / 0.0034	0.0027 J	<0.004
	39 ft	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹	Not Sampled ¹

Location	Depth	Benzene (mg/m ³)			
		1Q19	2Q19	3Q19	4Q19
VMP-16	5 ft	0.0038	<0.0039	<0.004	<0.0044
	13.5 ft	<1.2	<0.24	1.4	<0.54
	19 ft	<1.4	<0.77	1.2	<2.2
	31 ft	<5.8	<0.93 / <1.2	1.4 / 1.3	<2.1

LEGEND

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

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

NOTES:

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

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
--	-------------------------



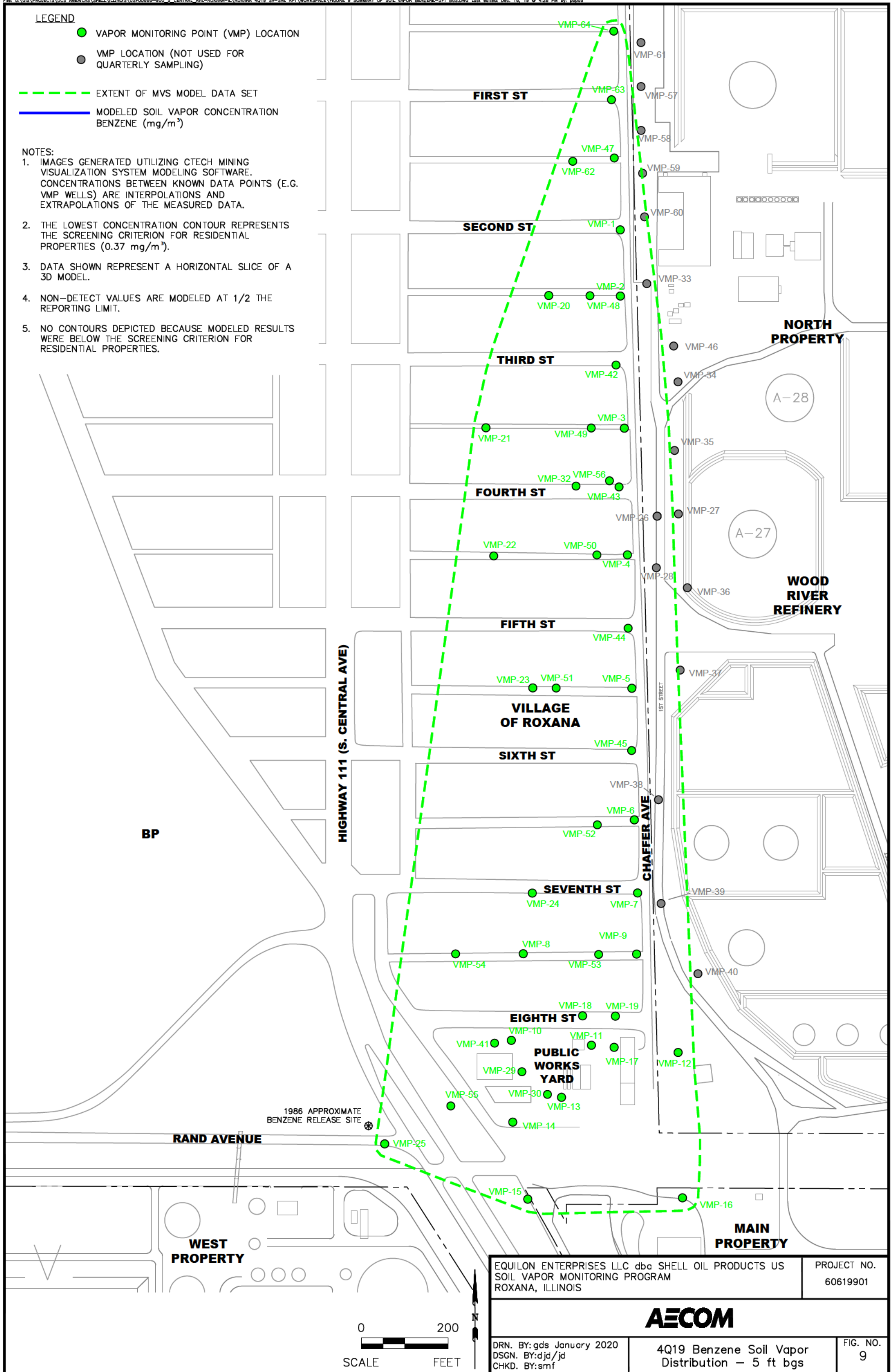
DRN. BY: gds January 2020 DSGN. BY: djd CHKD. BY: smf	4Q19 Summary of Benzene Soil Vapor Analytical Results – WRR	FIG. NO. 7
---	---	---------------

LEGEND

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

NOTES:

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



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS	PROJECT NO. 60619901
--	-------------------------



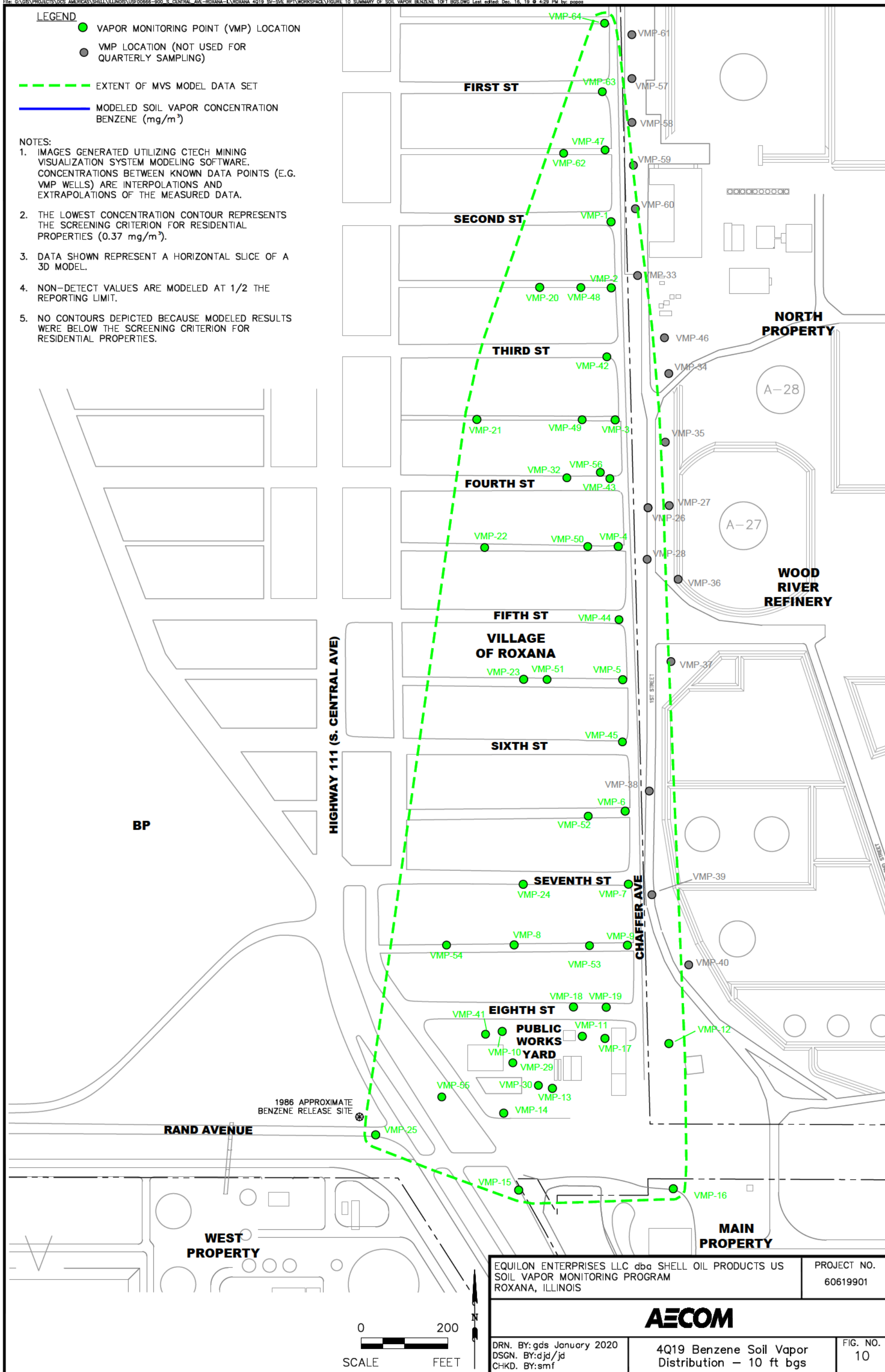
DRN. BY: gds January 2020 DSGN. BY: djd/jd CHKD. BY: smf	4Q19 Benzene Soil Vapor Distribution - 5 ft bgs	FIG. NO. 9
--	--	---------------

LEGEND

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

NOTES:

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



1986 APPROXIMATE BENZENE RELEASE SITE

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

PROJECT NO.
 60619901



0 200
 SCALE FEET

DRN. BY: gds January 2020
 DSGN. BY: djd/jd
 CHKD. BY: smf

4Q19 Benzene Soil Vapor
 Distribution - 10 ft bgs

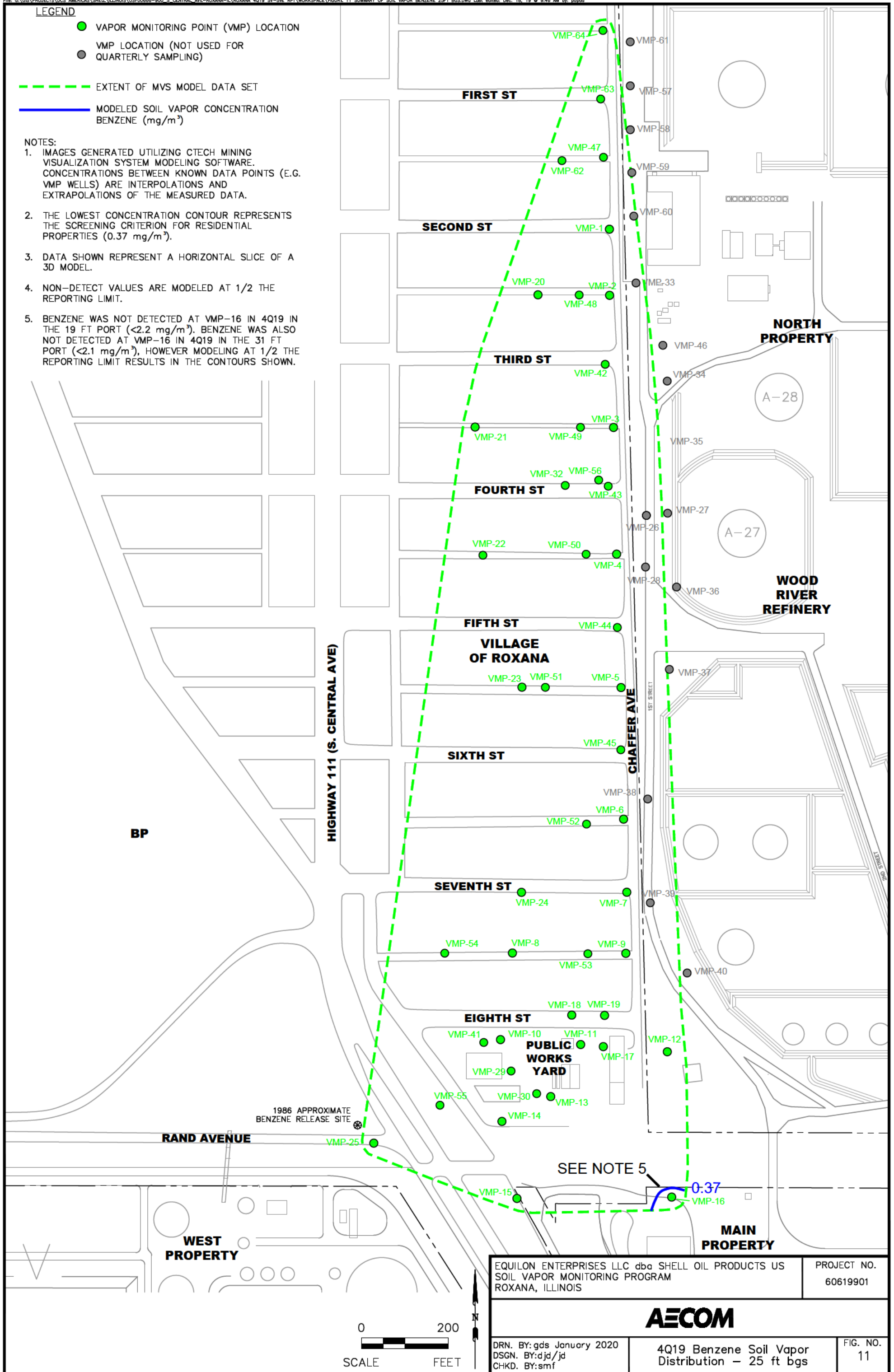
FIG. NO.
 10

LEGEND

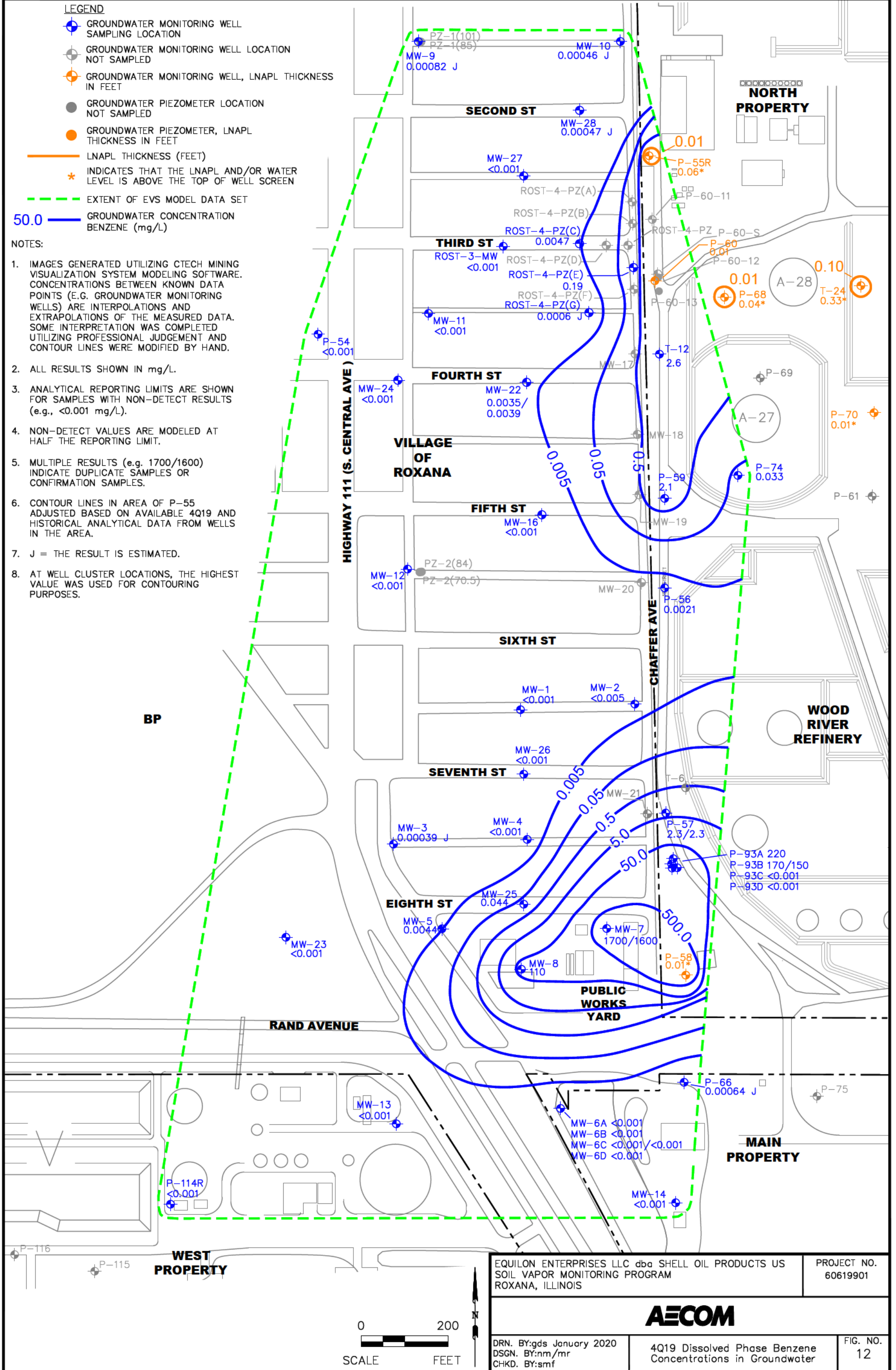
- VAPOR MONITORING POINT (VMP) LOCATION
- VMP LOCATION (NOT USED FOR QUARTERLY SAMPLING)
- EXTENT OF MVS MODEL DATA SET
- MODELED SOIL VAPOR CONCENTRATION BENZENE (mg/m³)

NOTES:

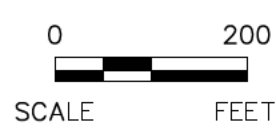
1. IMAGES GENERATED UTILIZING CTECH MINING VISUALIZATION SYSTEM MODELING SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF THE MEASURED DATA.
2. THE LOWEST CONCENTRATION CONTOUR REPRESENTS THE SCREENING CRITERION FOR RESIDENTIAL PROPERTIES (0.37 mg/m³).
3. DATA SHOWN REPRESENT A HORIZONTAL SLICE OF A 3D MODEL.
4. NON-DETECT VALUES ARE MODELED AT 1/2 THE REPORTING LIMIT.
5. BENZENE WAS NOT DETECTED AT VMP-16 IN 4Q19 IN THE 19 FT PORT (<2.2 mg/m³). BENZENE WAS ALSO NOT DETECTED AT VMP-16 IN 4Q19 IN THE 31 FT PORT (<2.1 mg/m³), HOWEVER MODELING AT 1/2 THE REPORTING LIMIT RESULTS IN THE CONTOURS SHOWN.

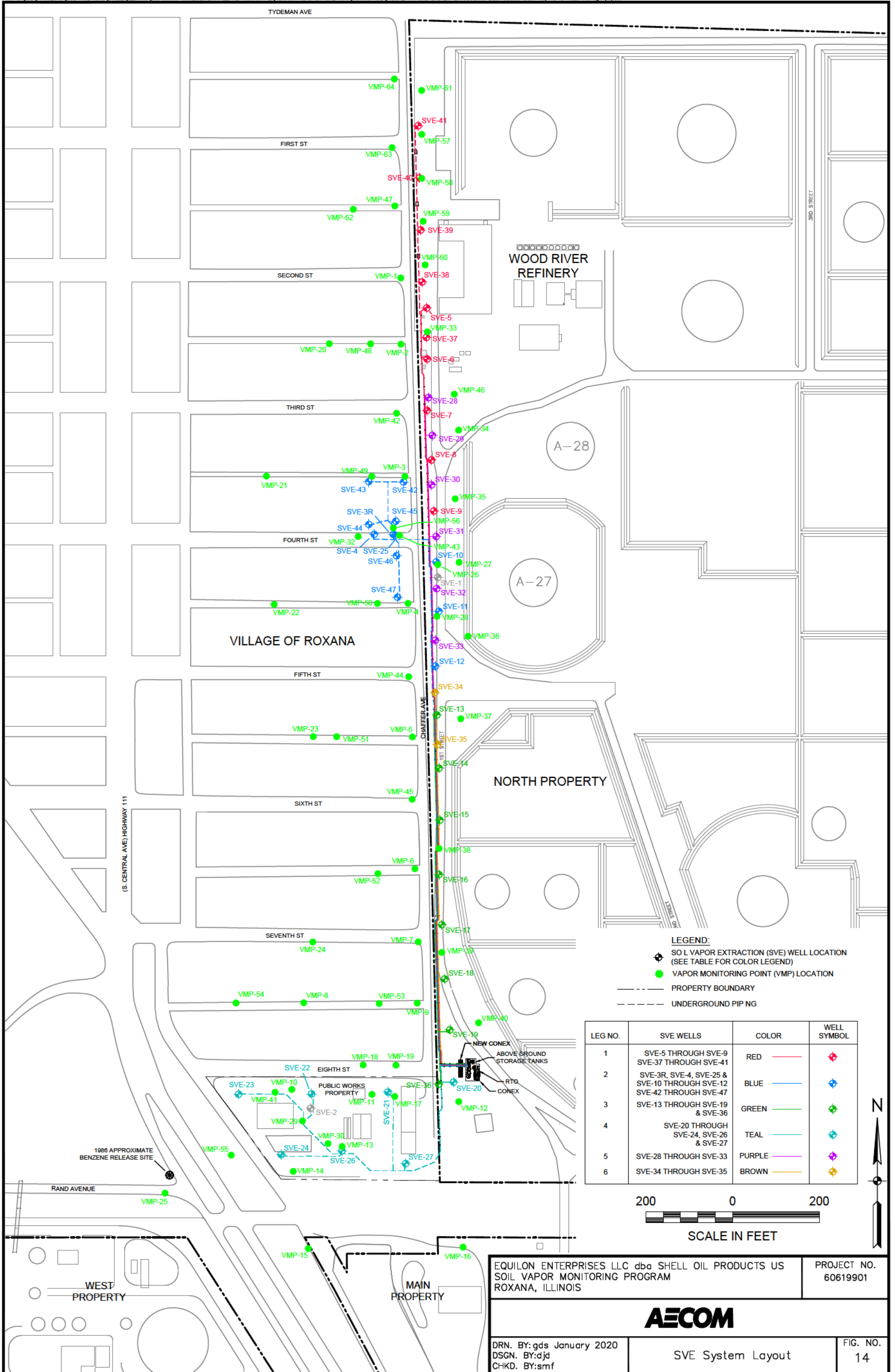


EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds January 2020 DSGN. BY: djd/jd CHKD. BY: smf	4Q19 Benzene Soil Vapor Distribution - 25 ft bgs	FIG. NO. 11



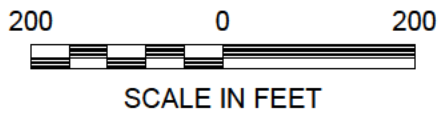
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds January 2020 DSGN. BY: nm/mr CHKD. BY: smf	4Q19 Dissolved Phase Benzene Concentrations in Groundwater	FIG. NO. 12





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

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

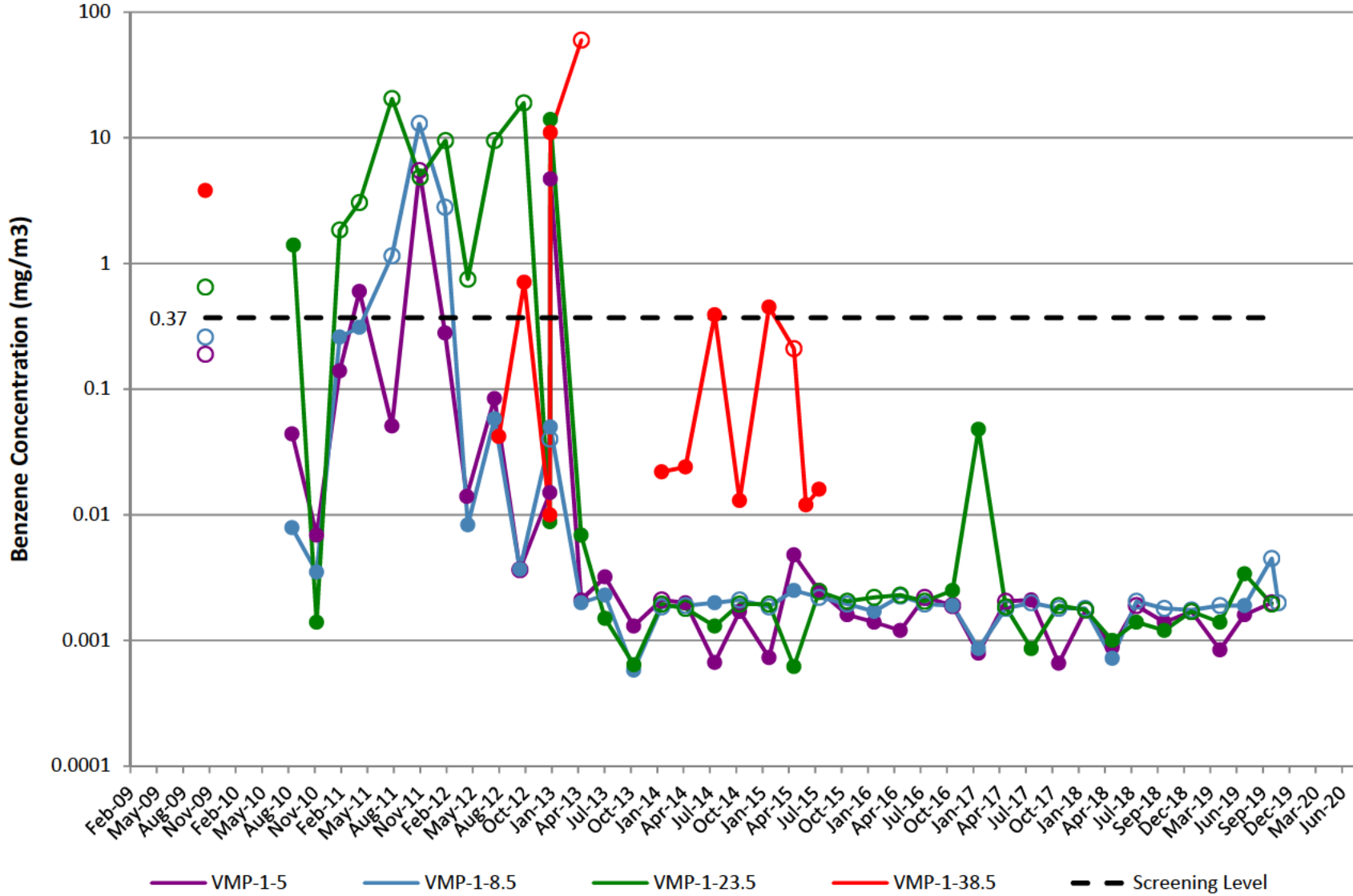


EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US SOIL VAPOR MONITORING PROGRAM ROXANA, ILLINOIS		PROJECT NO. 60619901
AECOM		
DRN. BY: gds January 2020 DSGN. BY: djd CHKD. BY: smf	SVE System Layout	FIG. NO. 14

Appendix A Benzene and Methane Charts

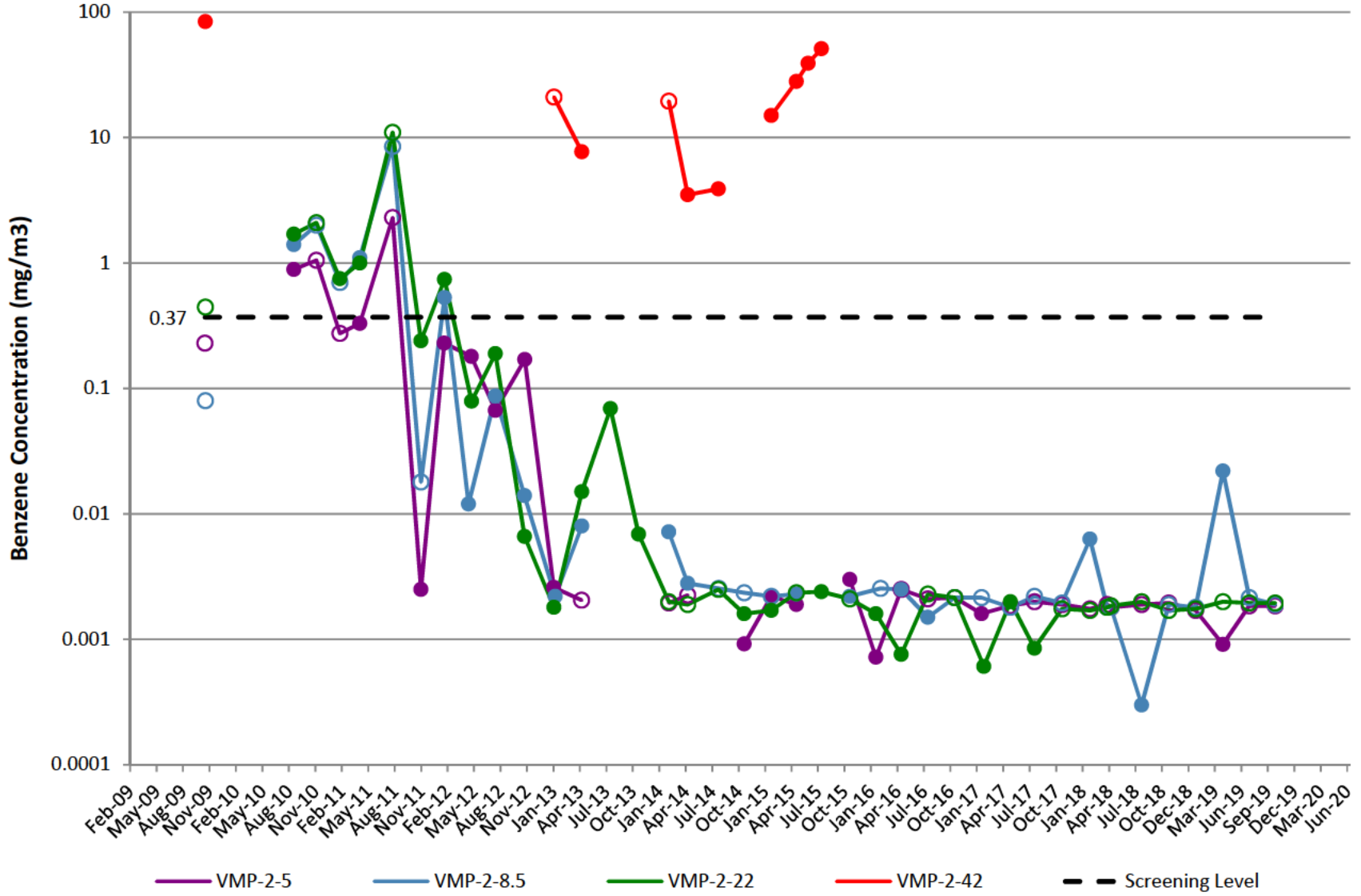
VMP-1

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



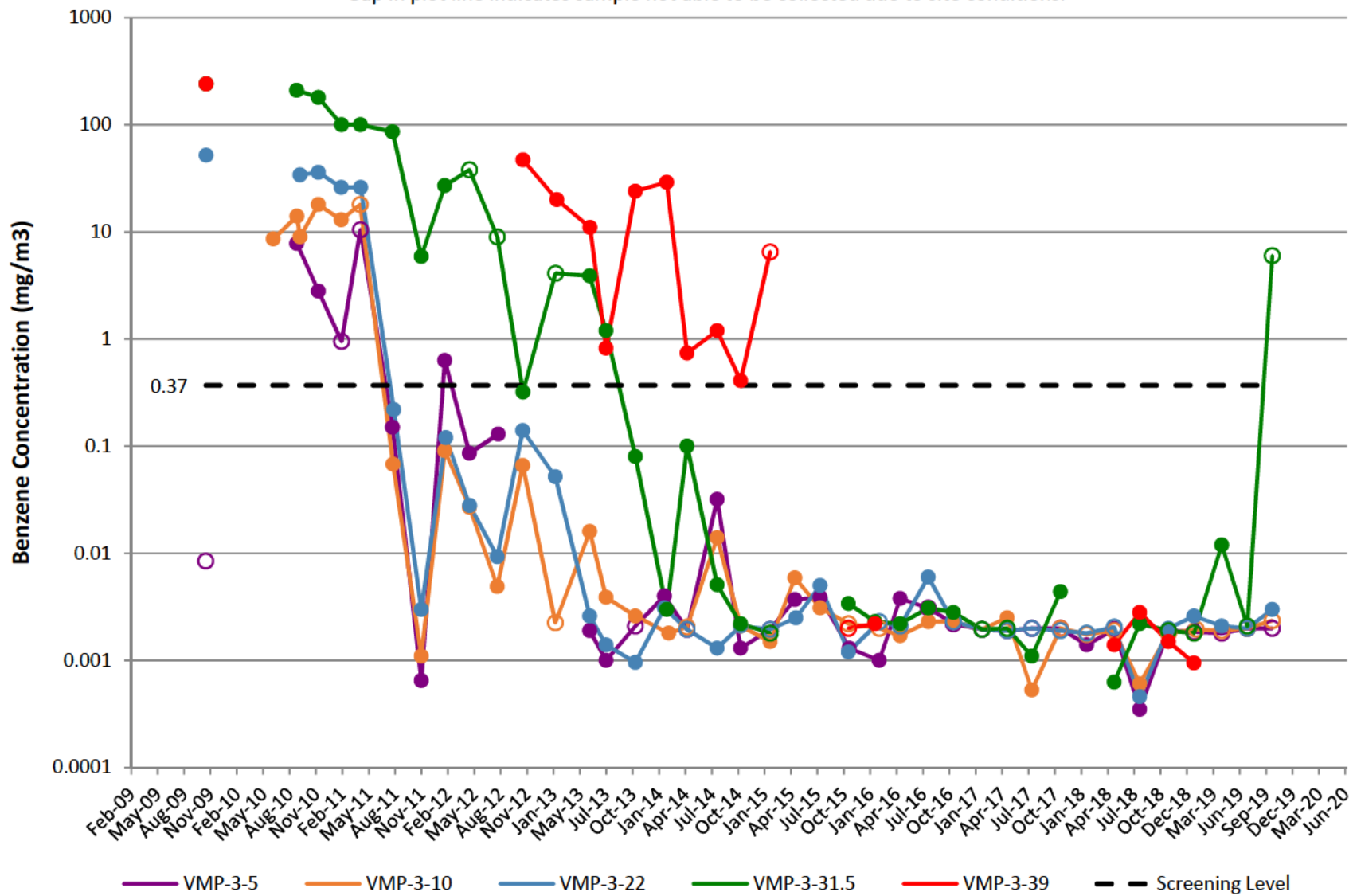
VMP-2

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



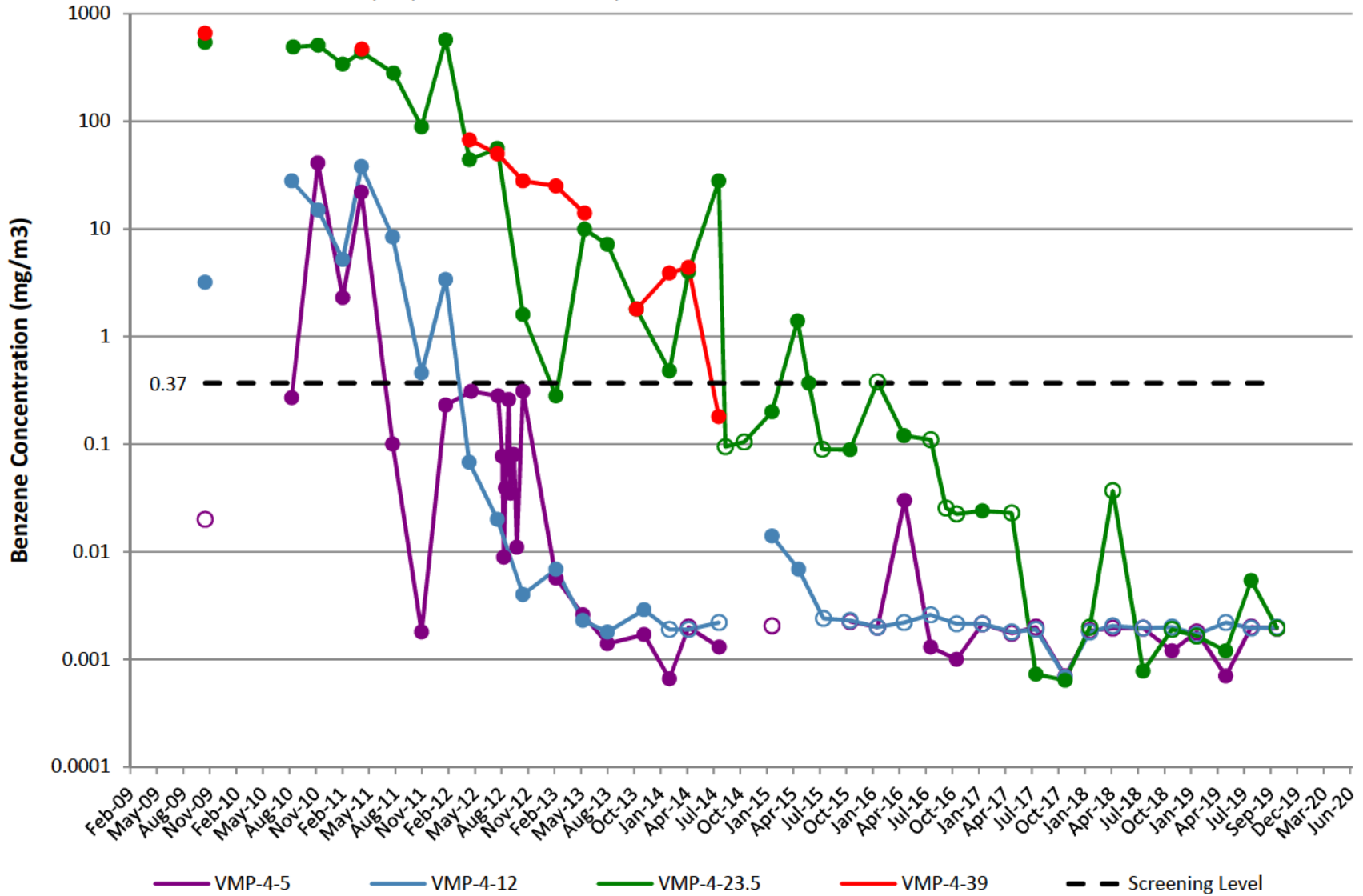
VMP-3

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



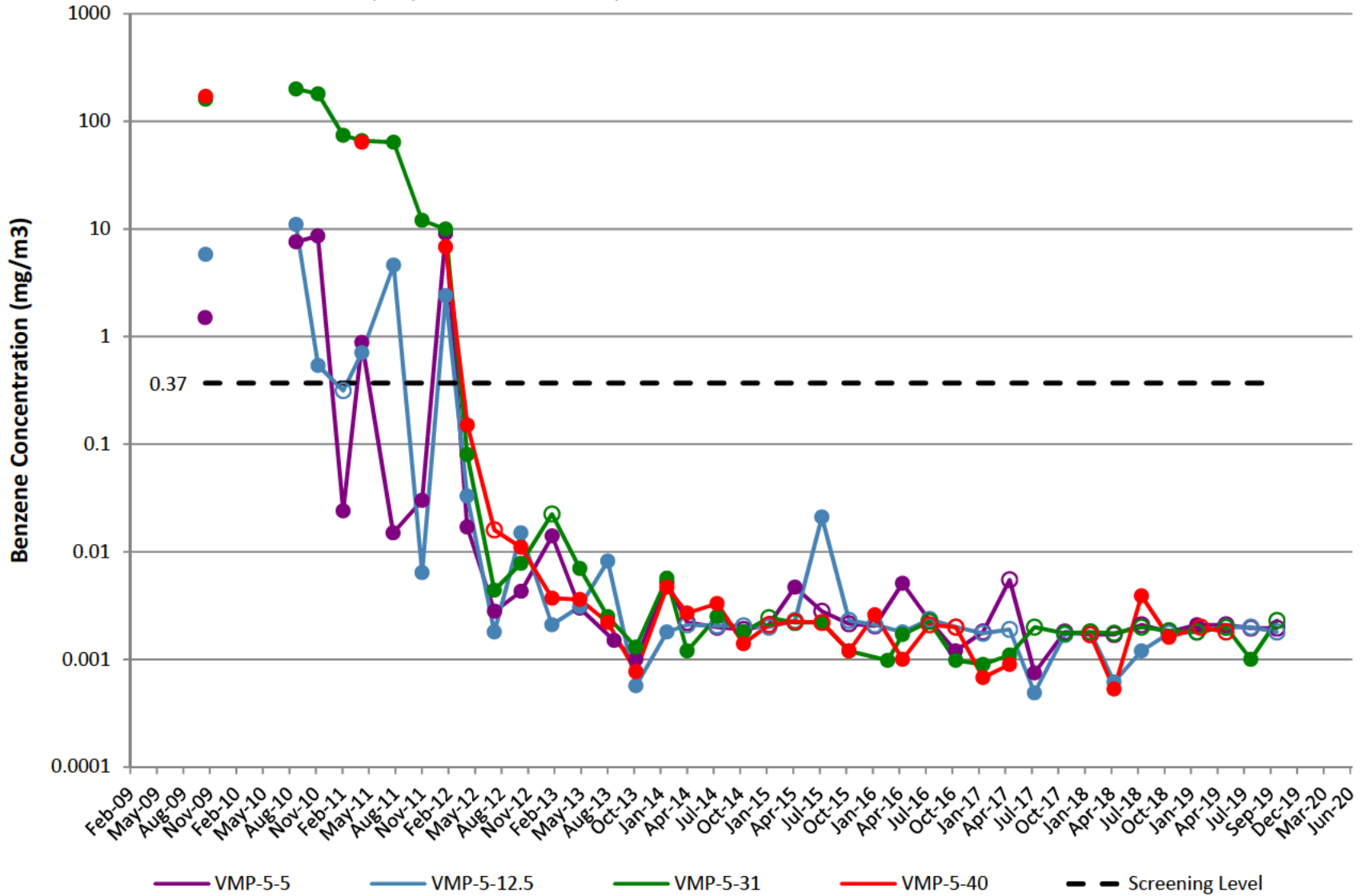
VMP-4

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



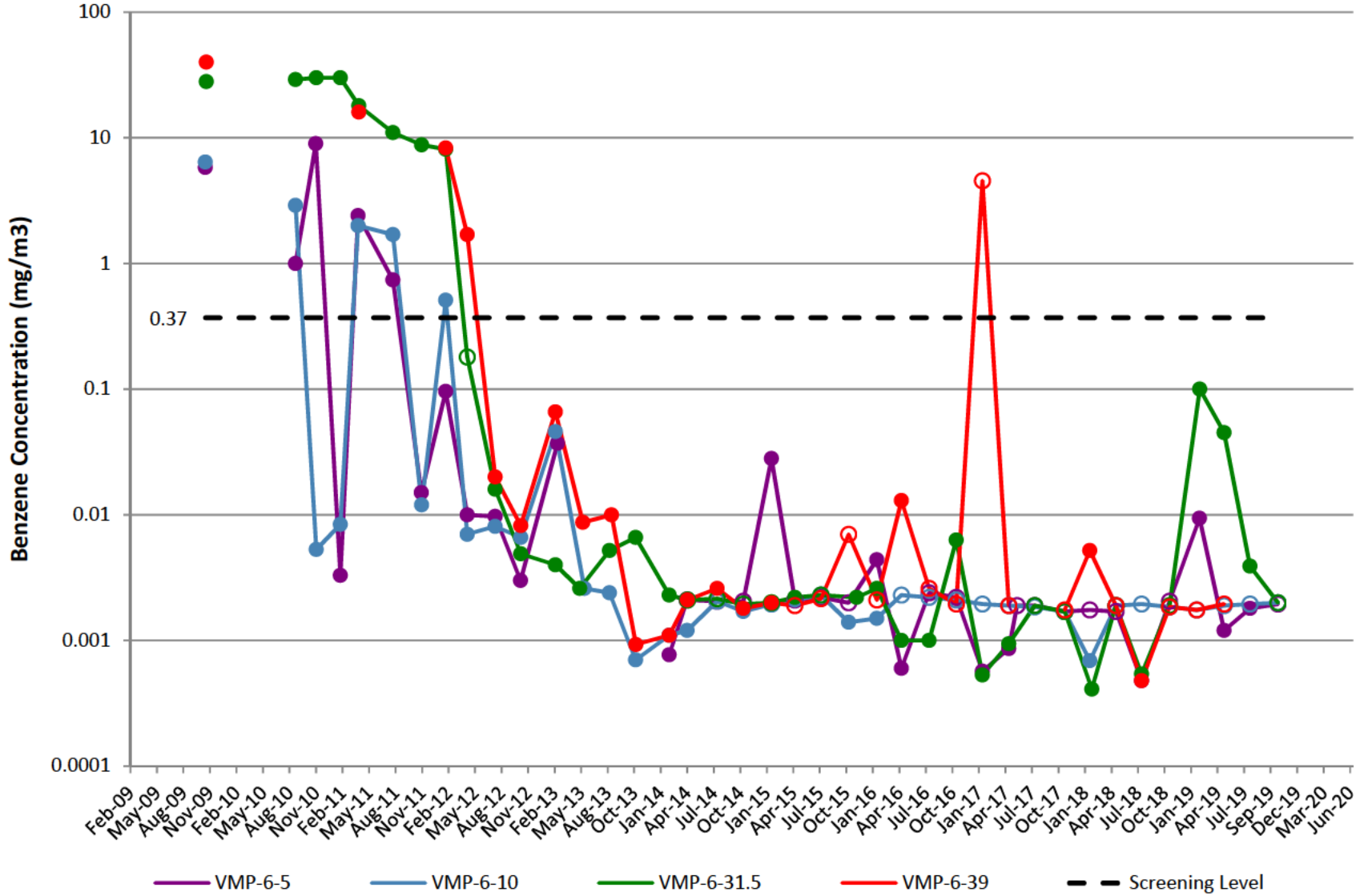
VMP-5

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



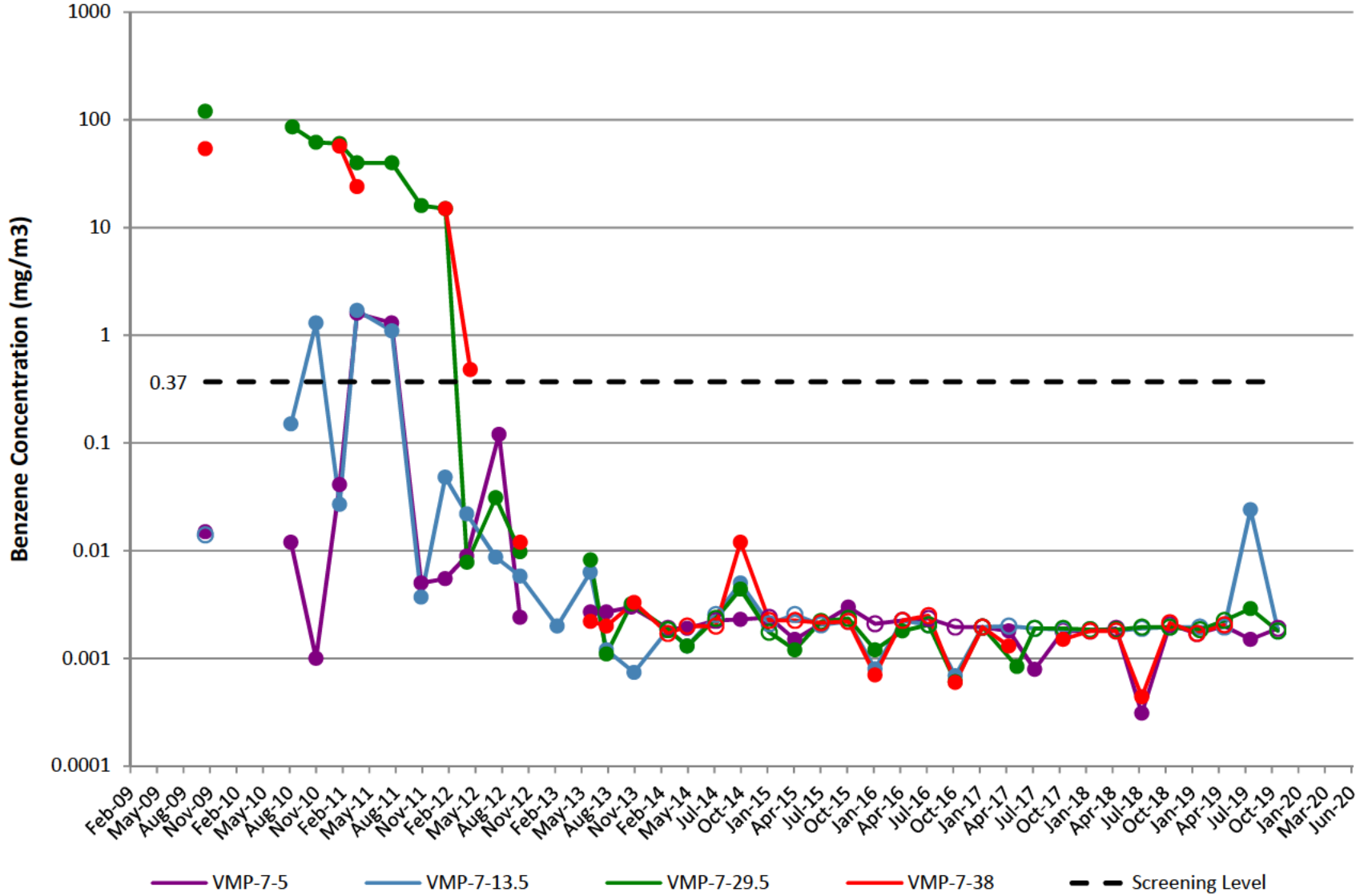
VMP-6

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



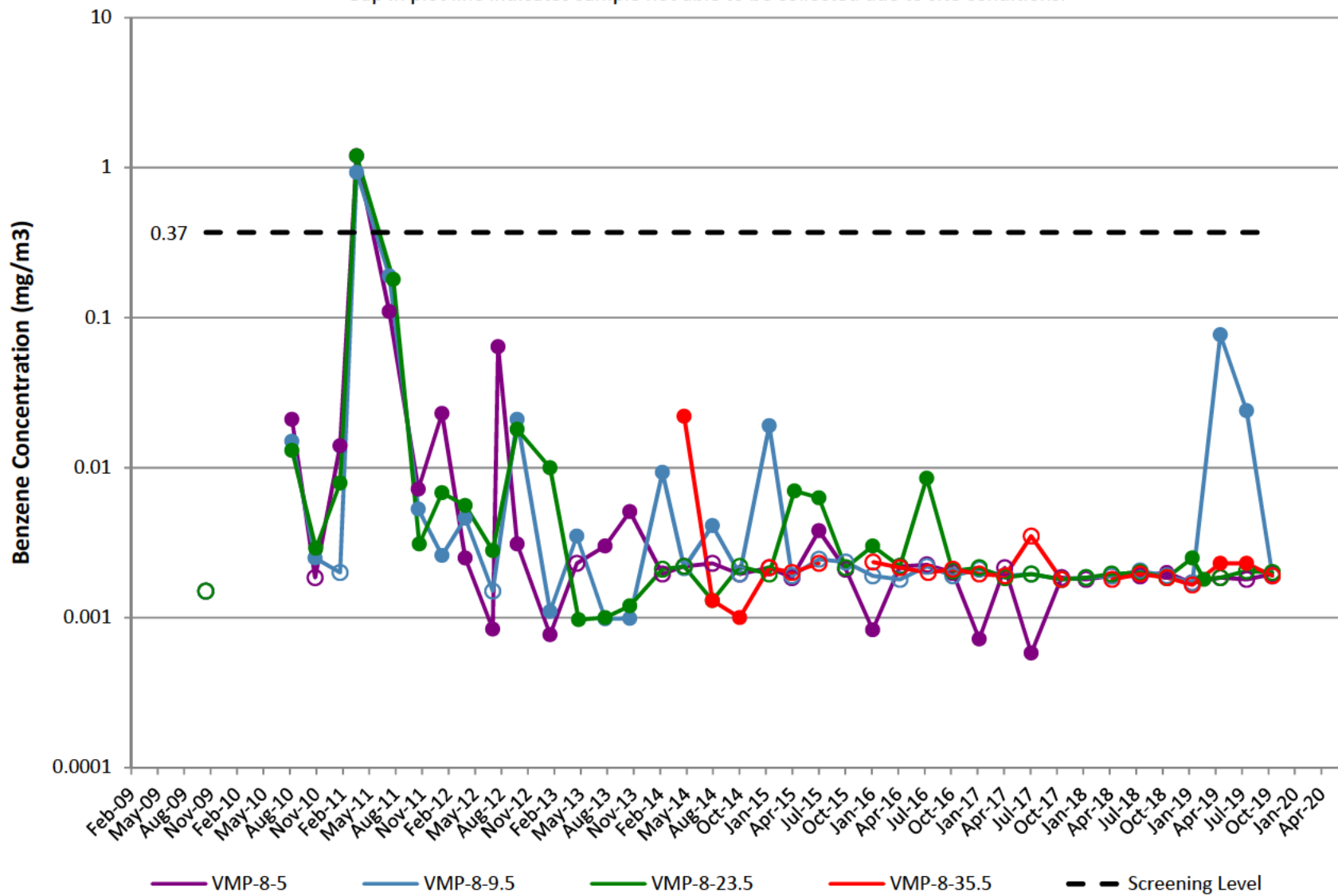
VMP-7

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



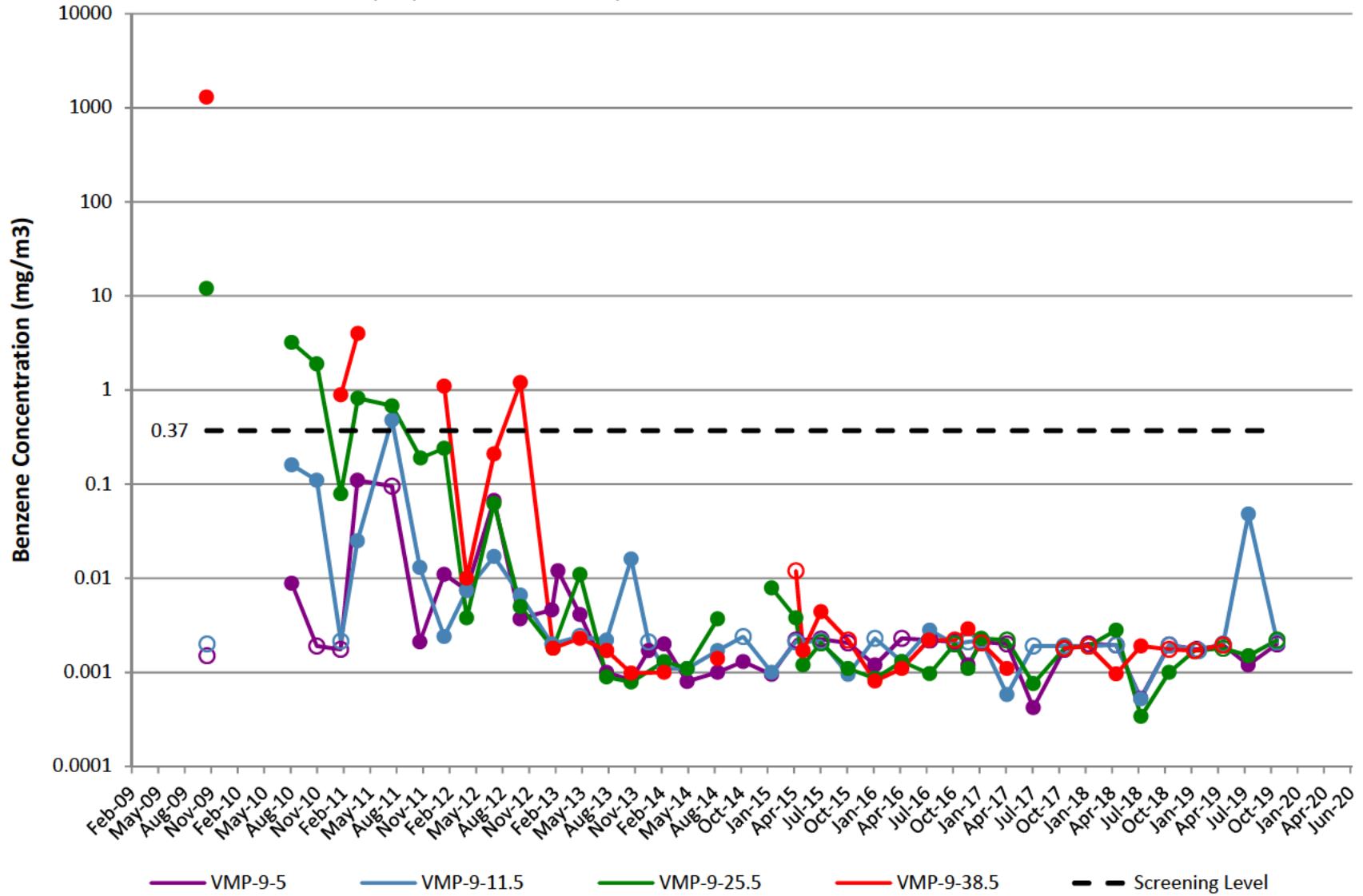
VMP-8

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



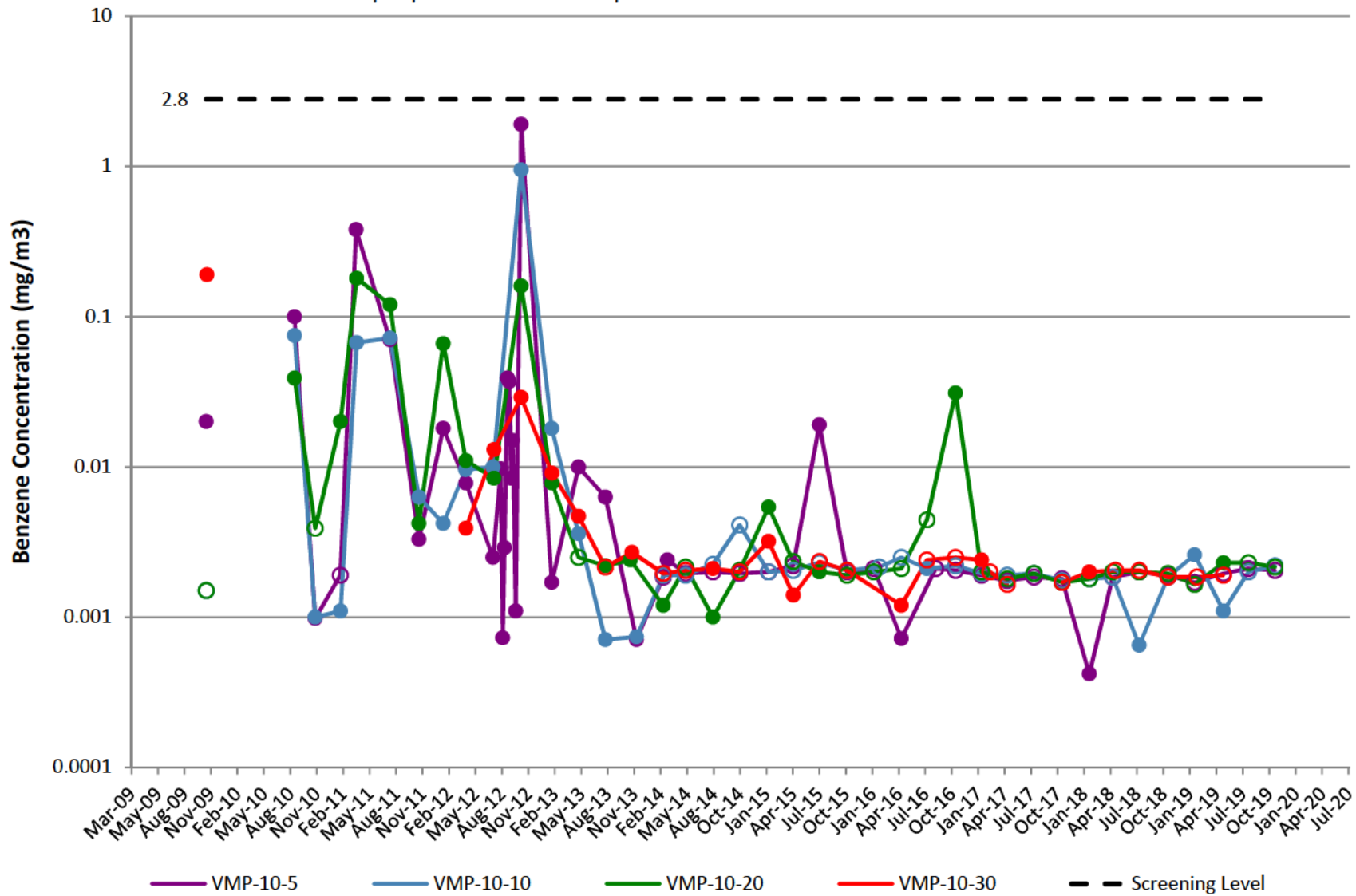
VMP-9

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



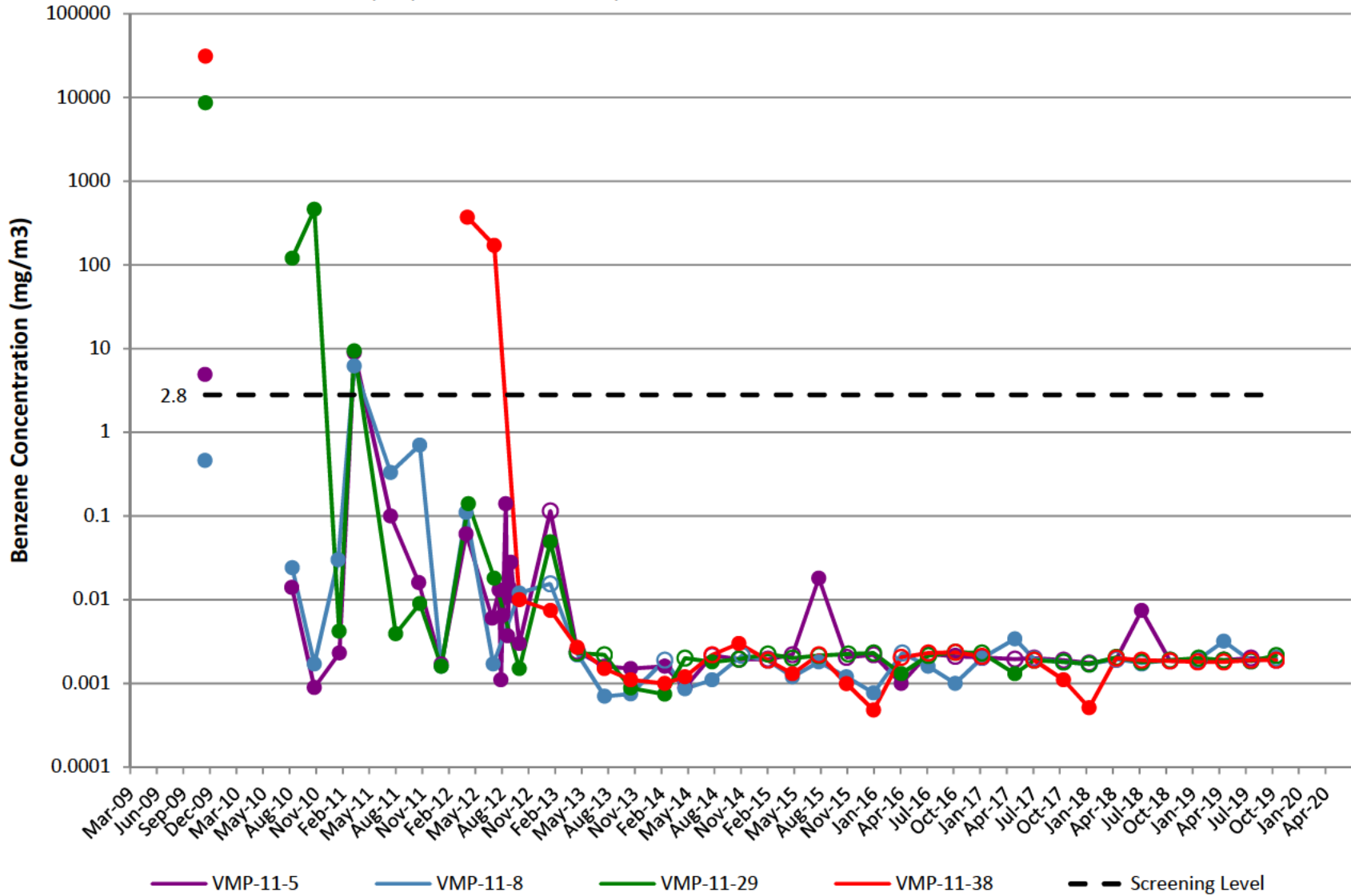
VMP-10

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



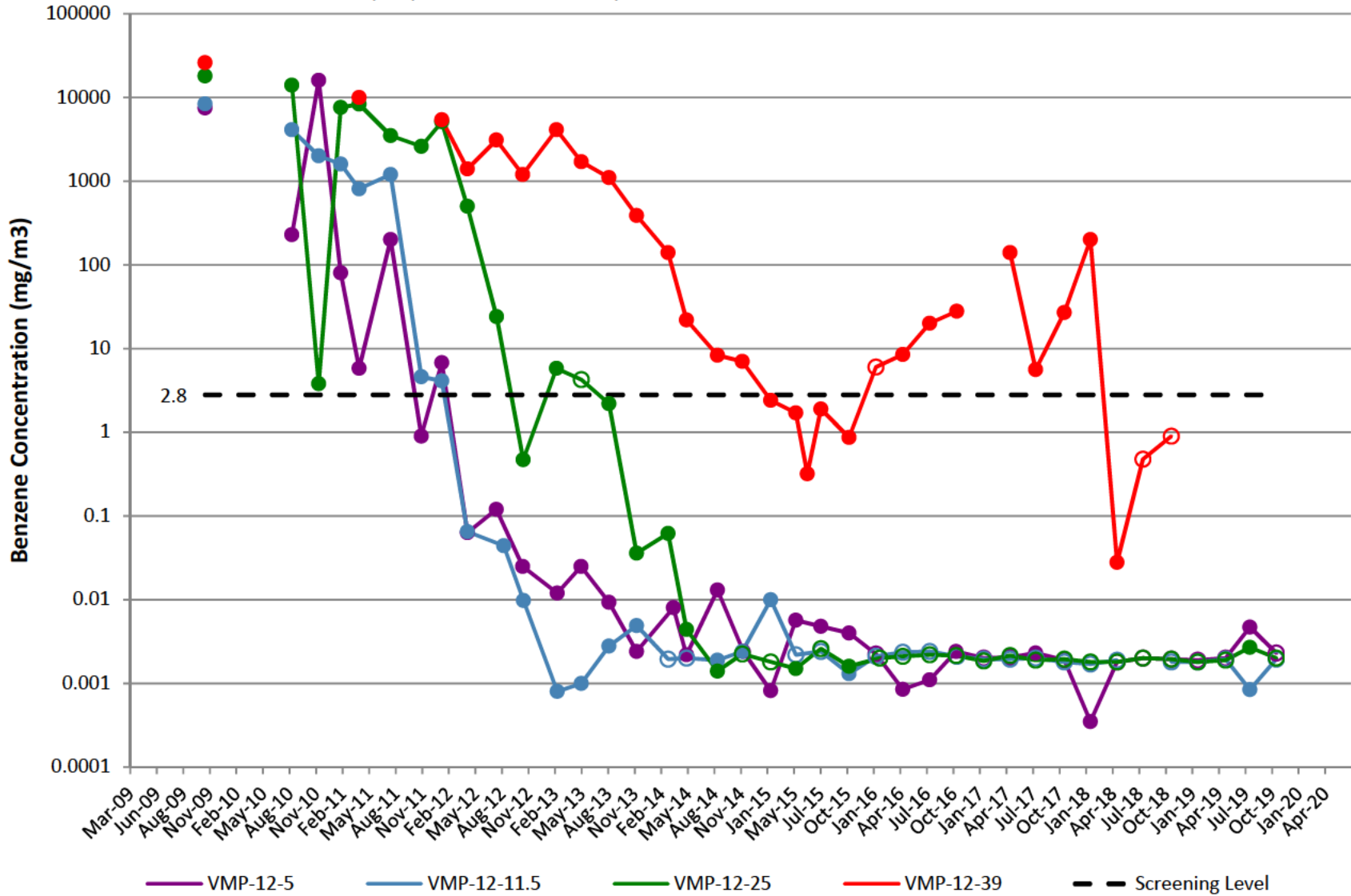
VMP-11

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



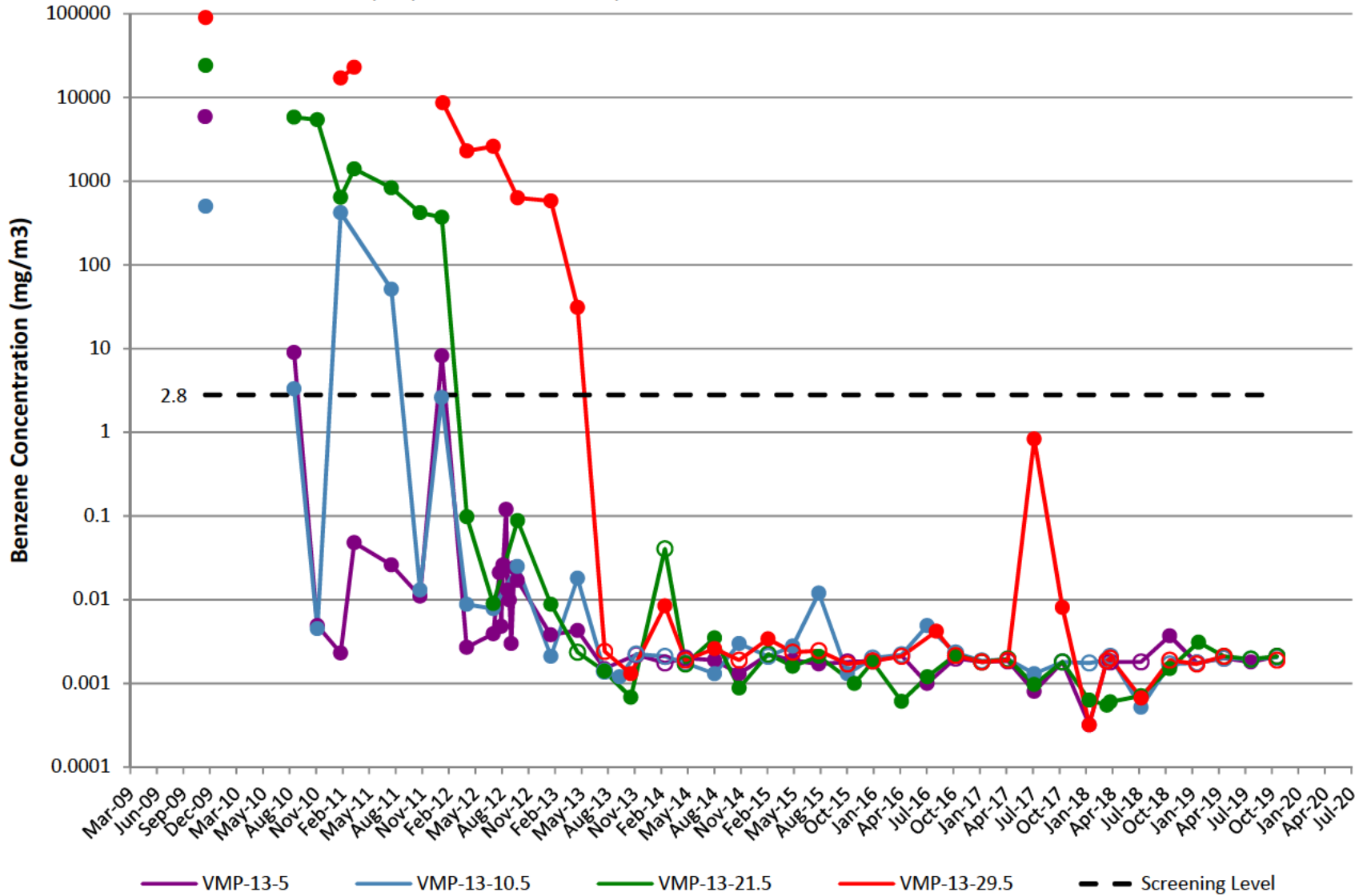
VMP-12

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



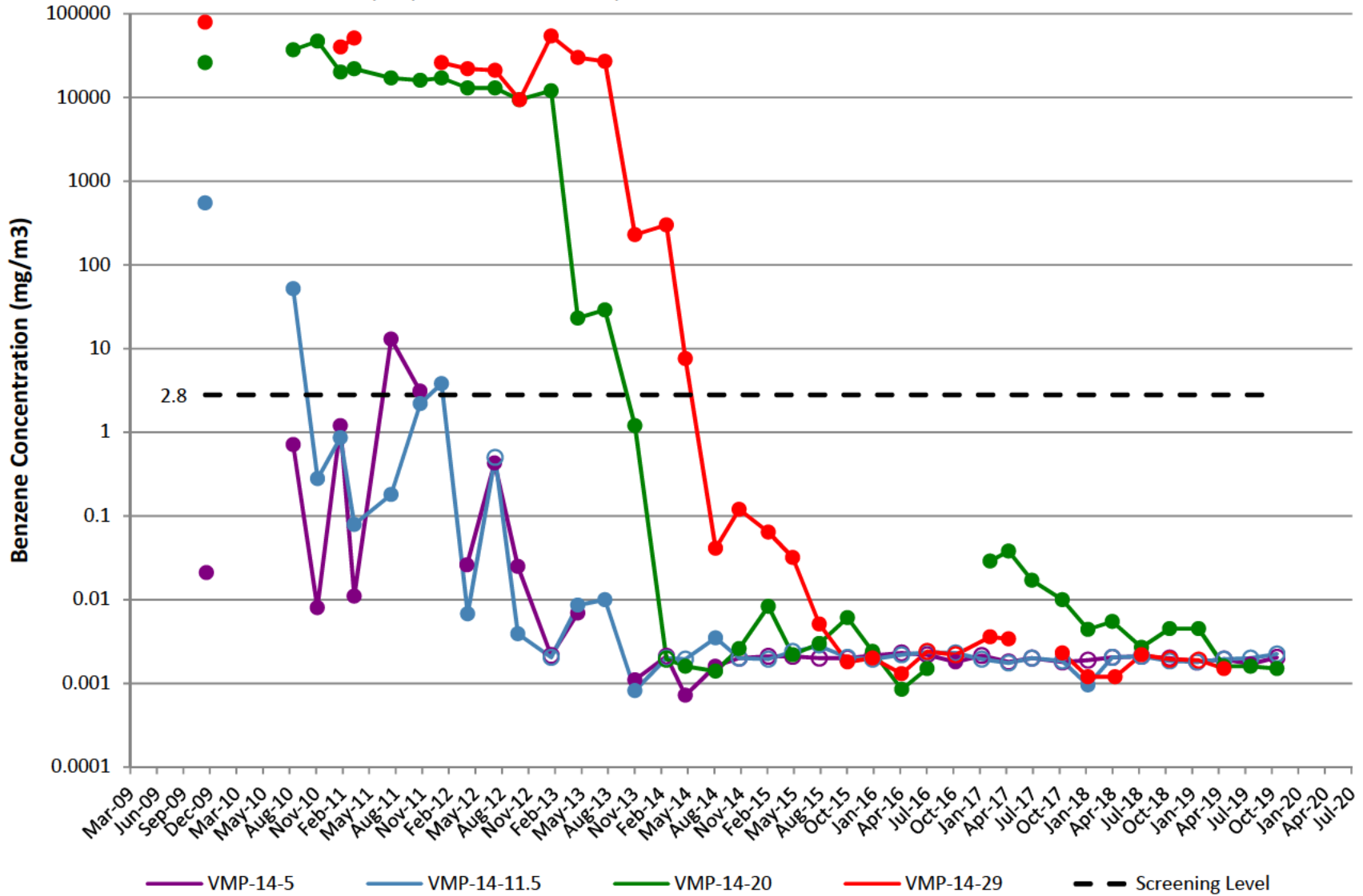
VMP-13

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



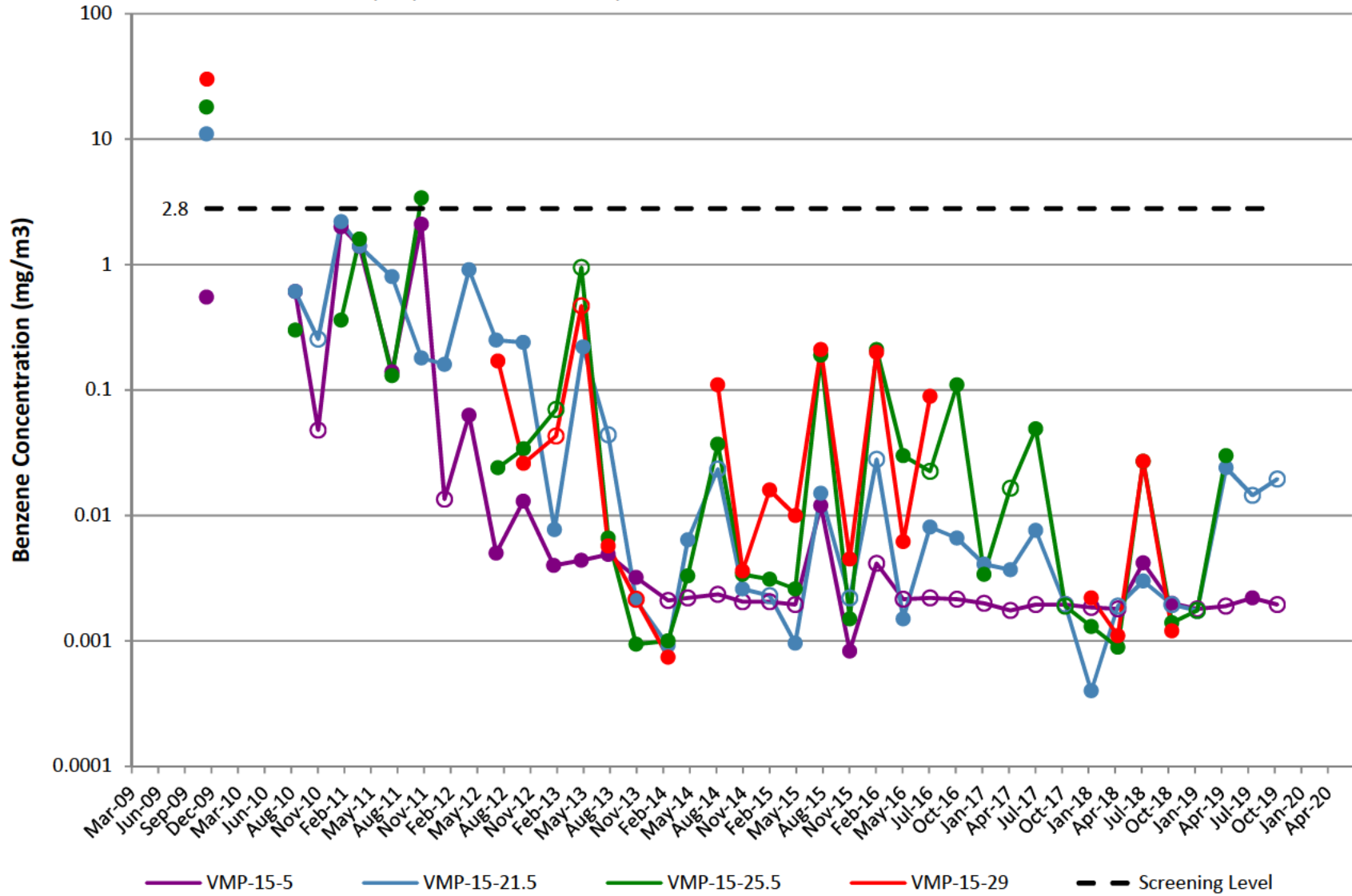
VMP-14

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



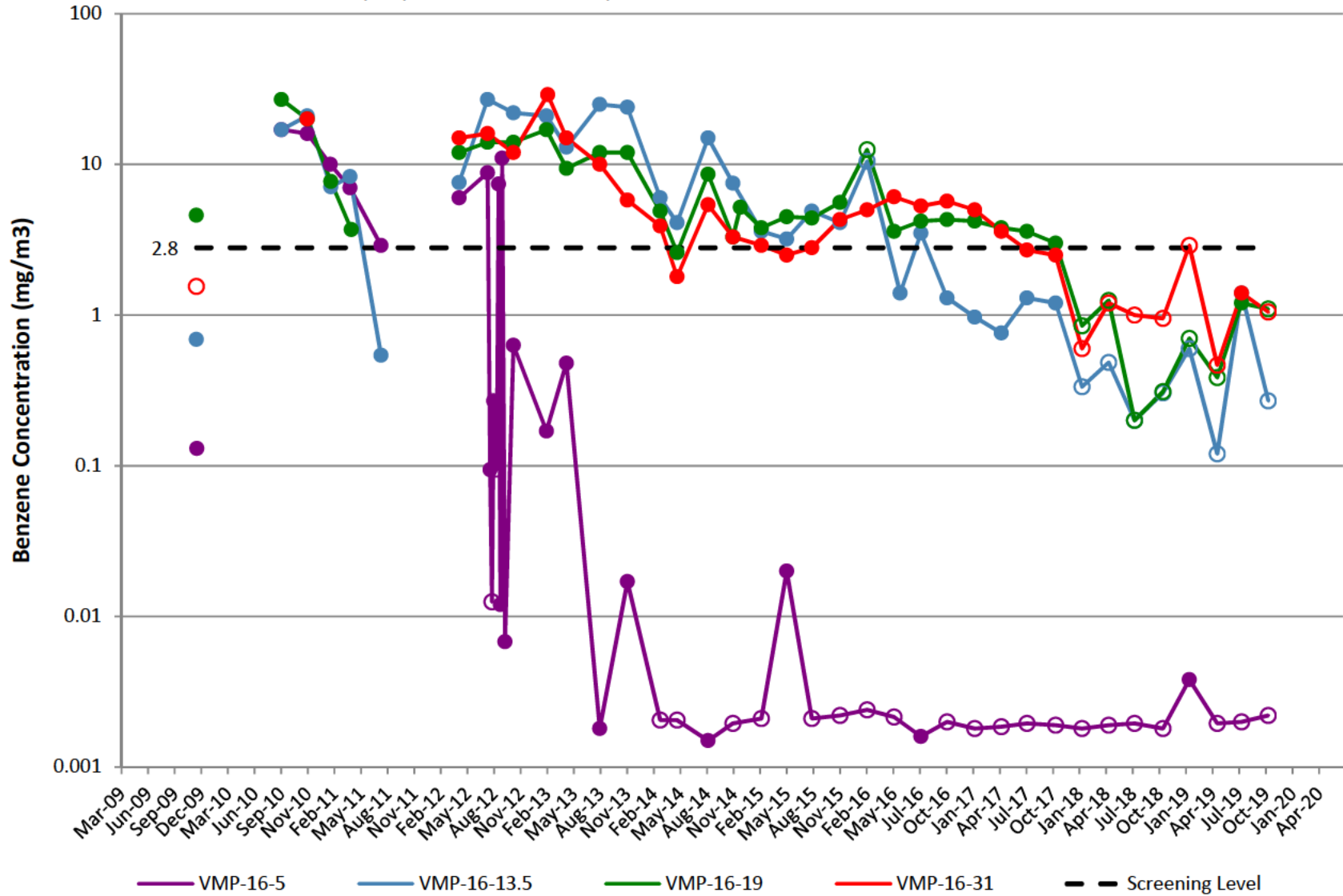
VMP-15

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



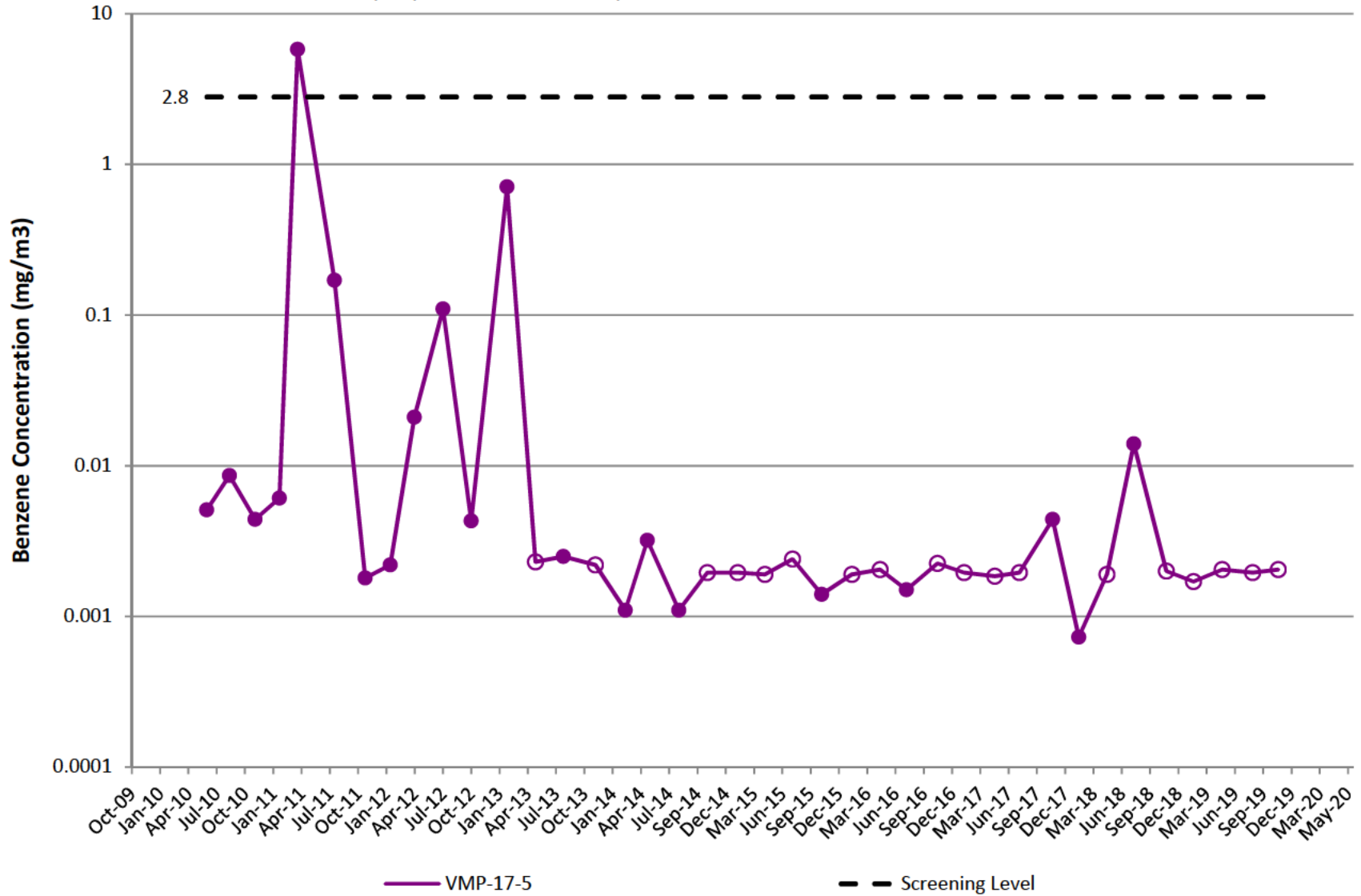
VMP-16

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



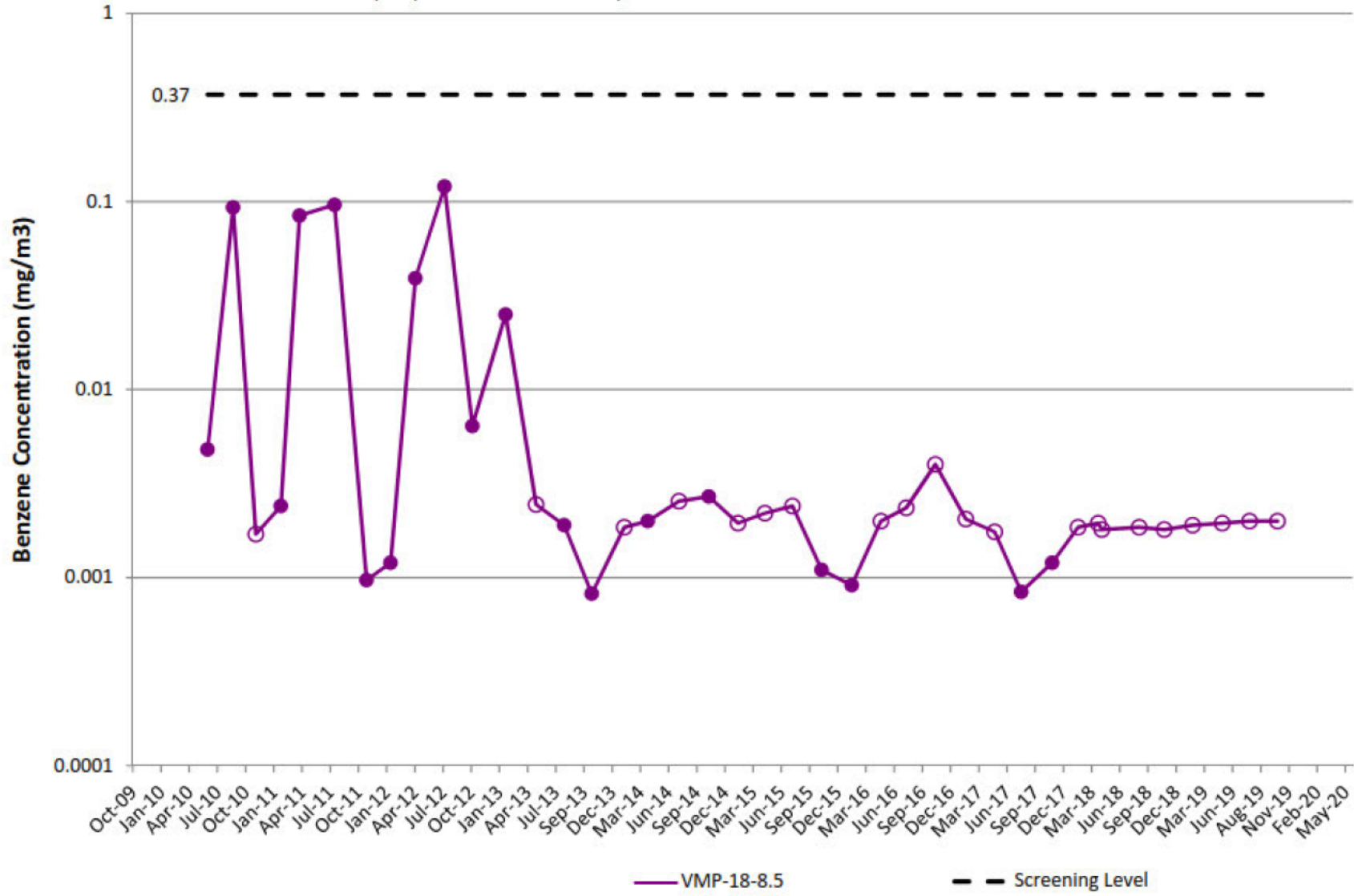
VMP-17

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



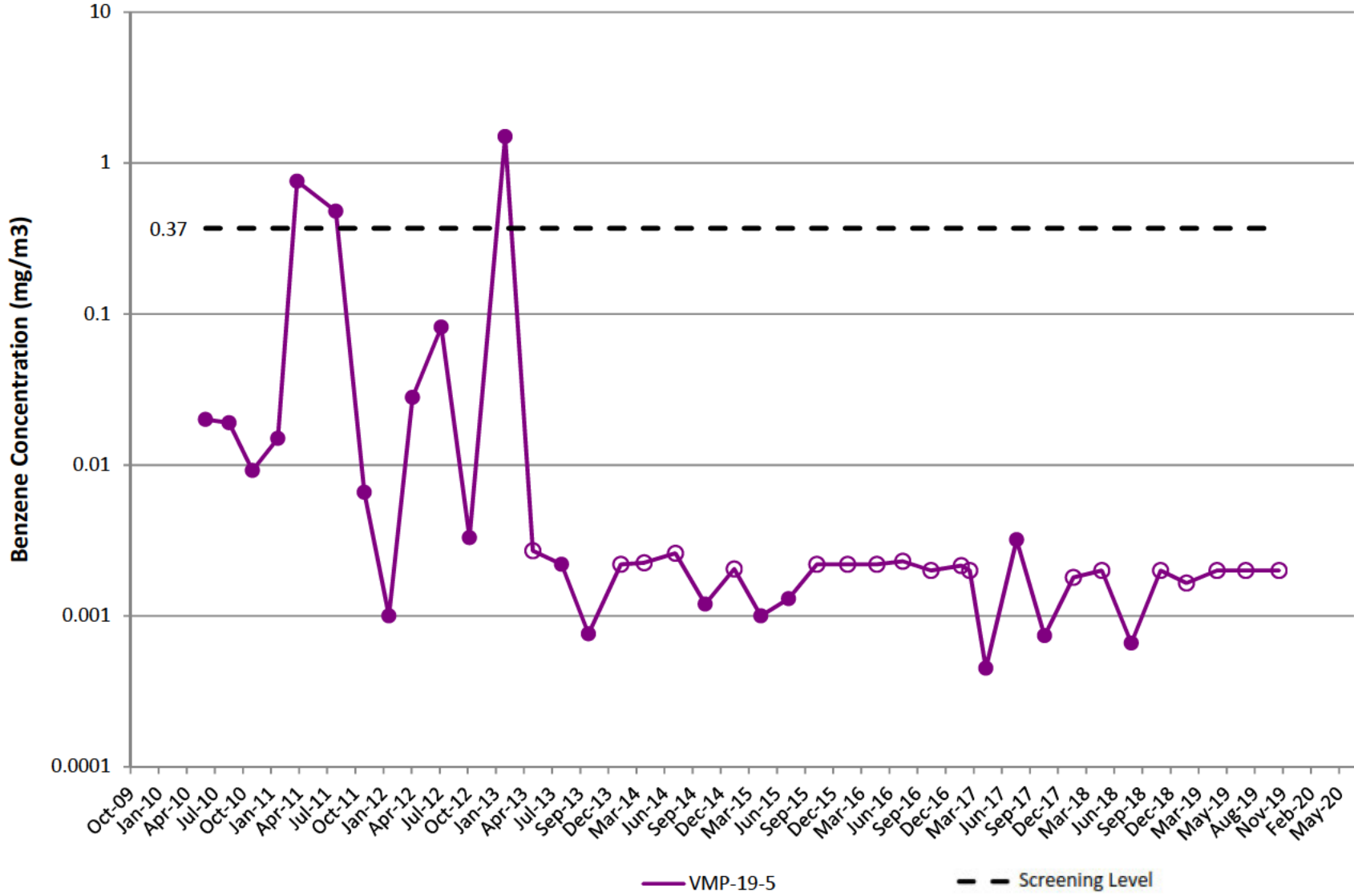
VMP-18

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



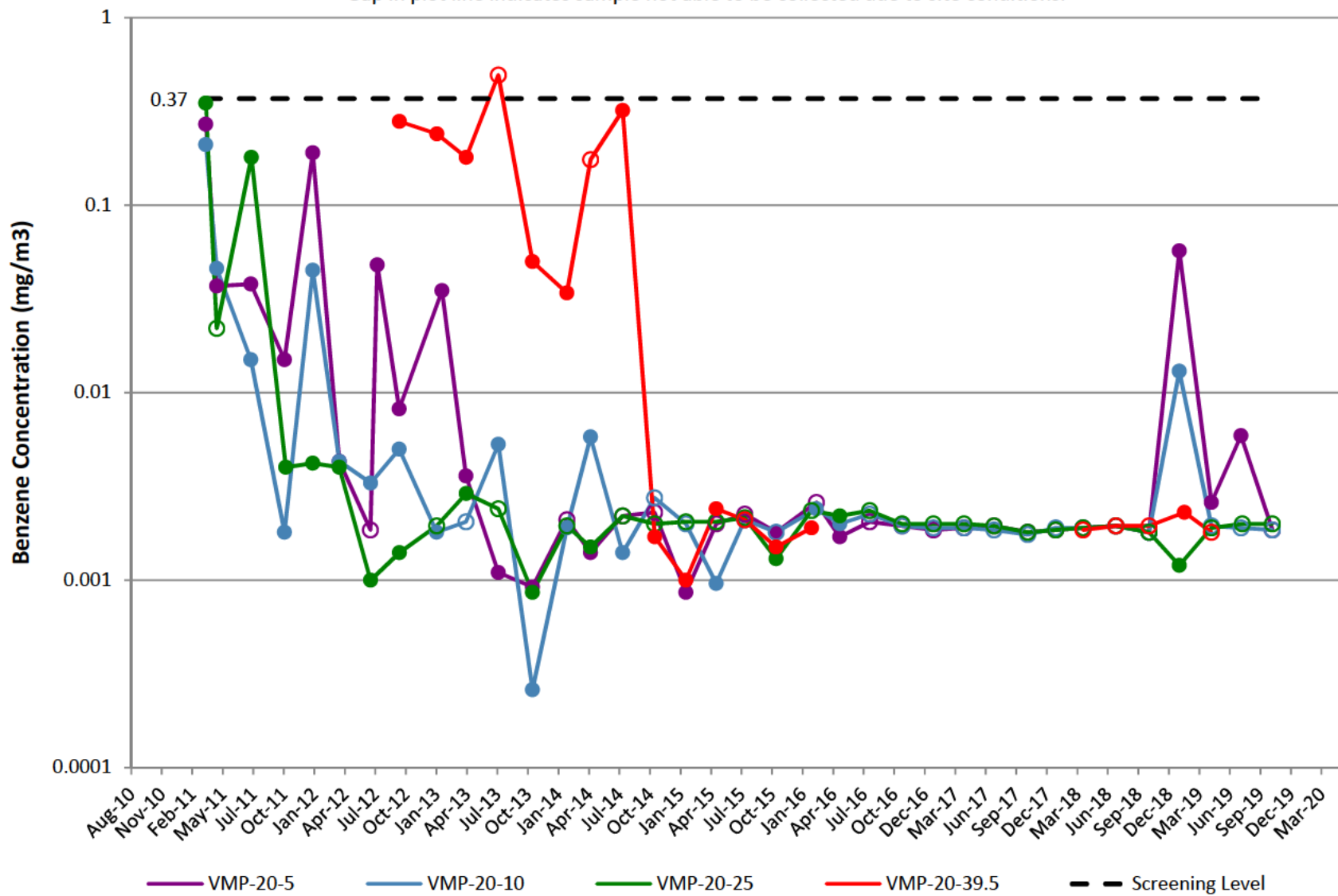
VMP-19

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



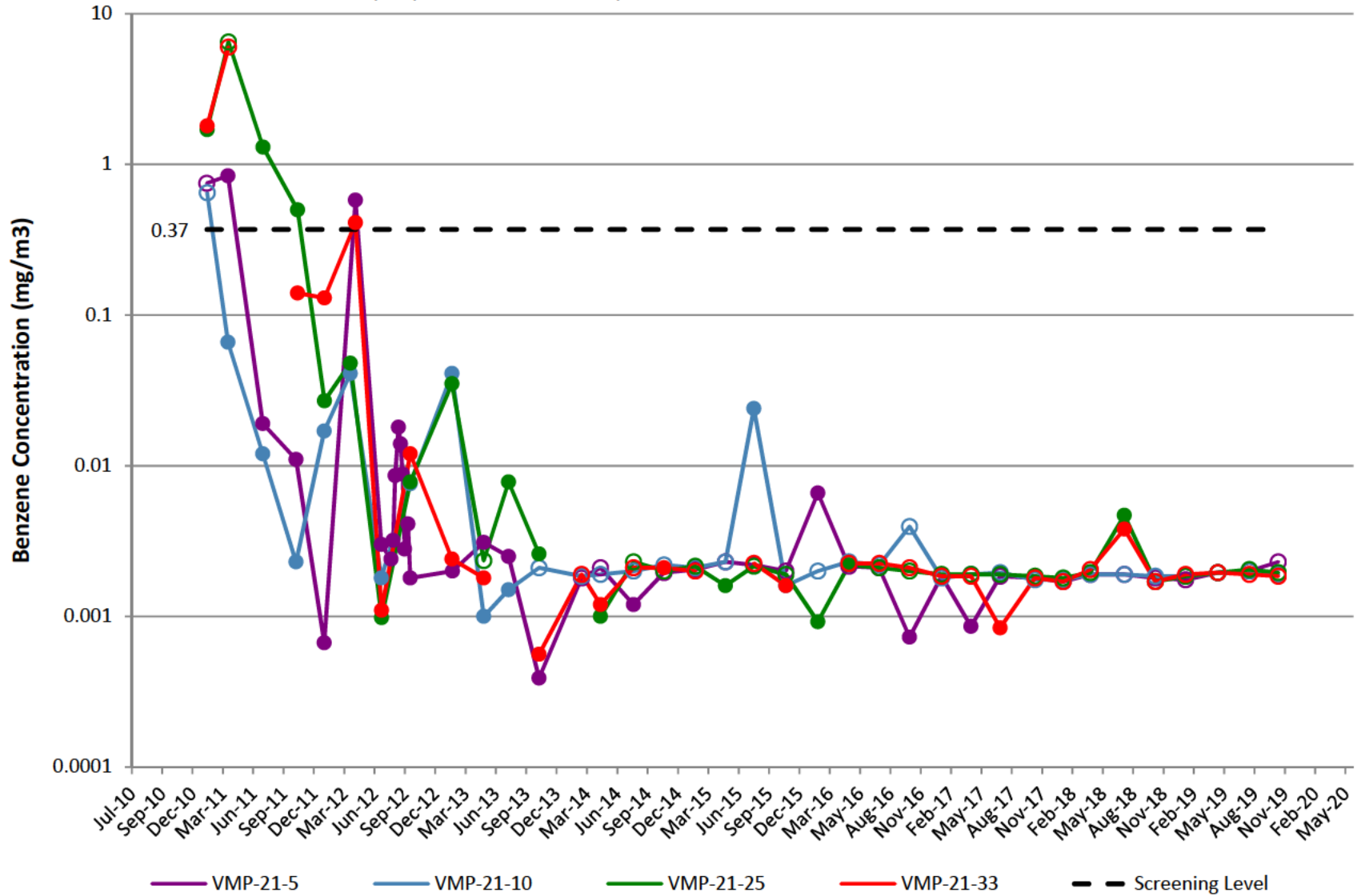
VMP-20

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



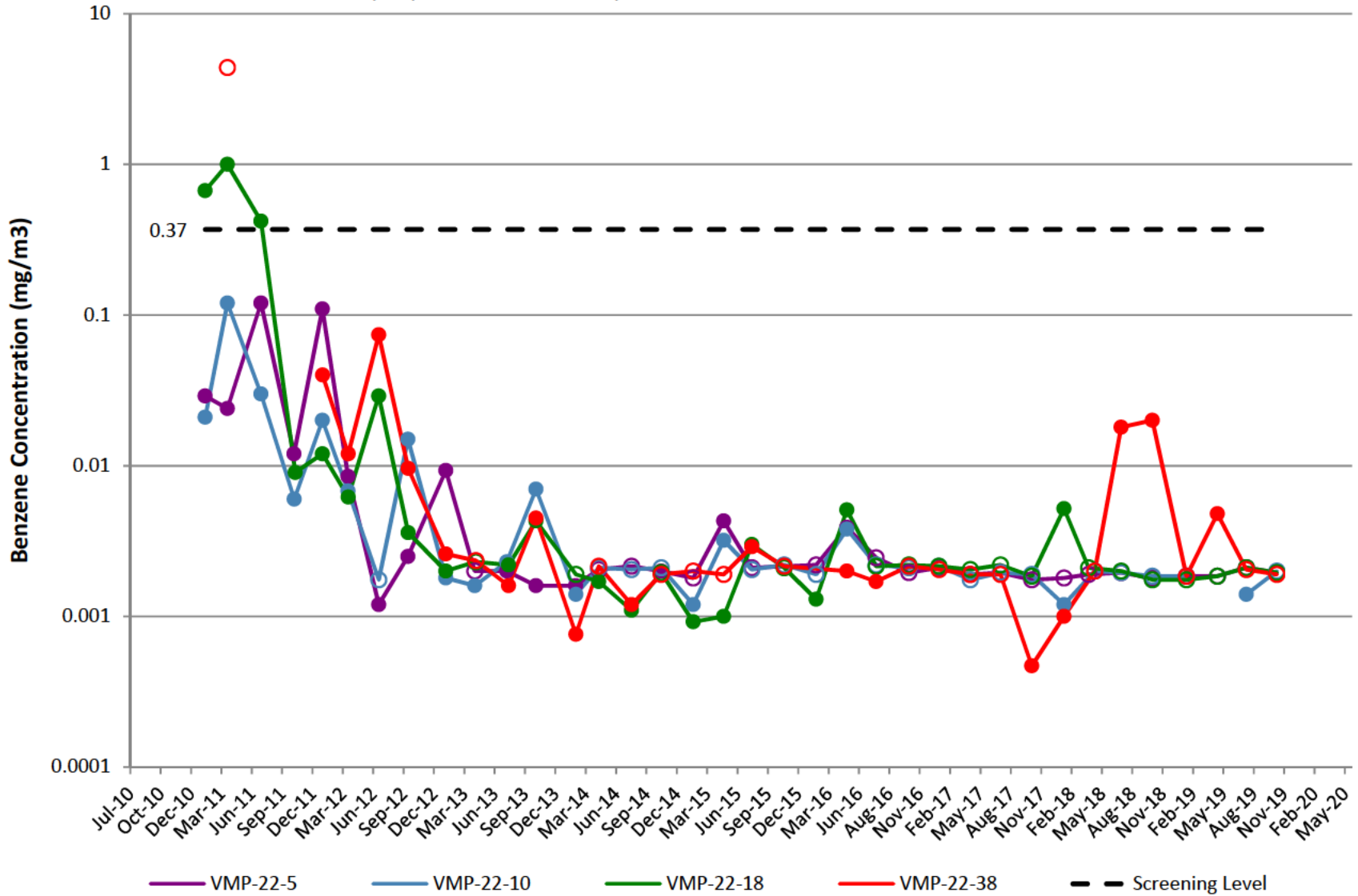
VMP-21

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



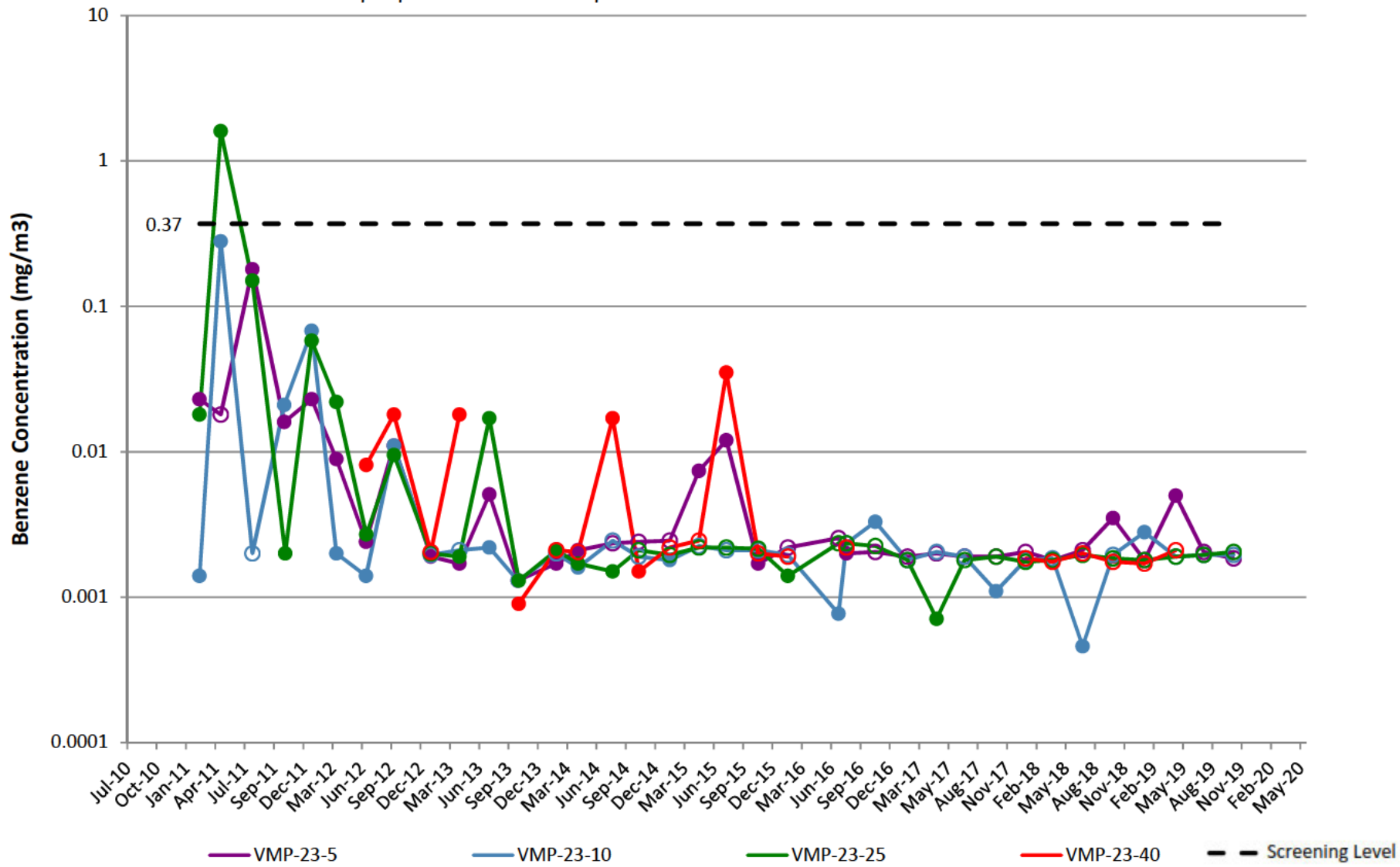
VMP-22

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



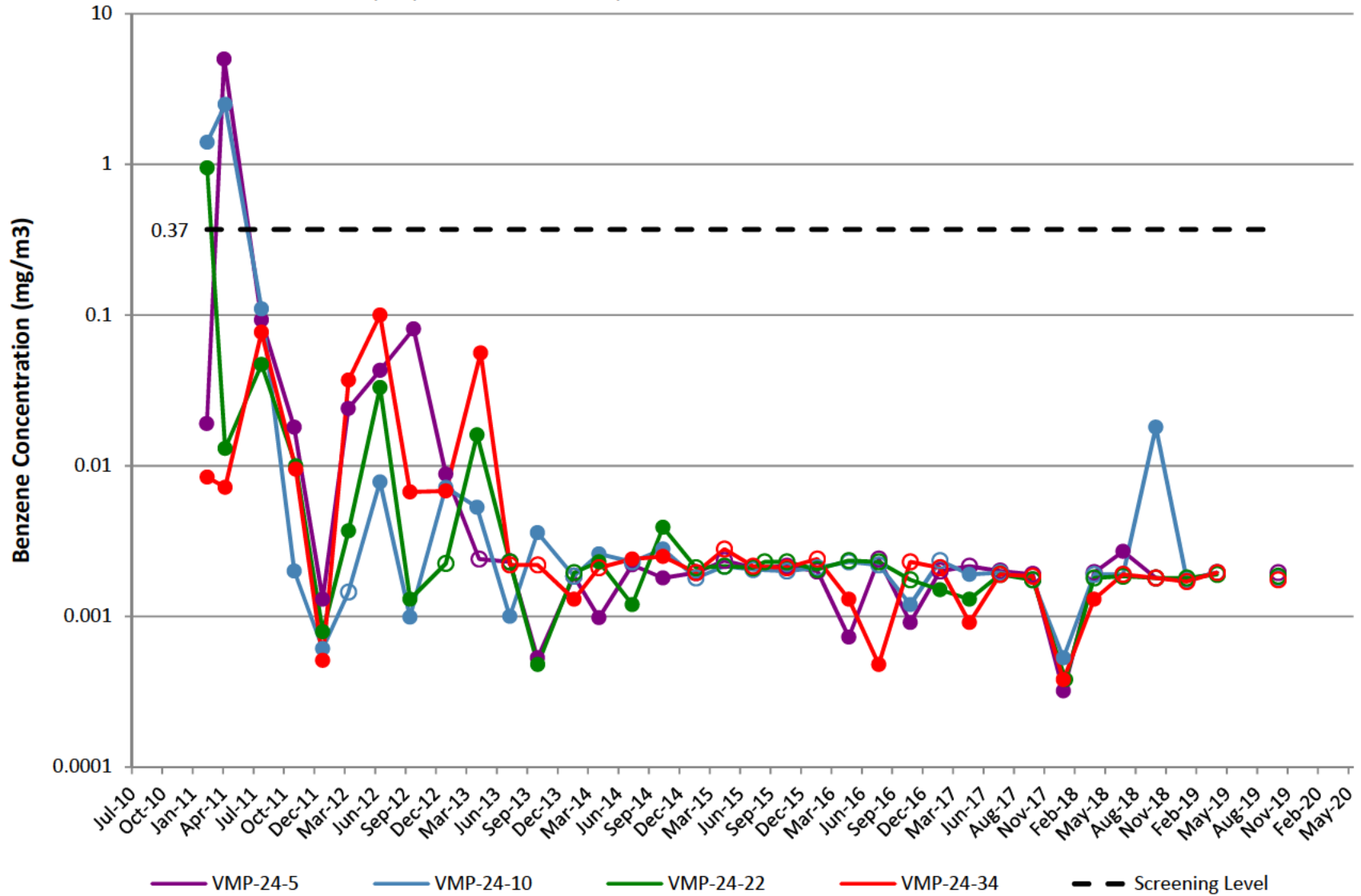
VMP-23

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



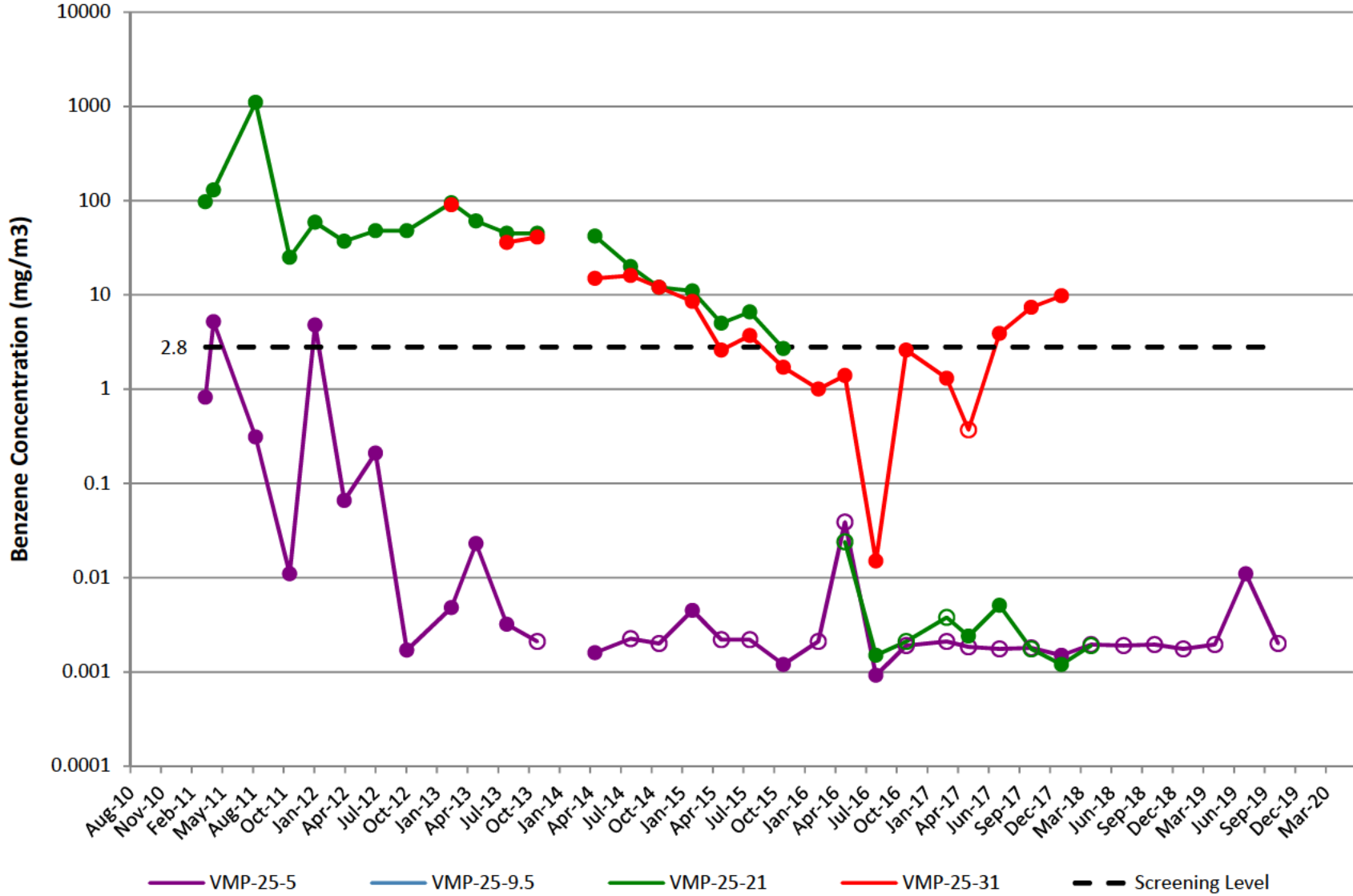
VMP-24

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



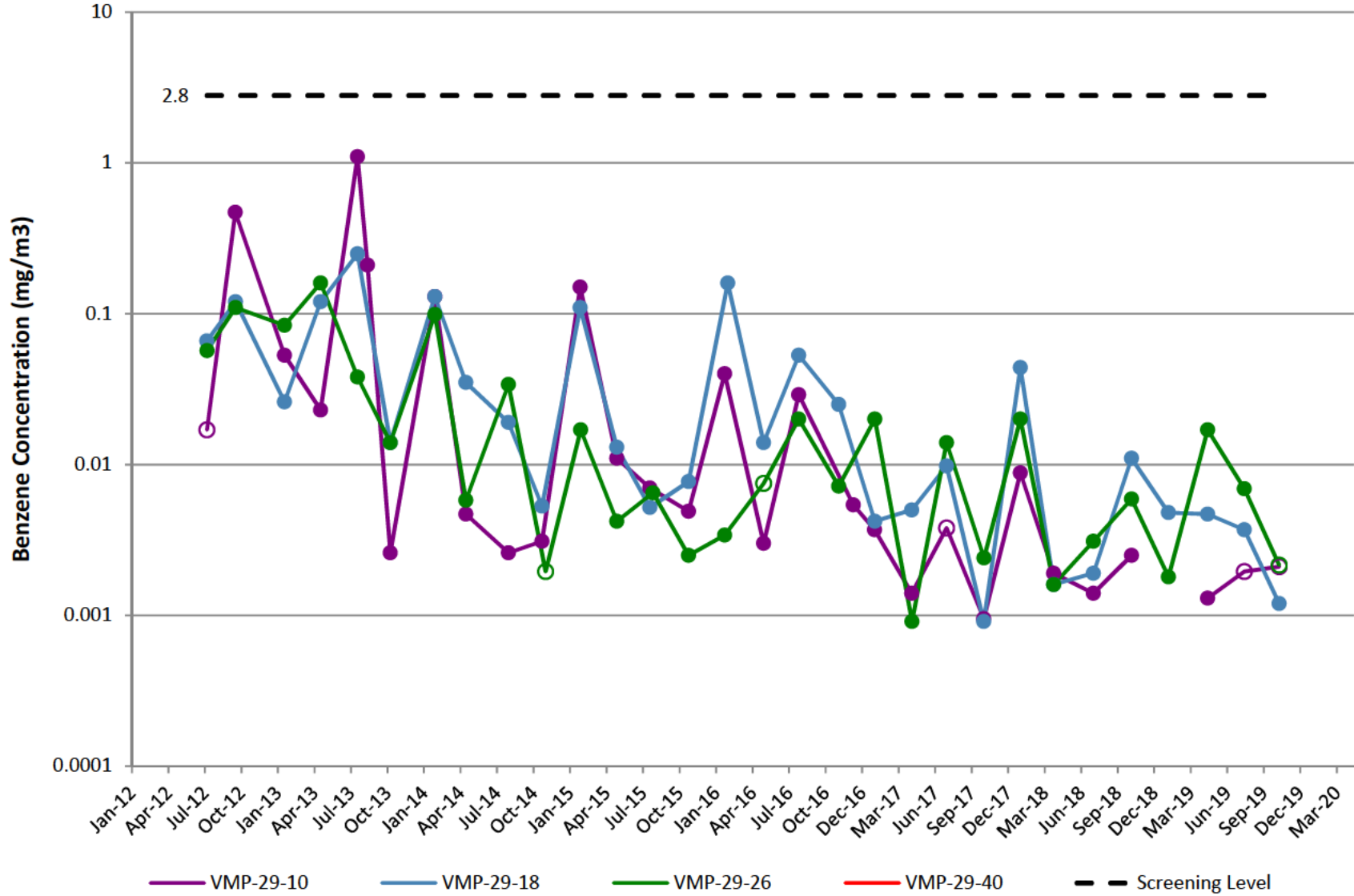
VMP-25

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



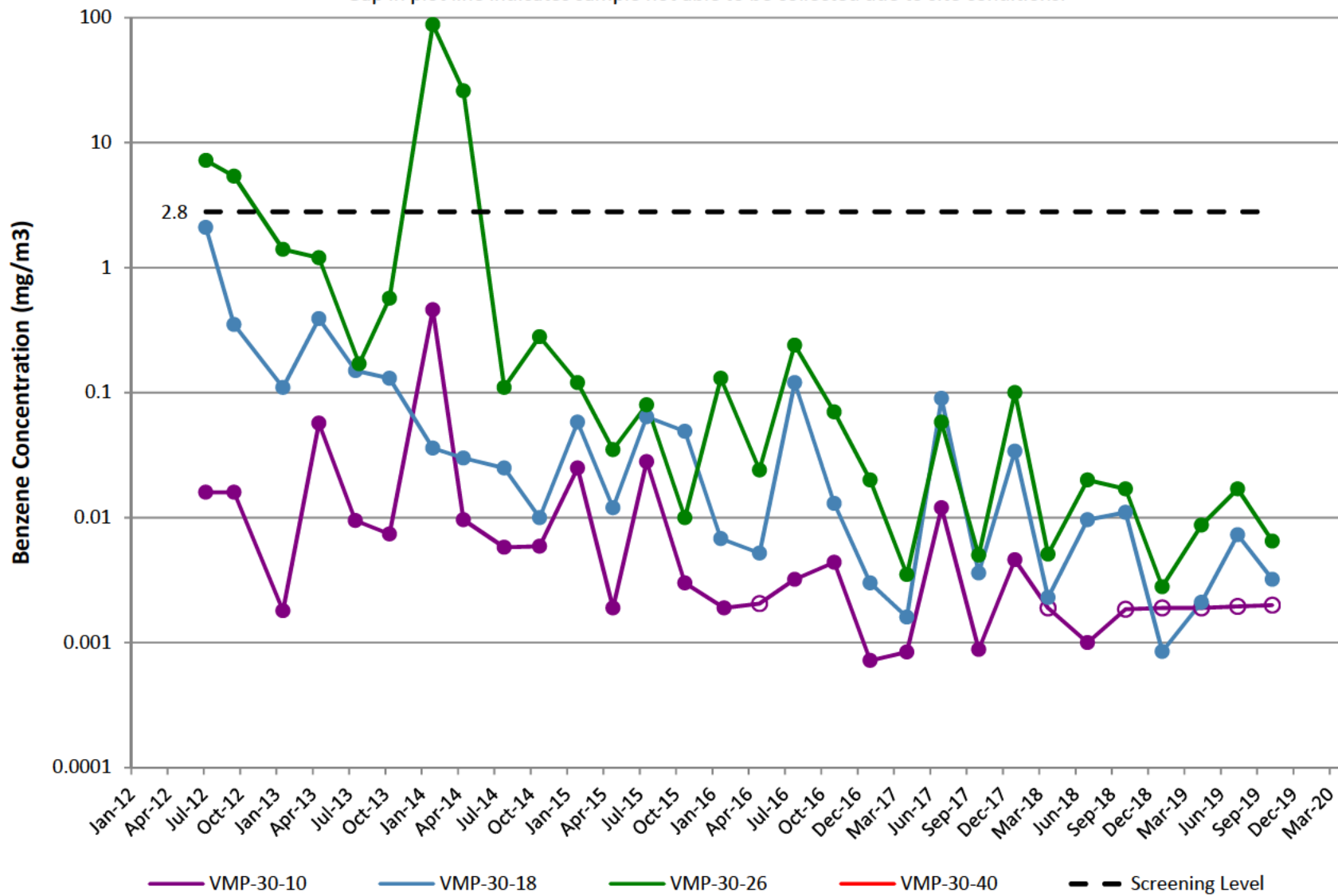
VMP-29

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



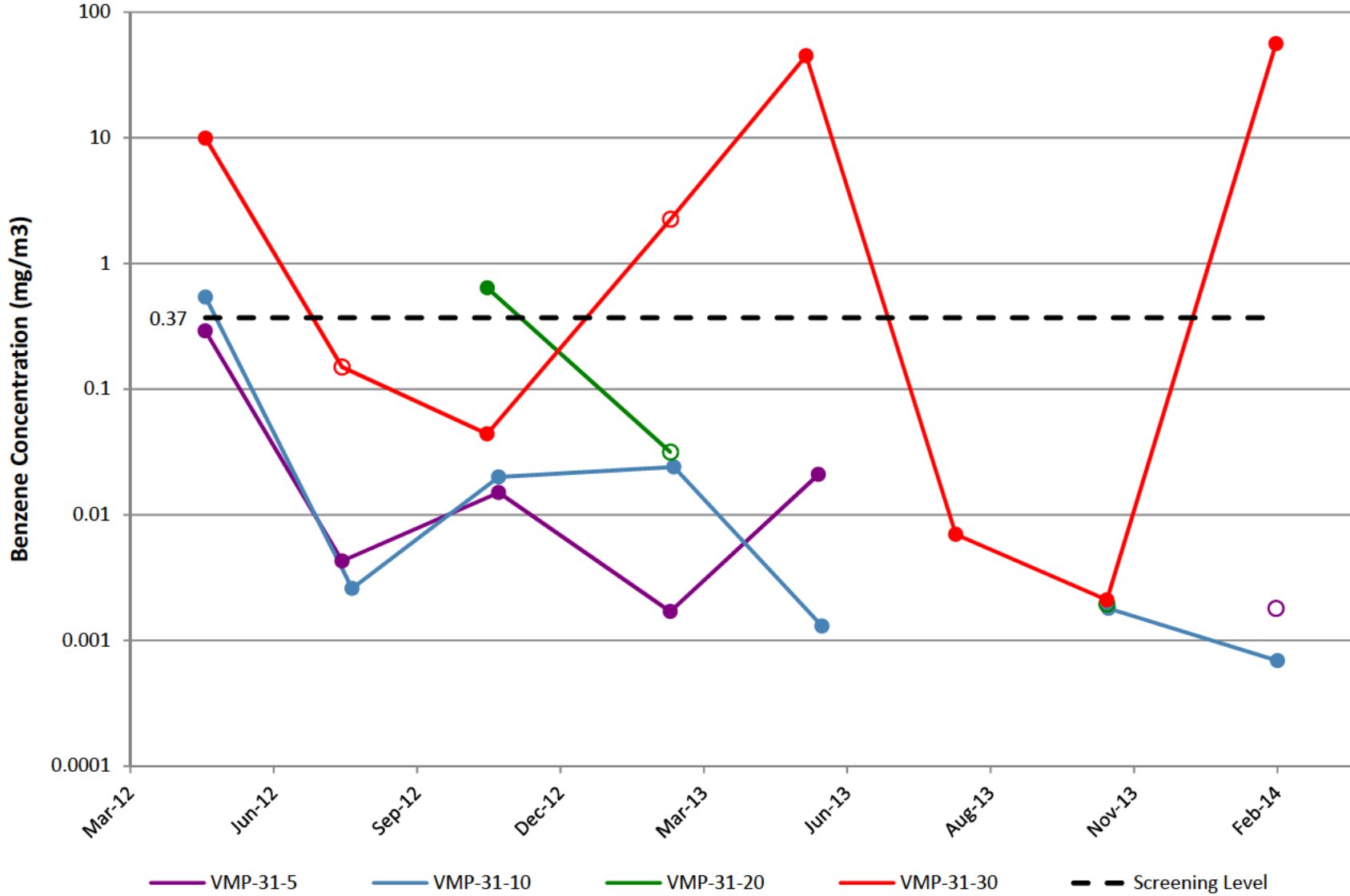
VMP-30

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



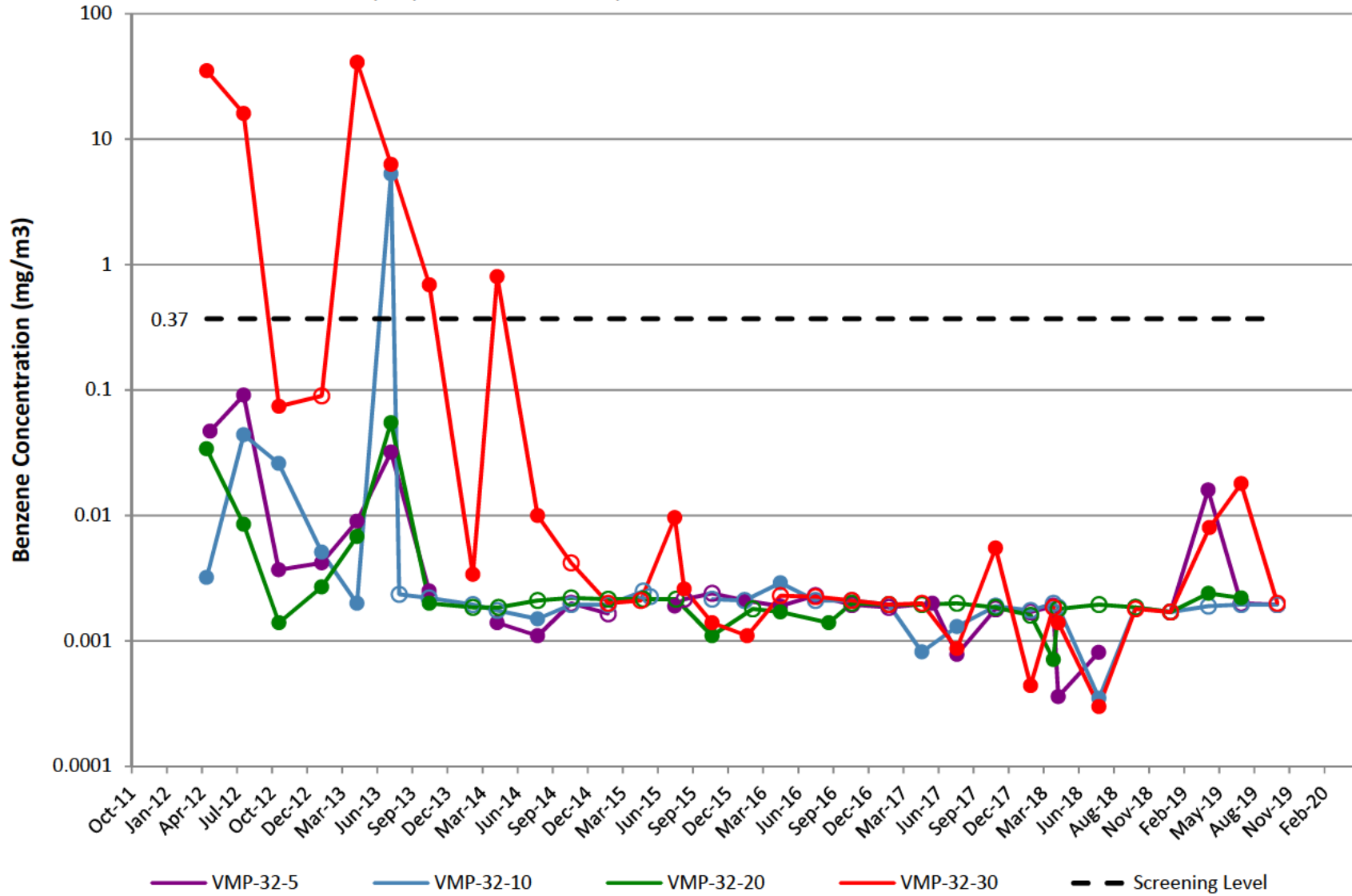
VMP-31

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



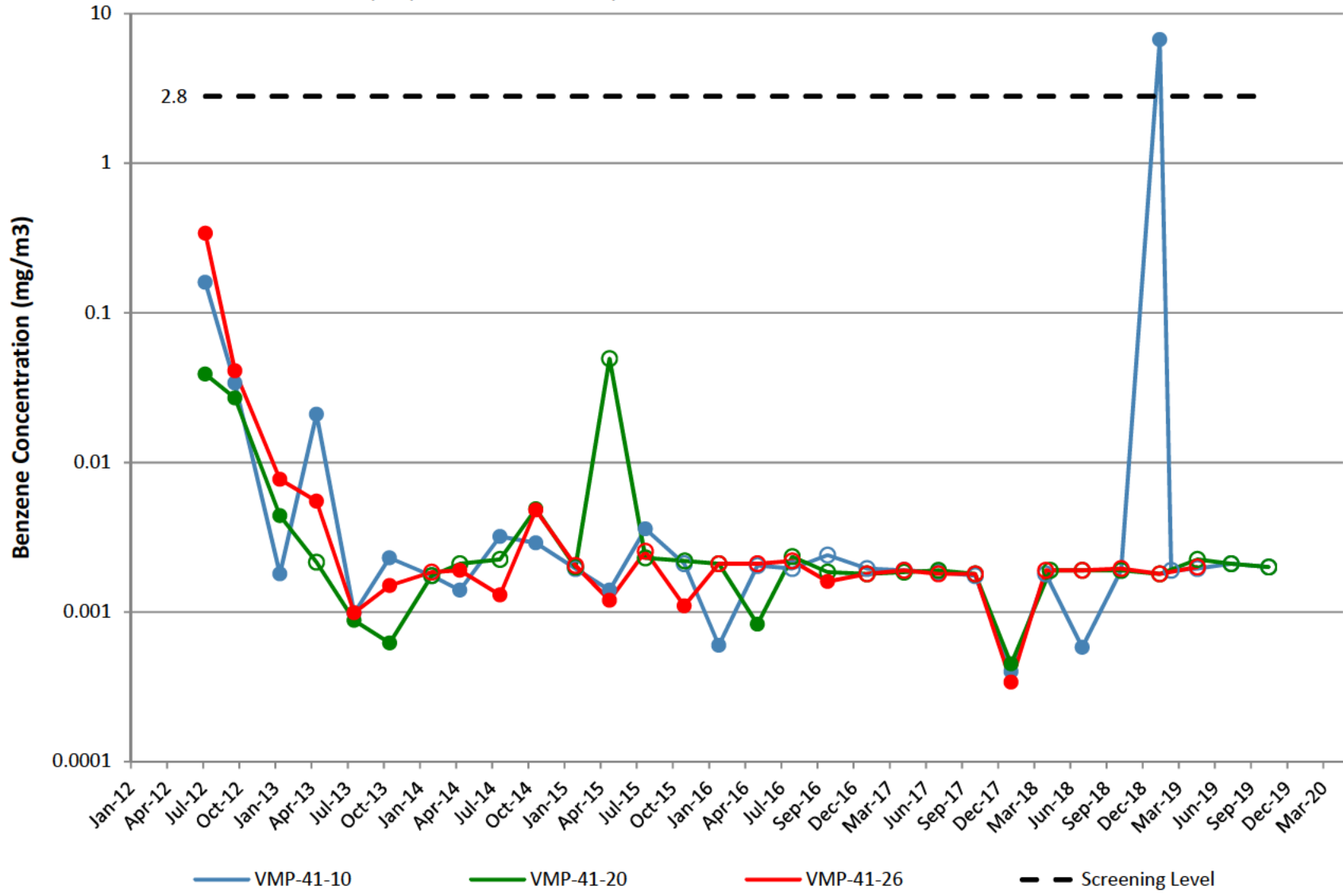
VMP-32

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



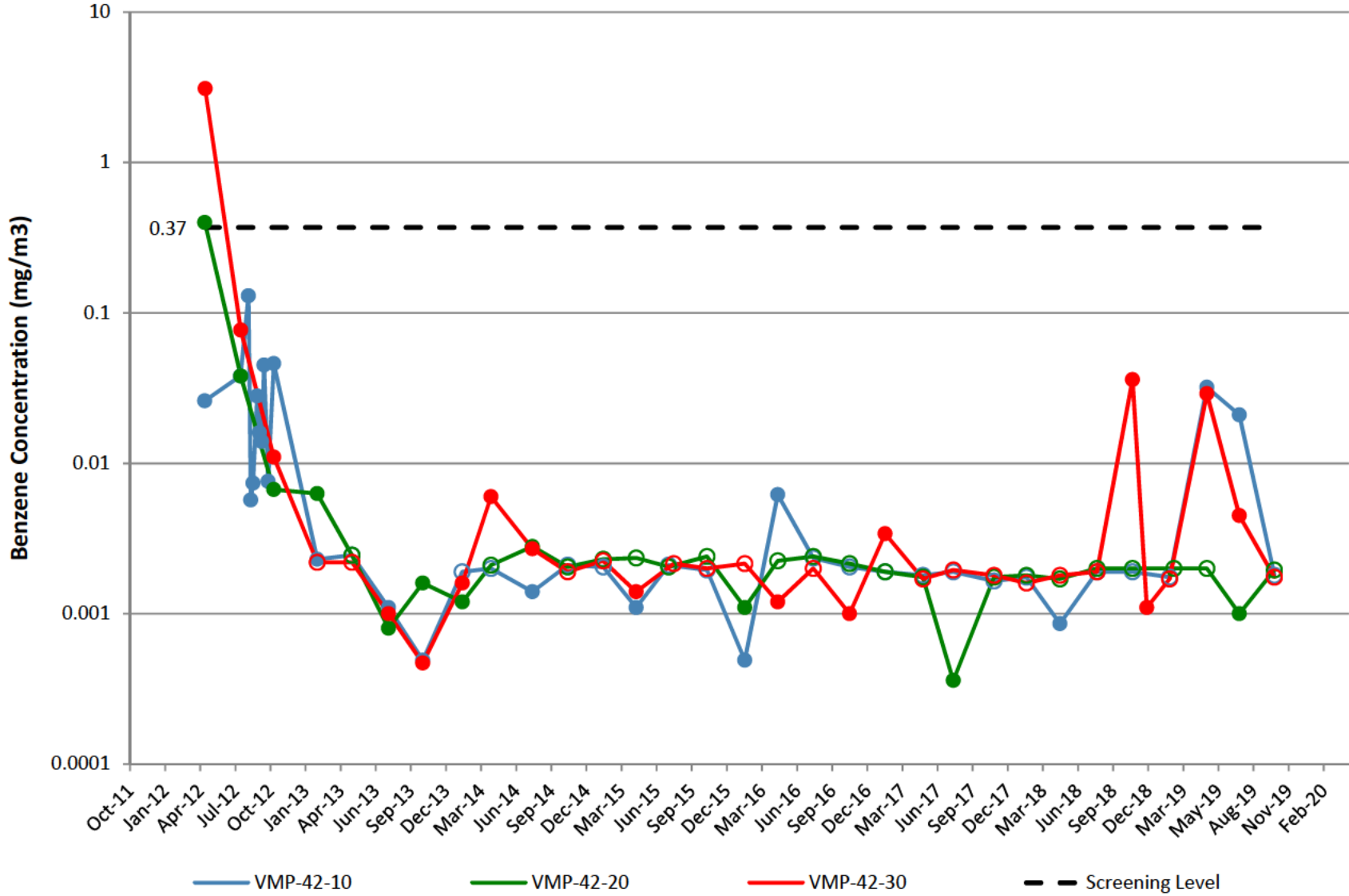
VMP-41

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



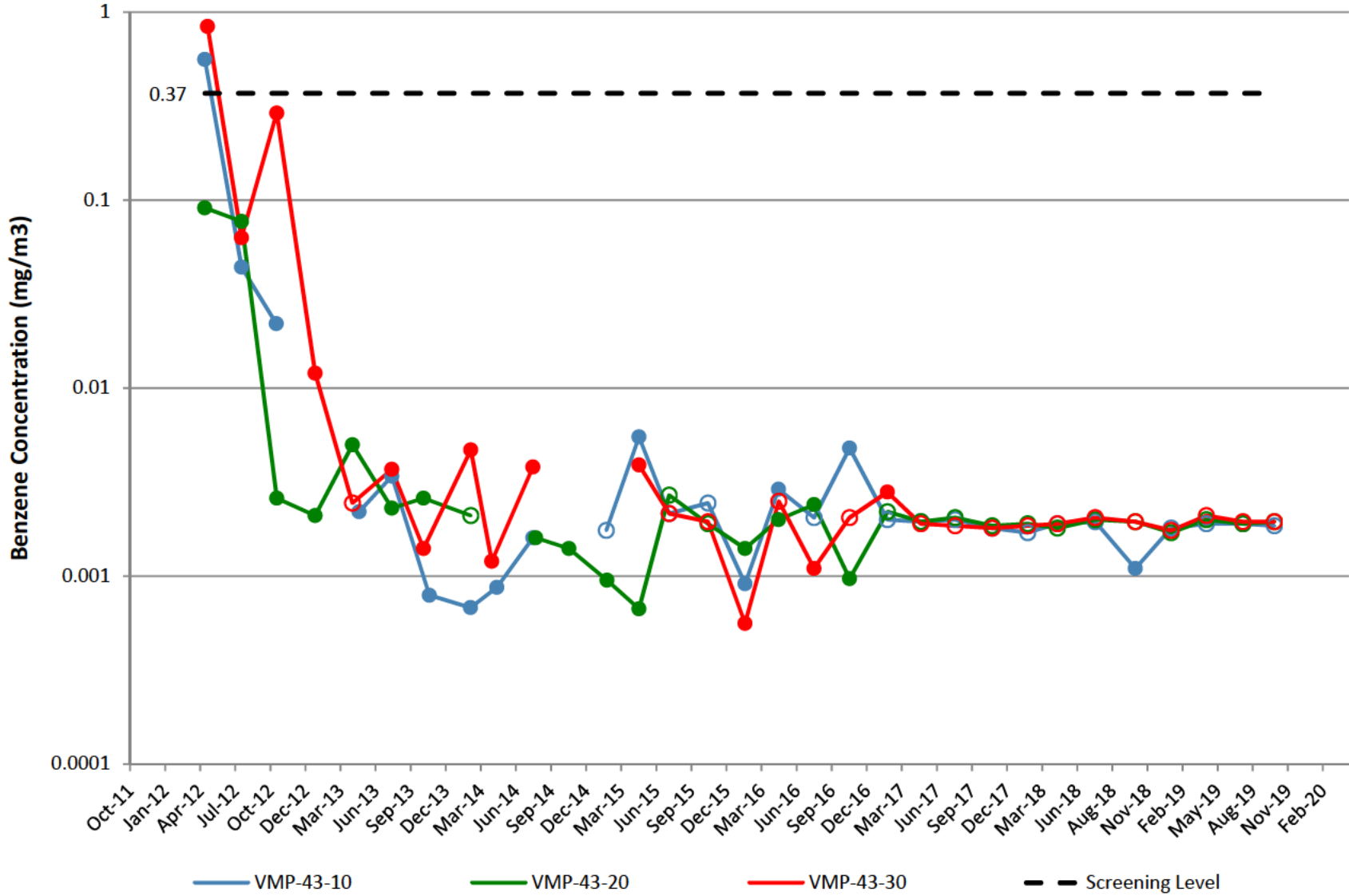
VMP-42

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



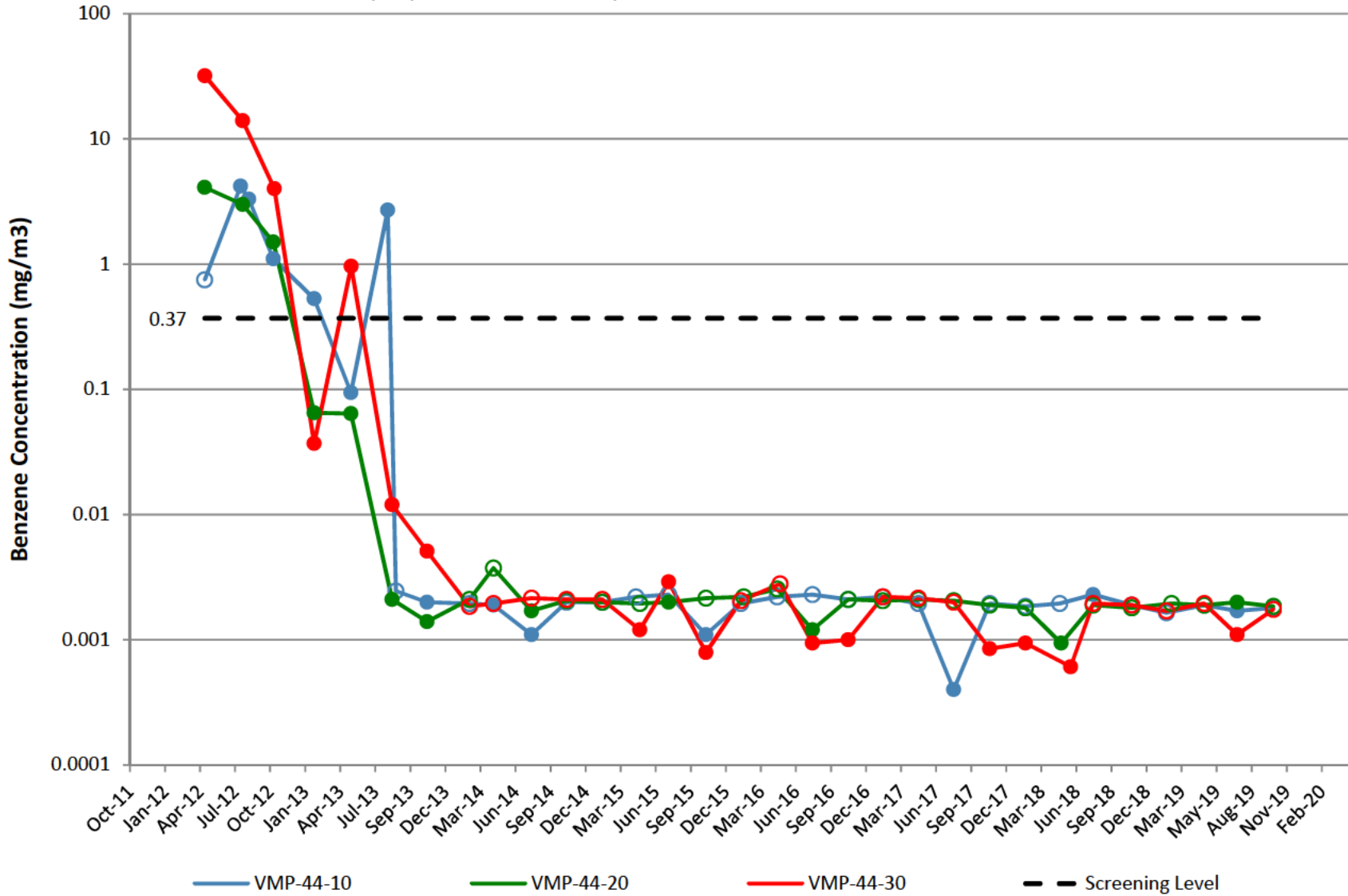
VMP-43

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



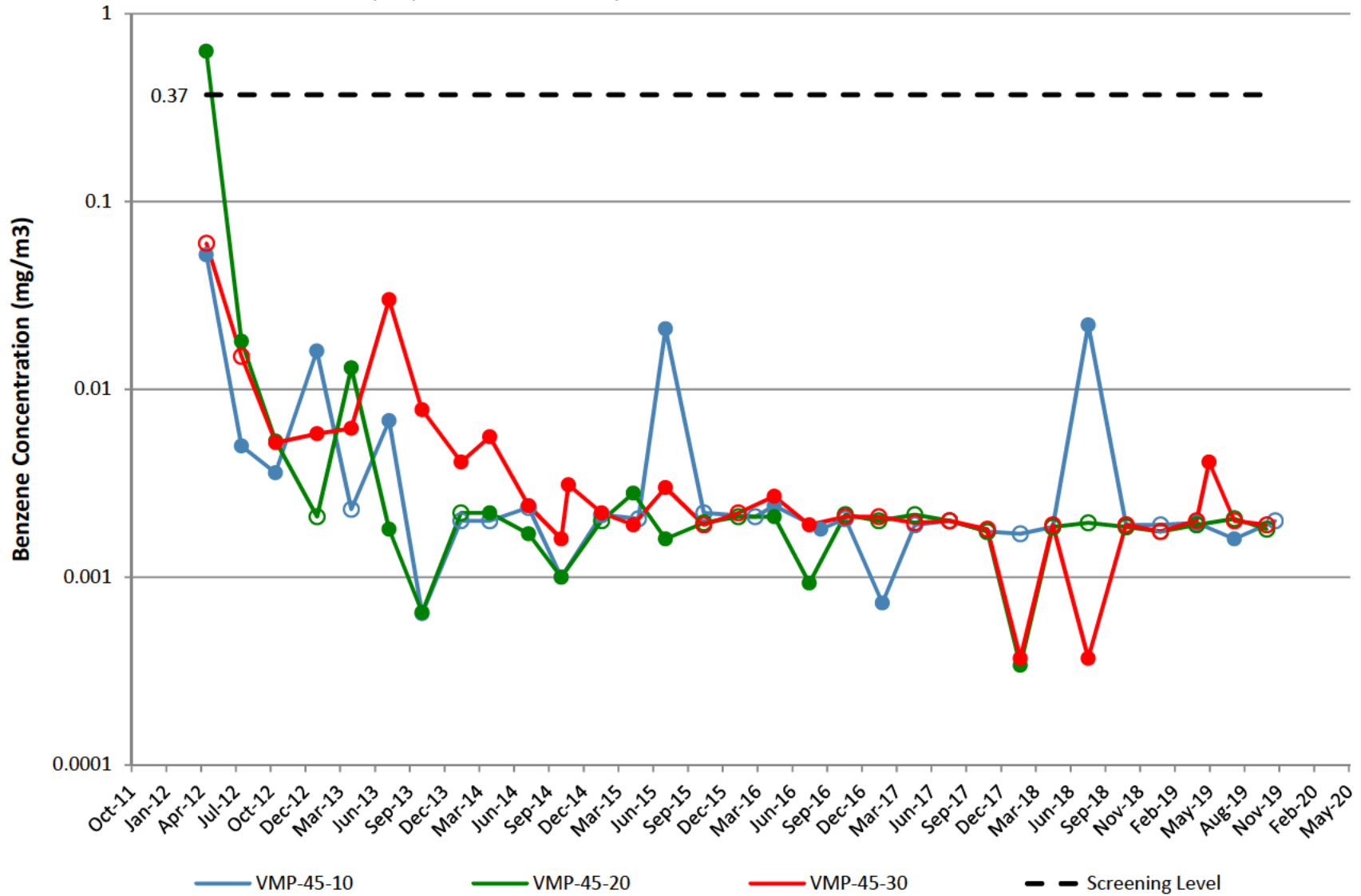
VMP-44

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



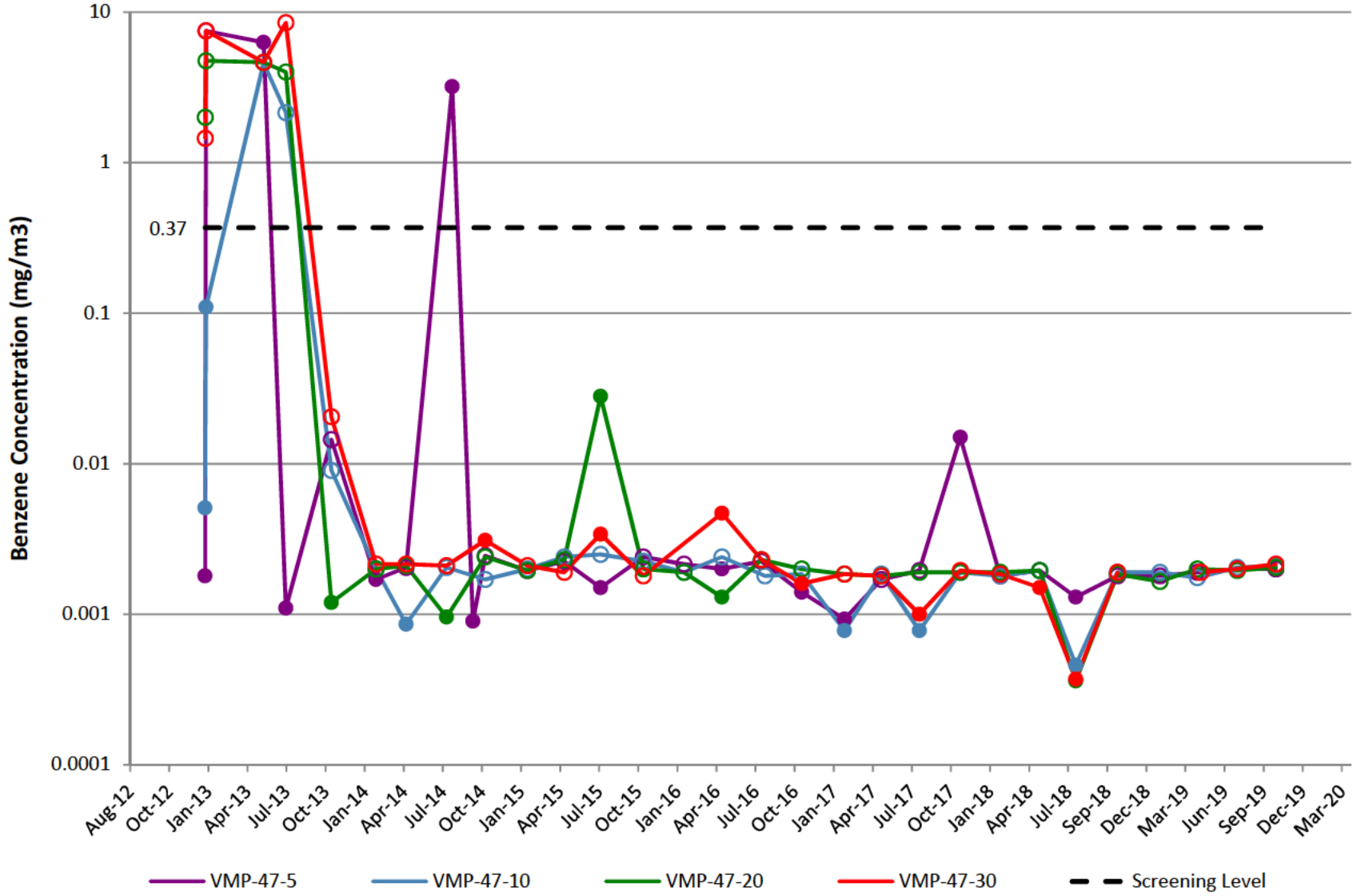
VMP-45

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



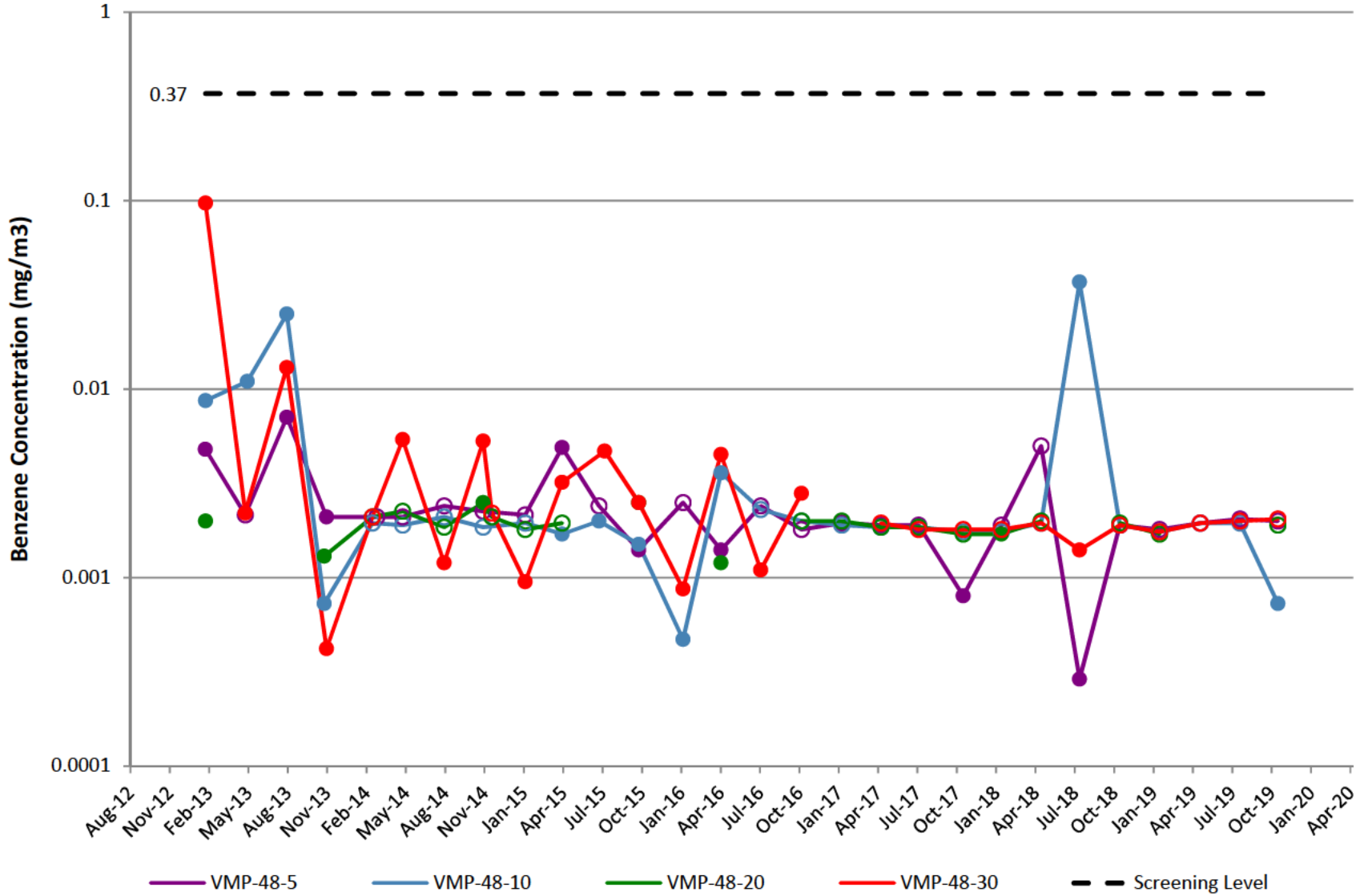
VMP-47

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



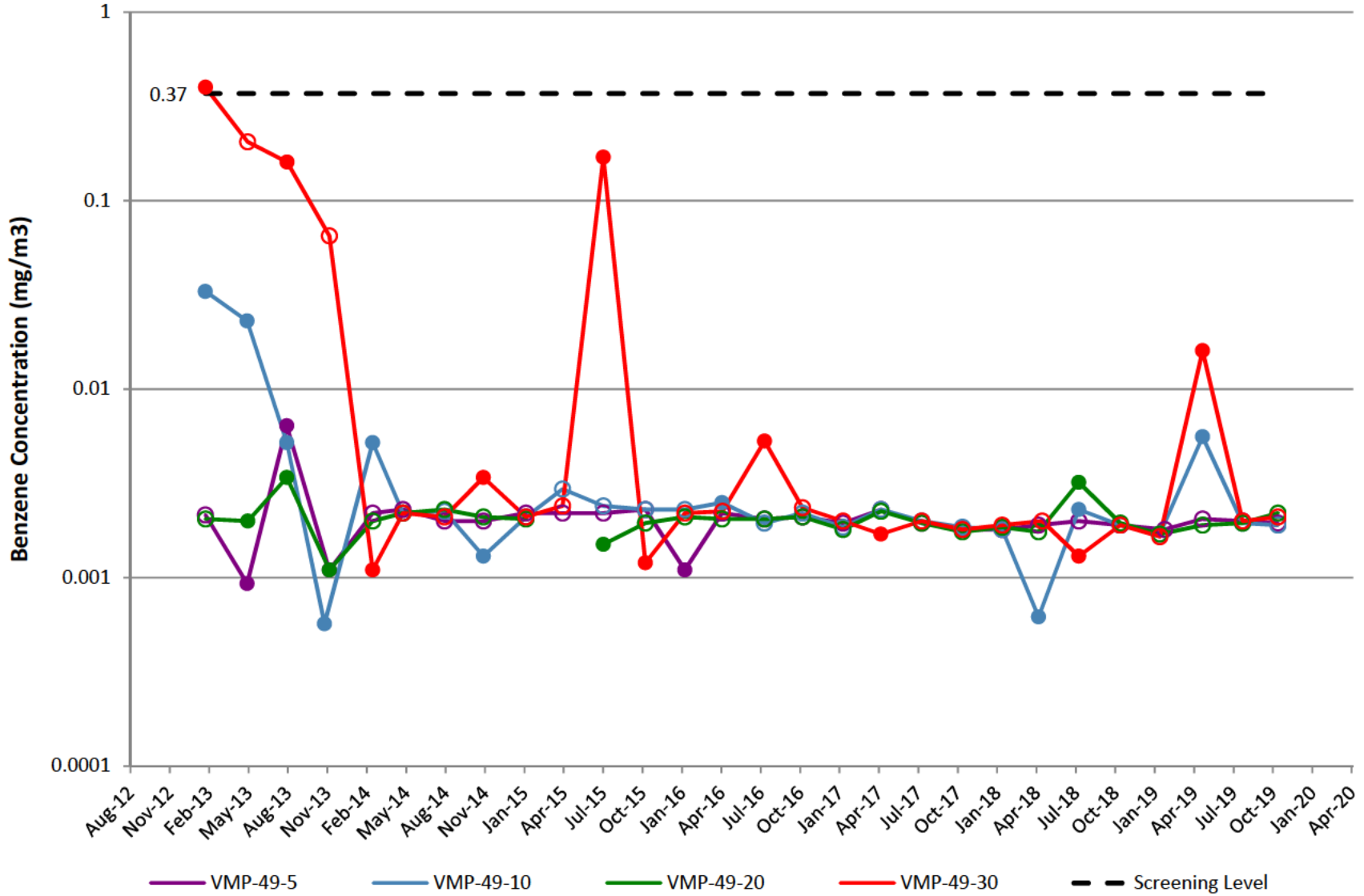
VMP-48

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



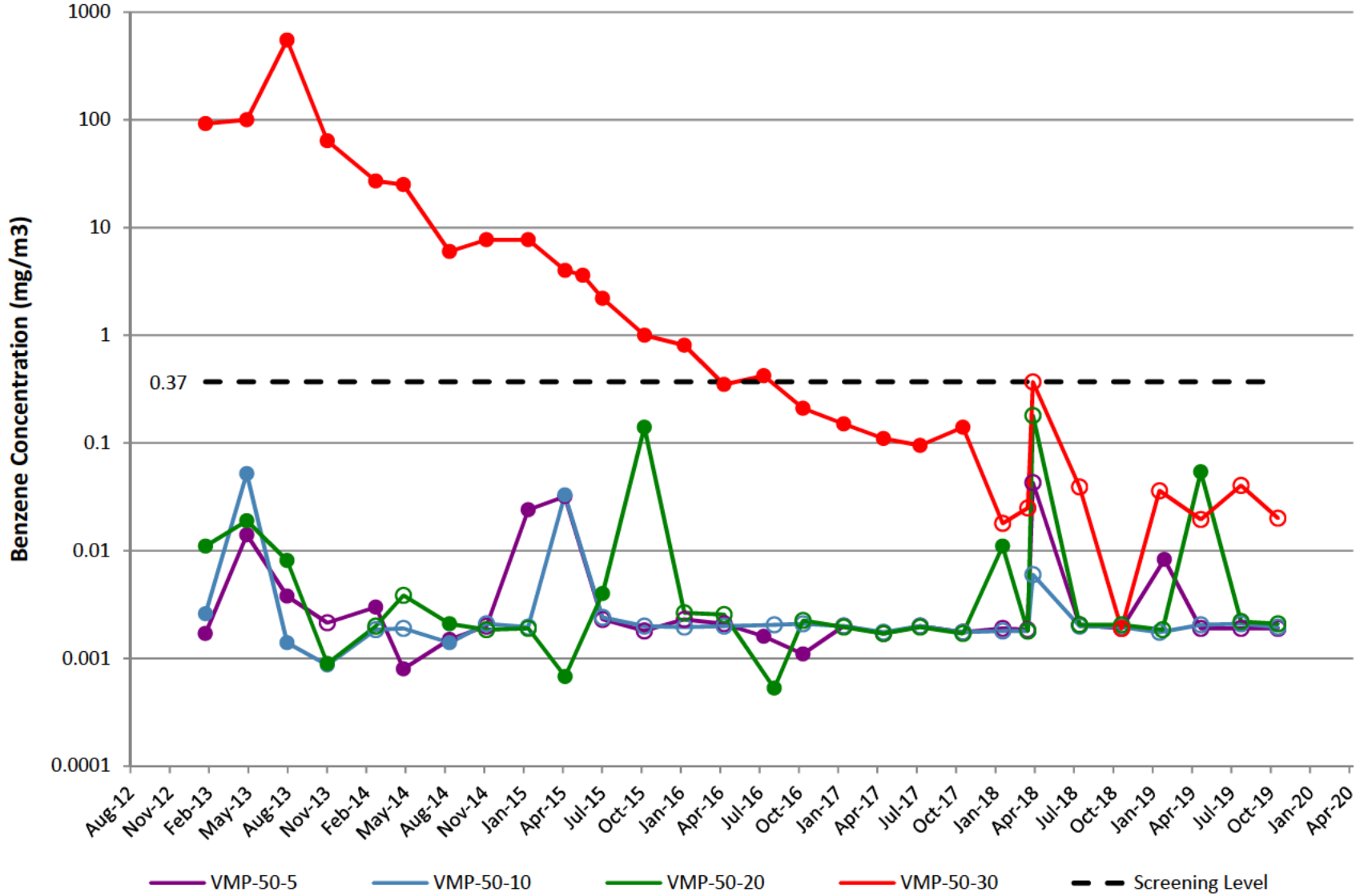
VMP-49

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



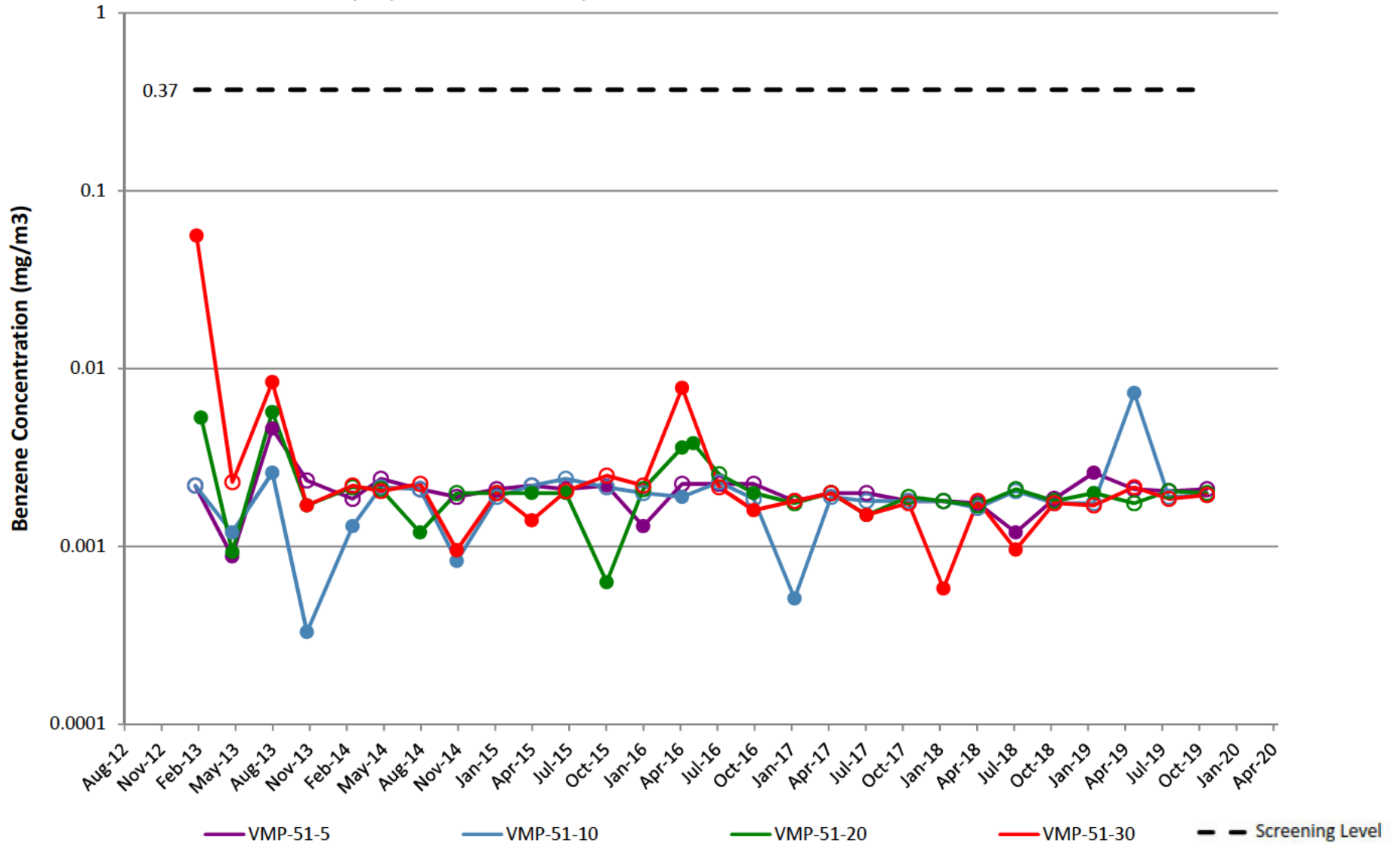
VMP-50

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



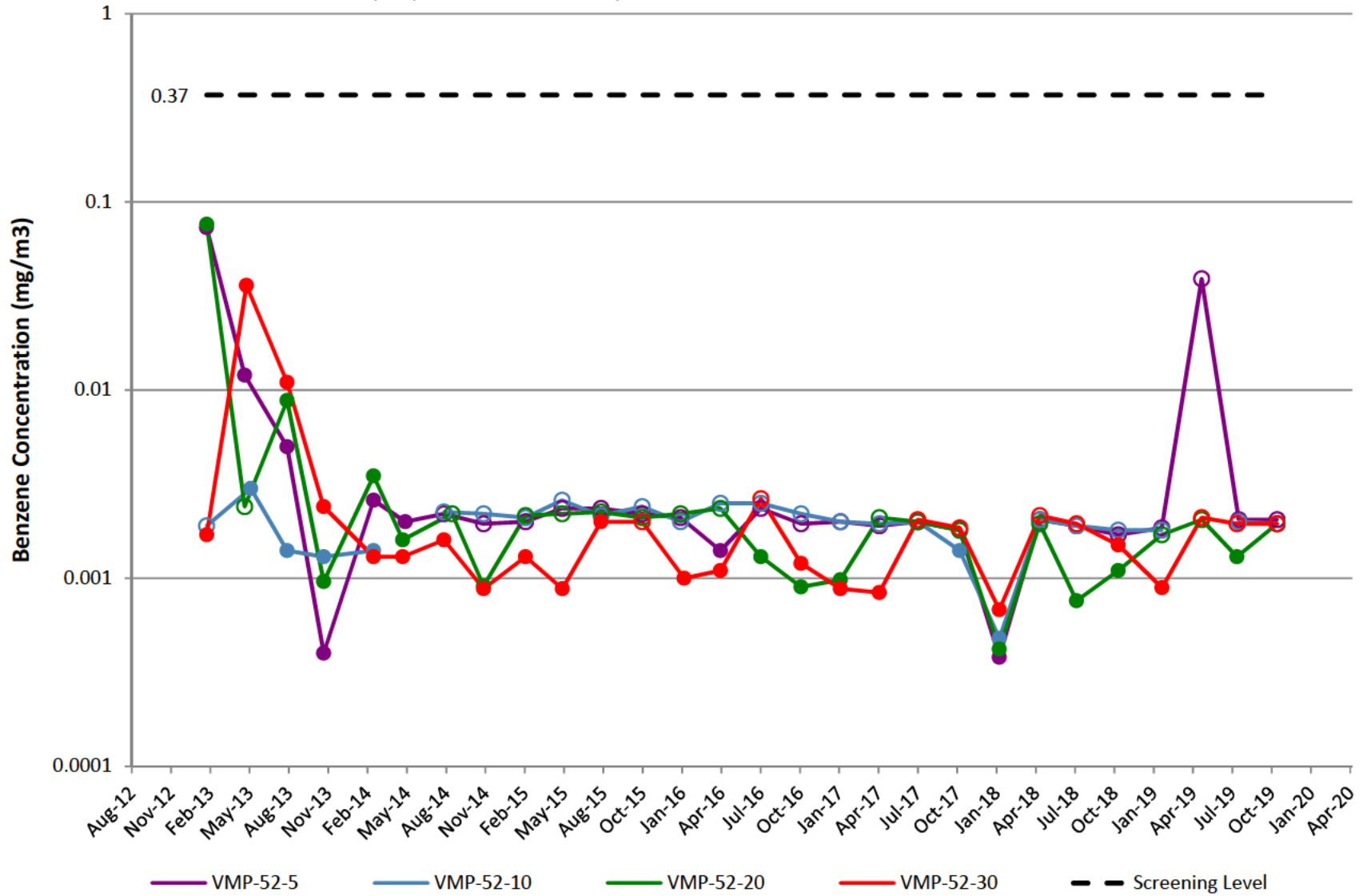
VMP-51

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



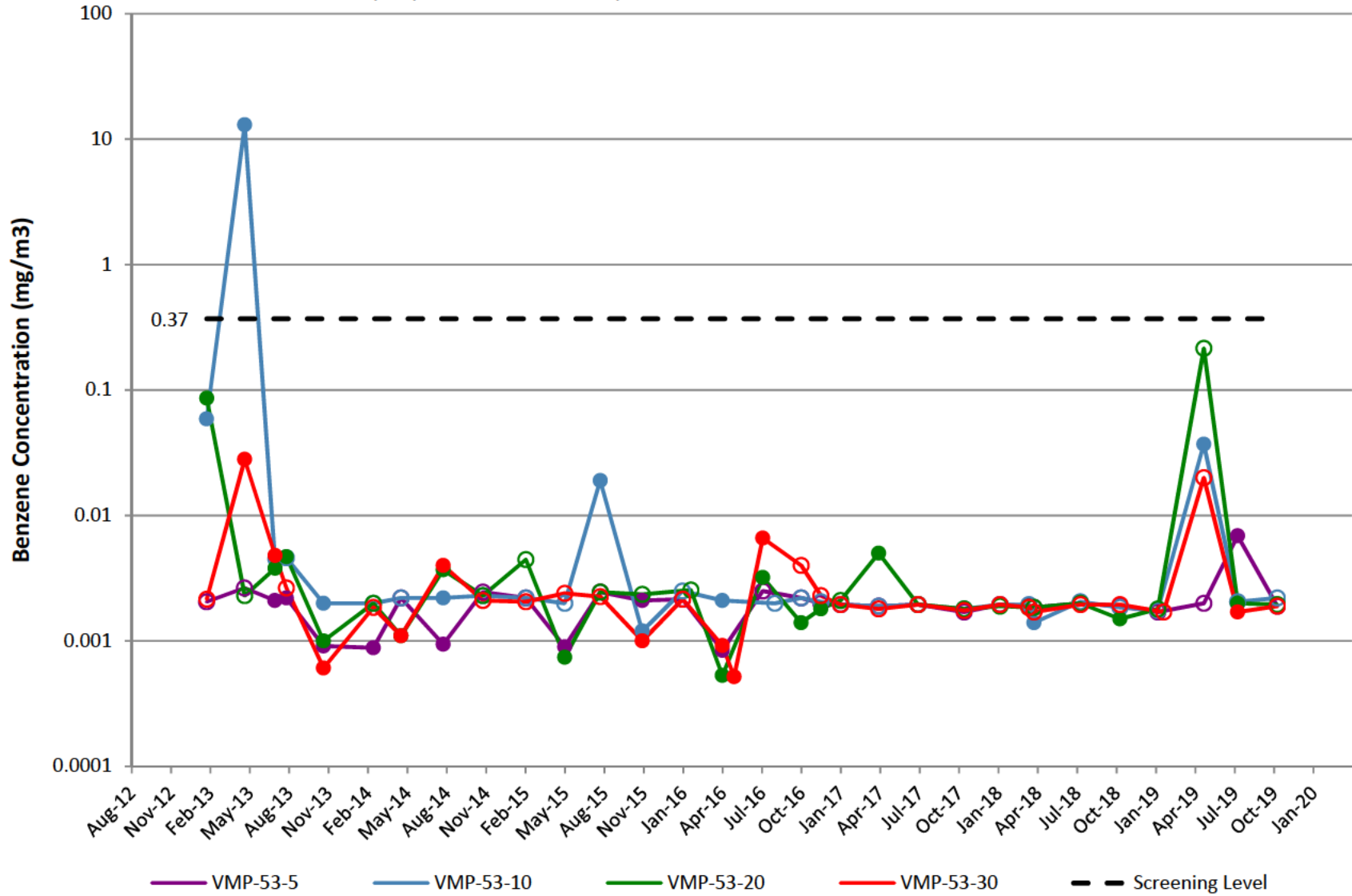
VMP-52

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



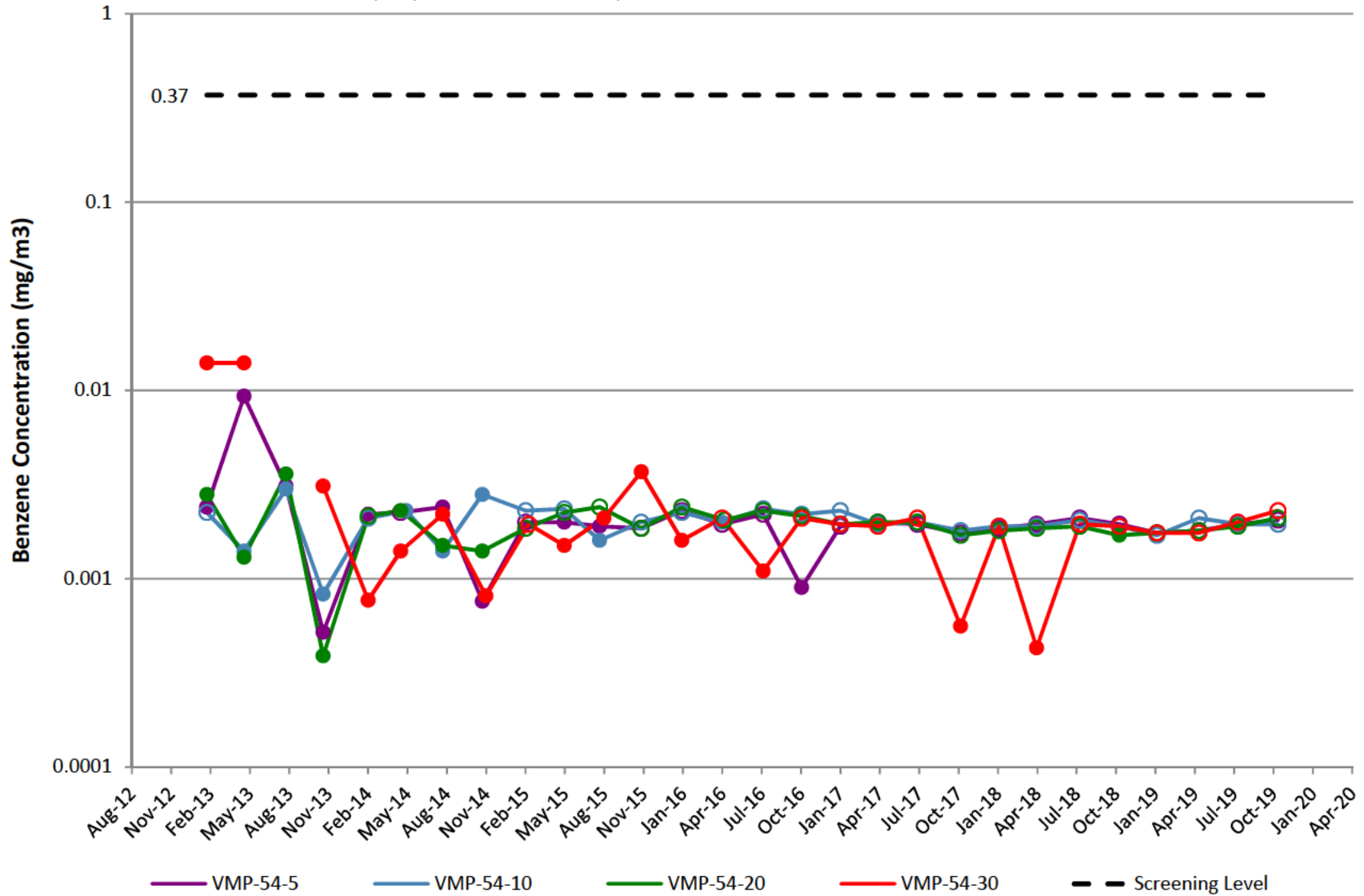
VMP-53

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



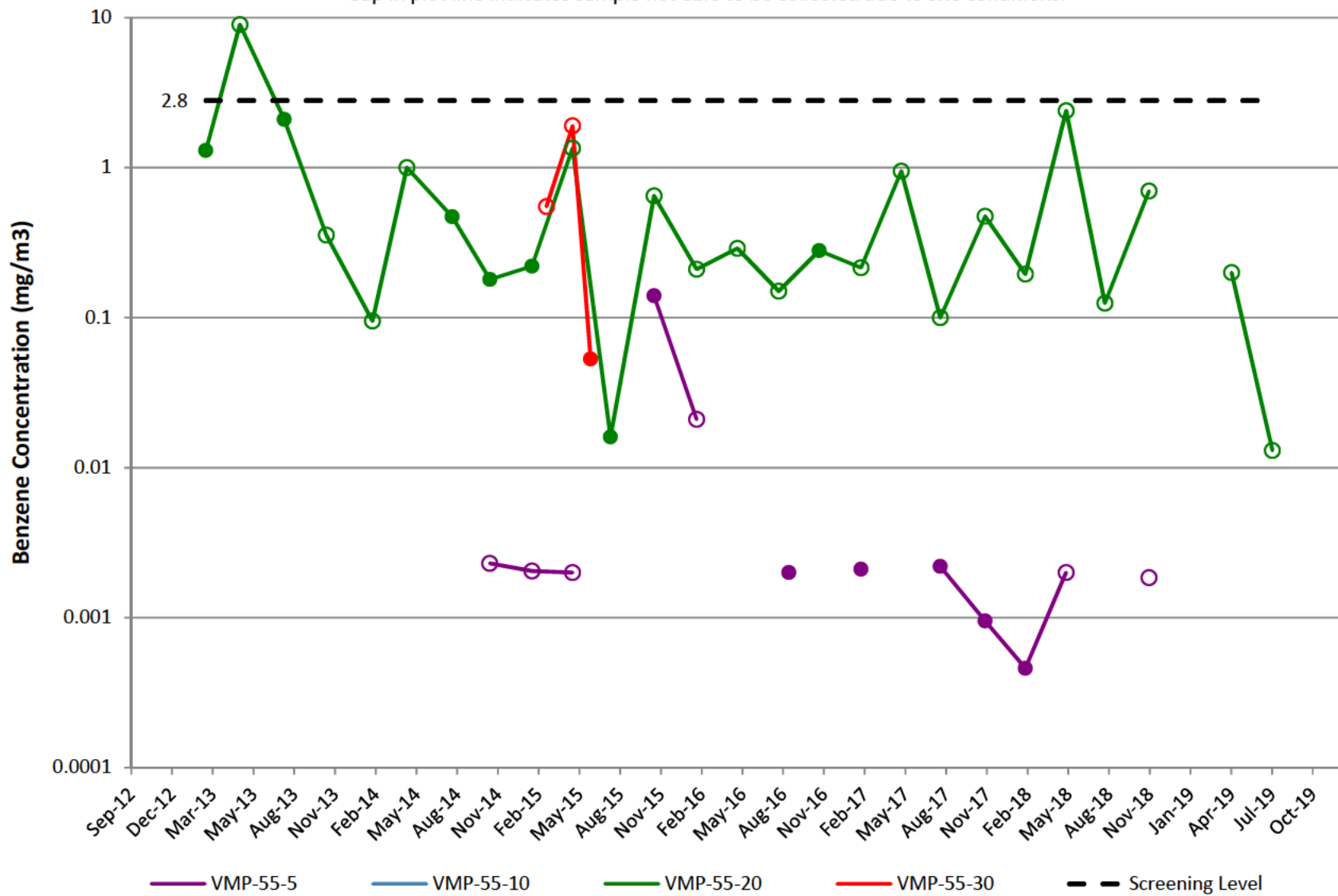
VMP-54

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



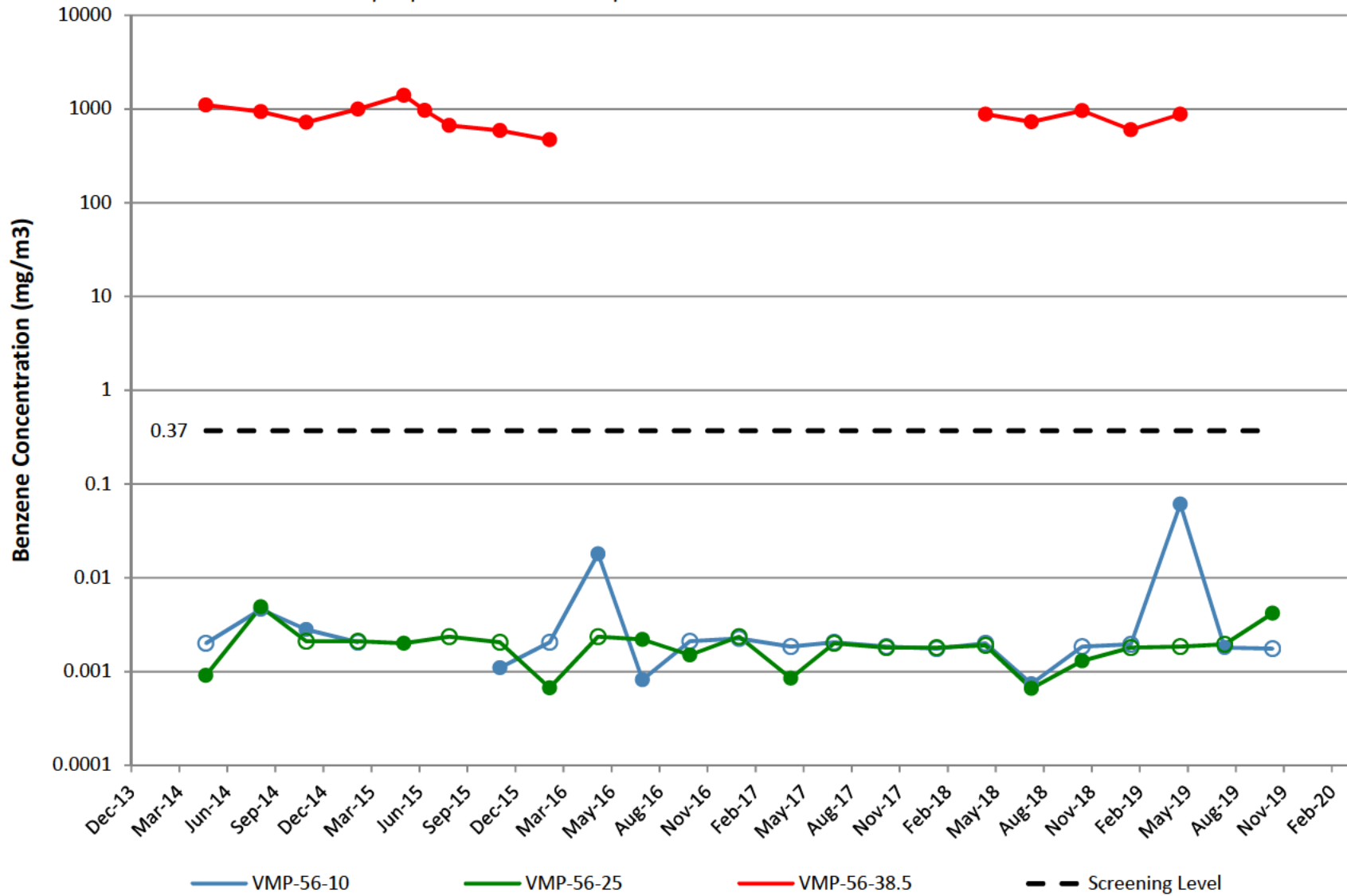
VMP-55

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



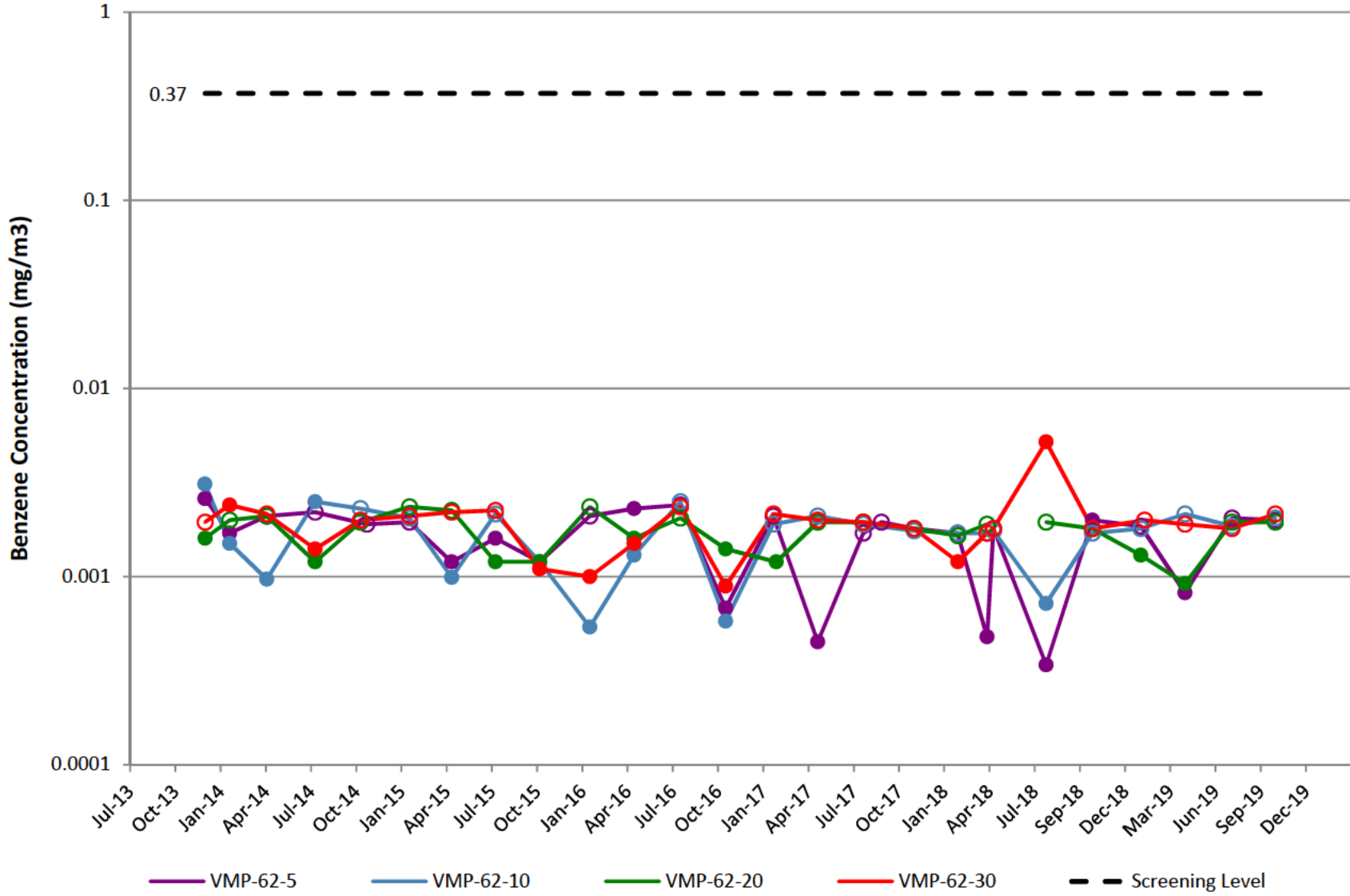
VMP-56

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



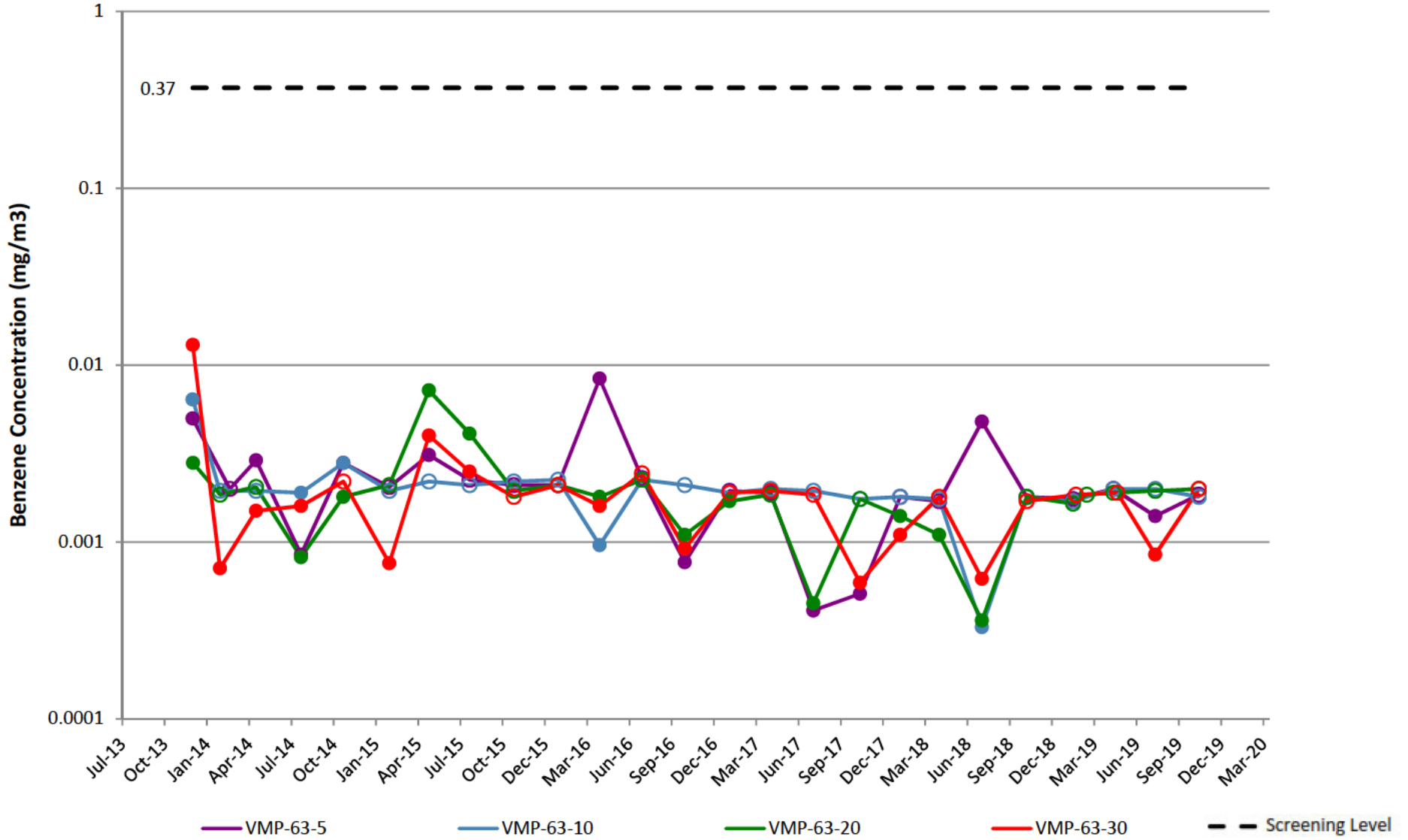
VMP-62

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



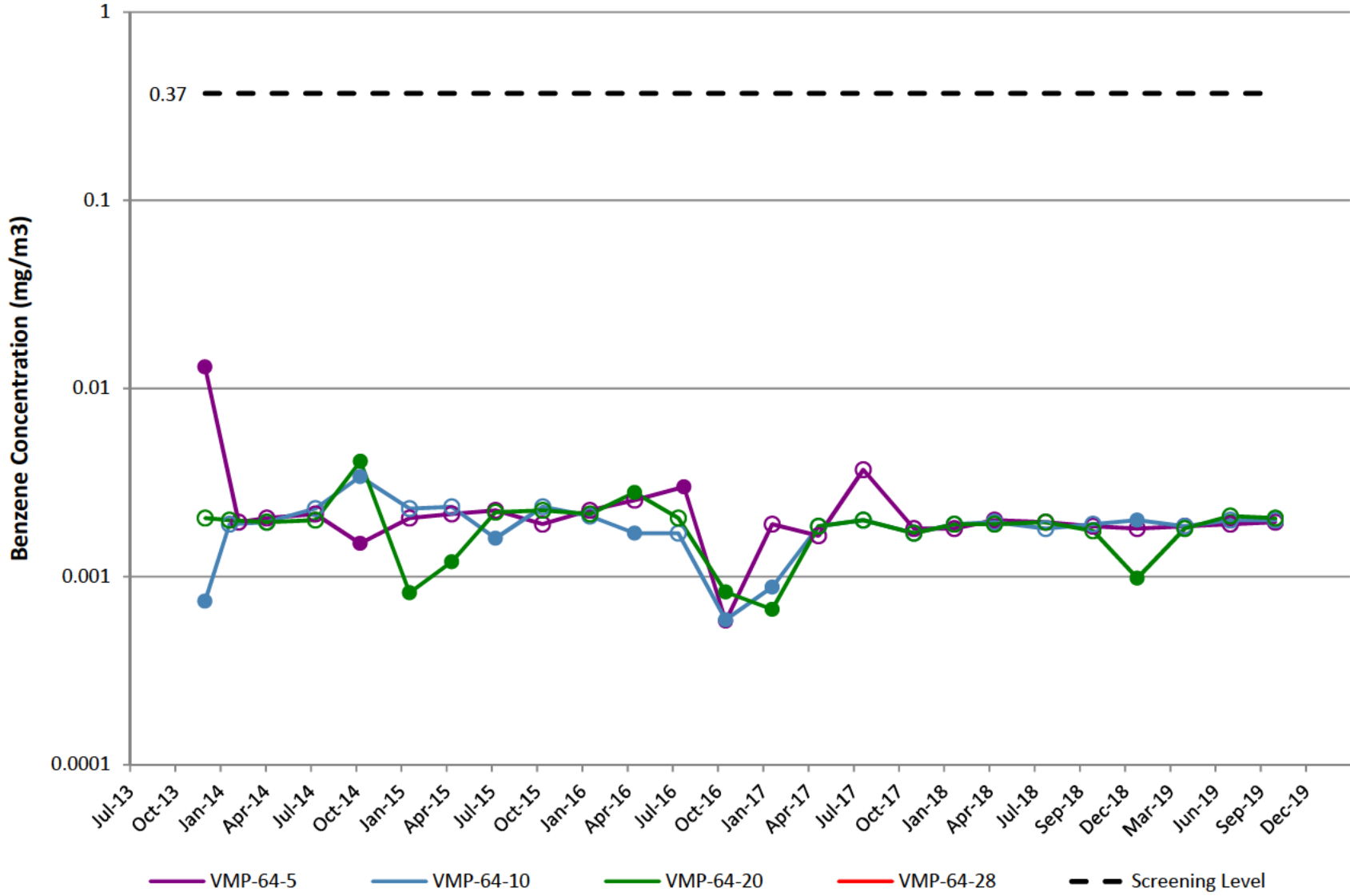
VMP-63

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



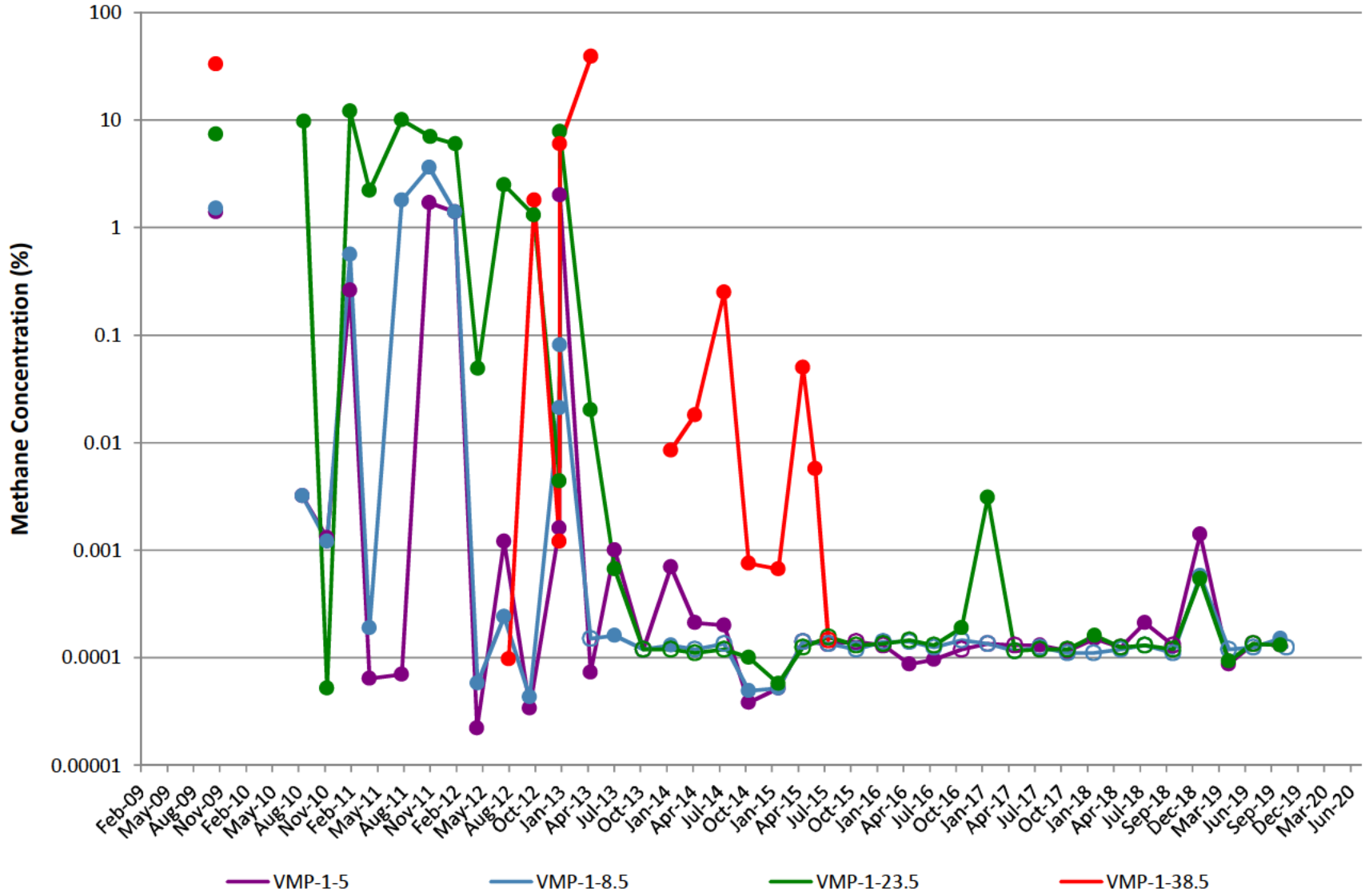
VMP-64

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



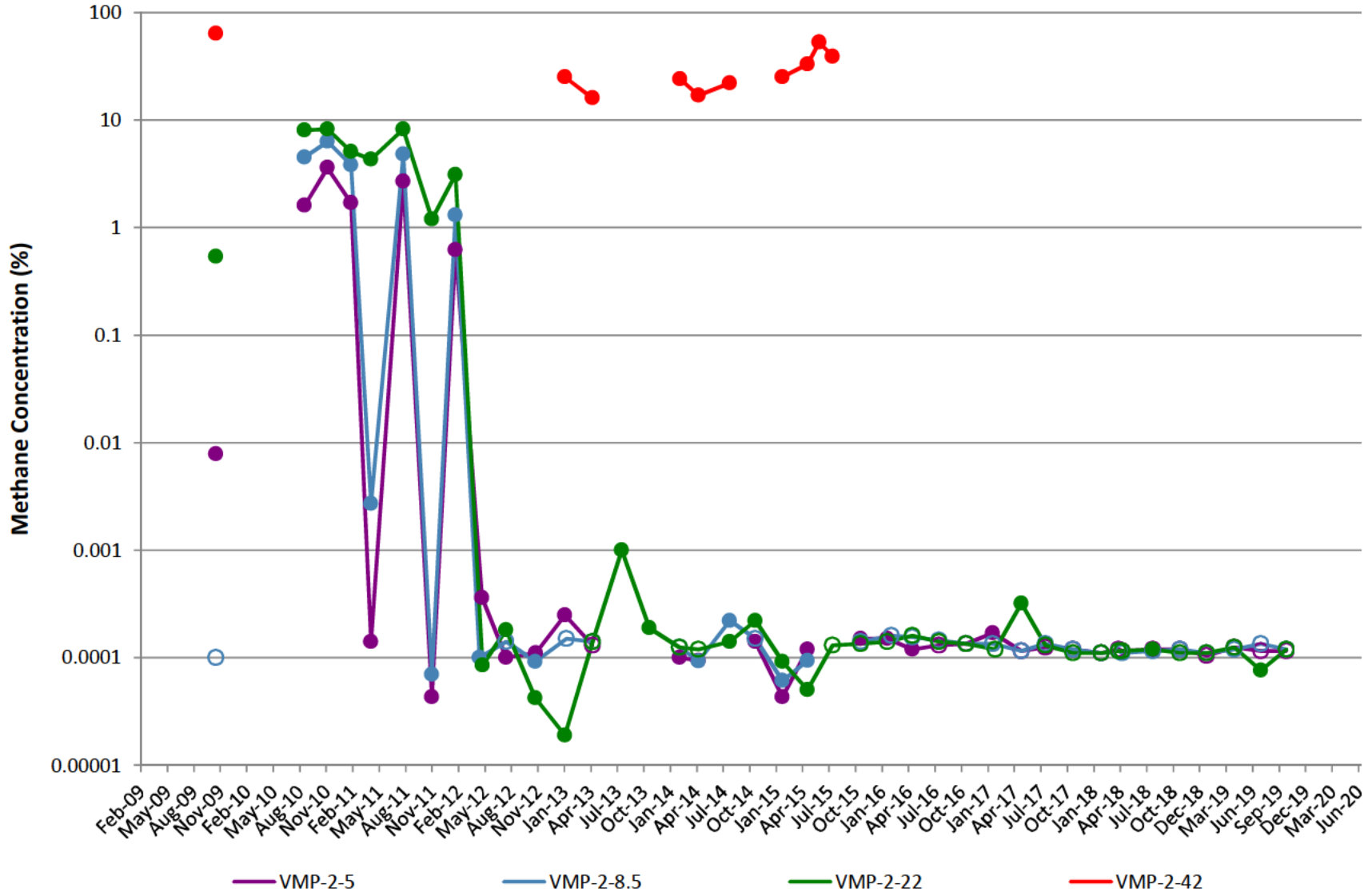
VMP-1

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



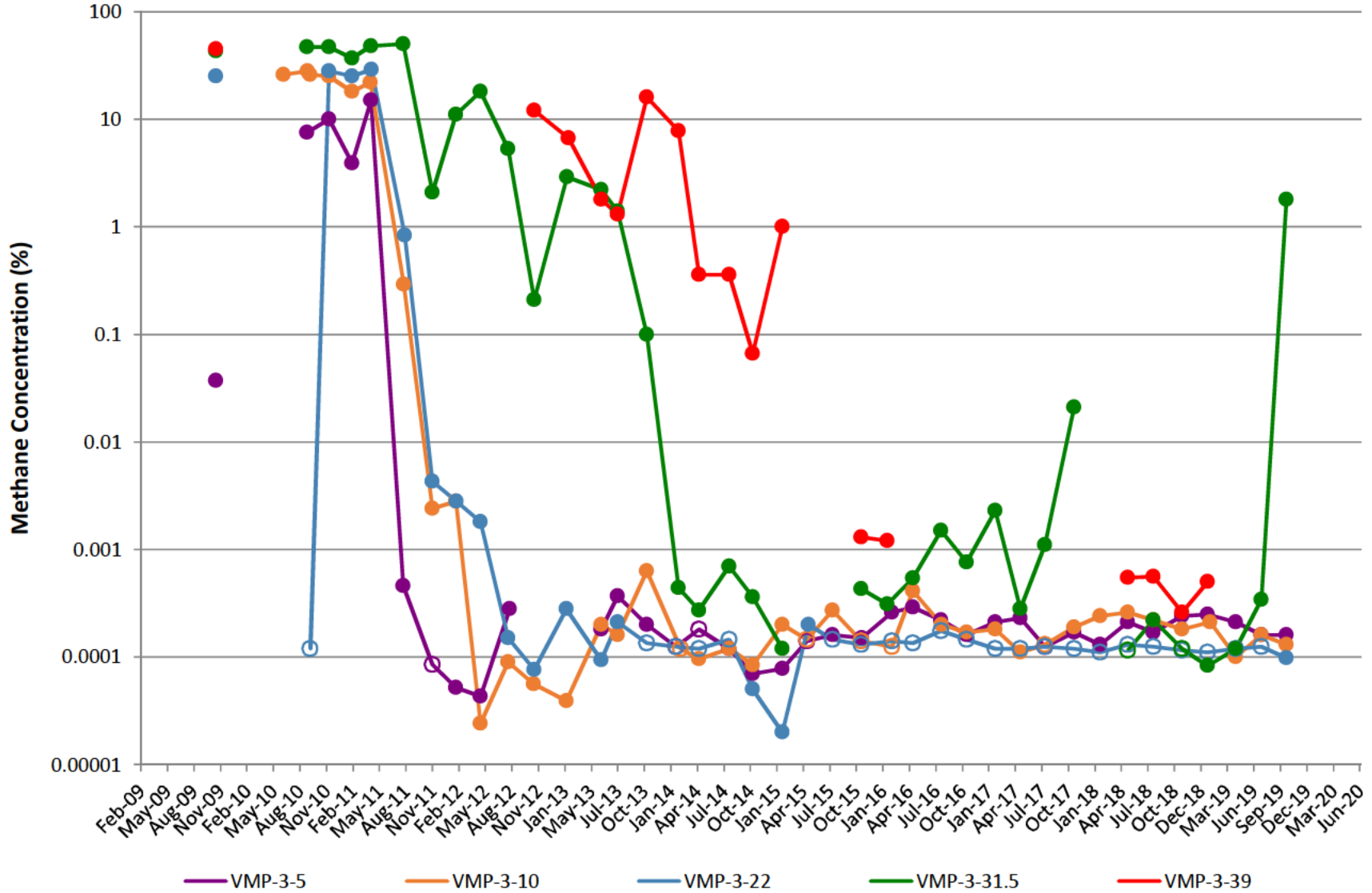
VMP-2

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



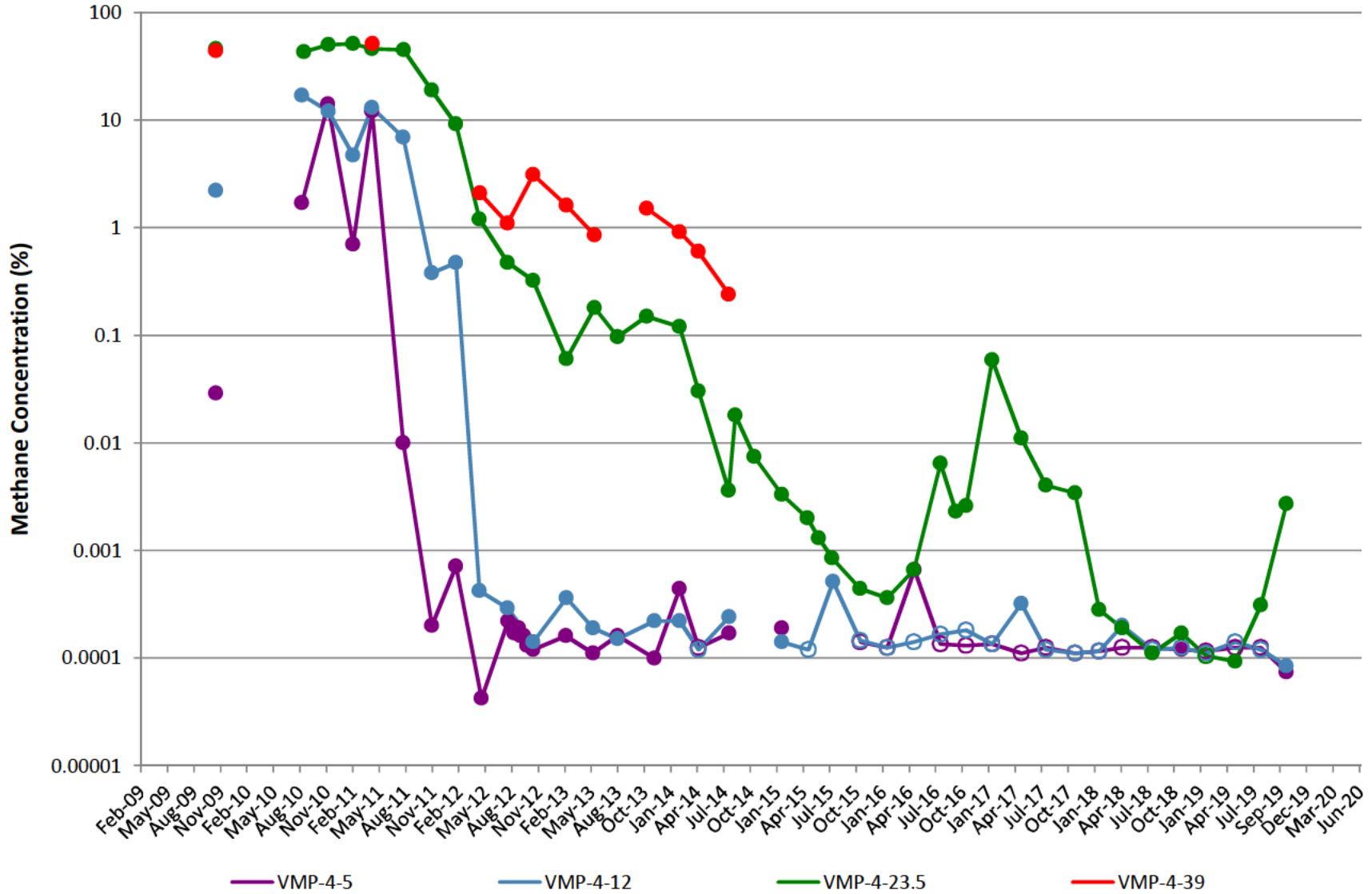
VMP-3

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



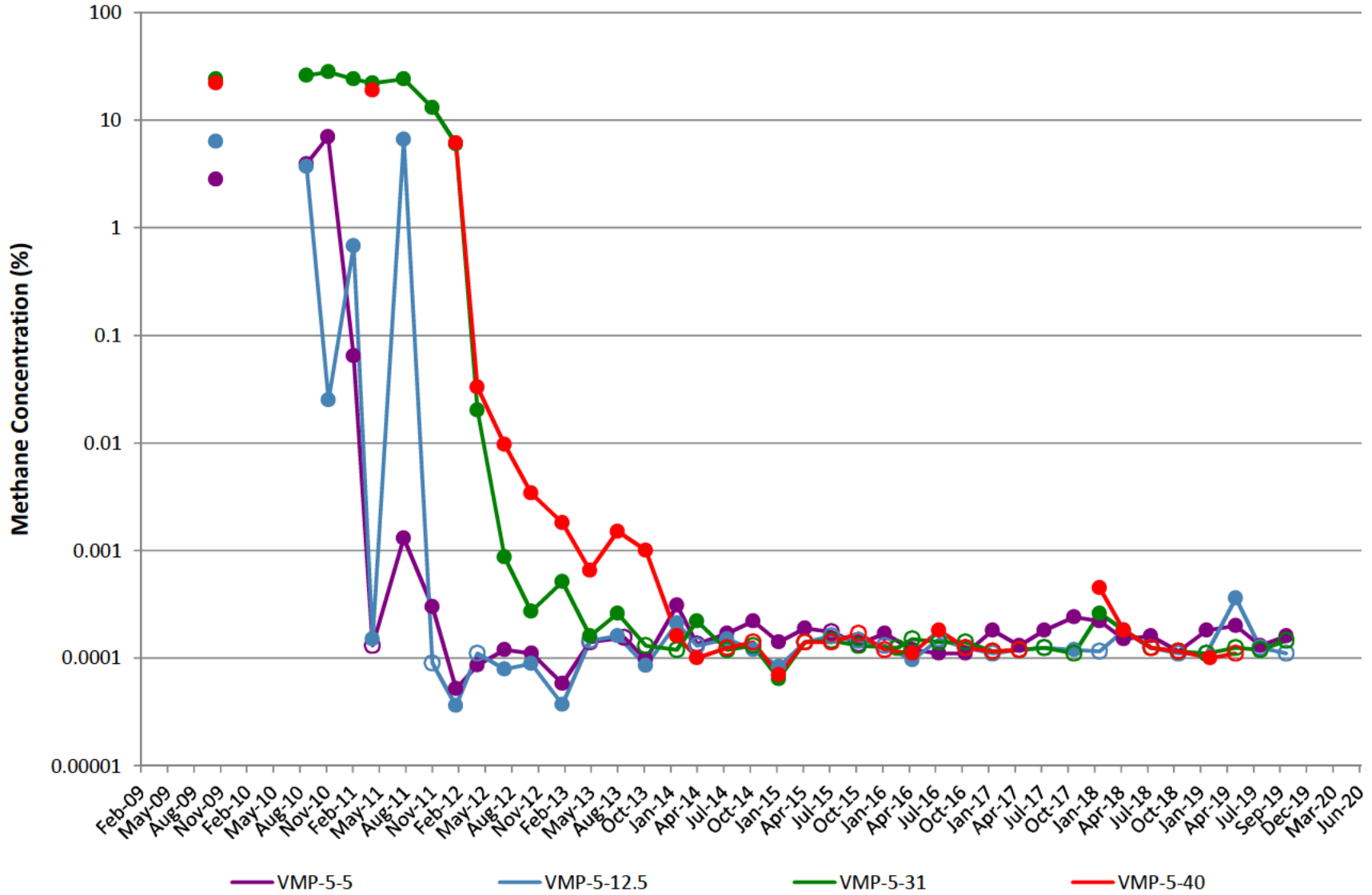
VMP-4

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



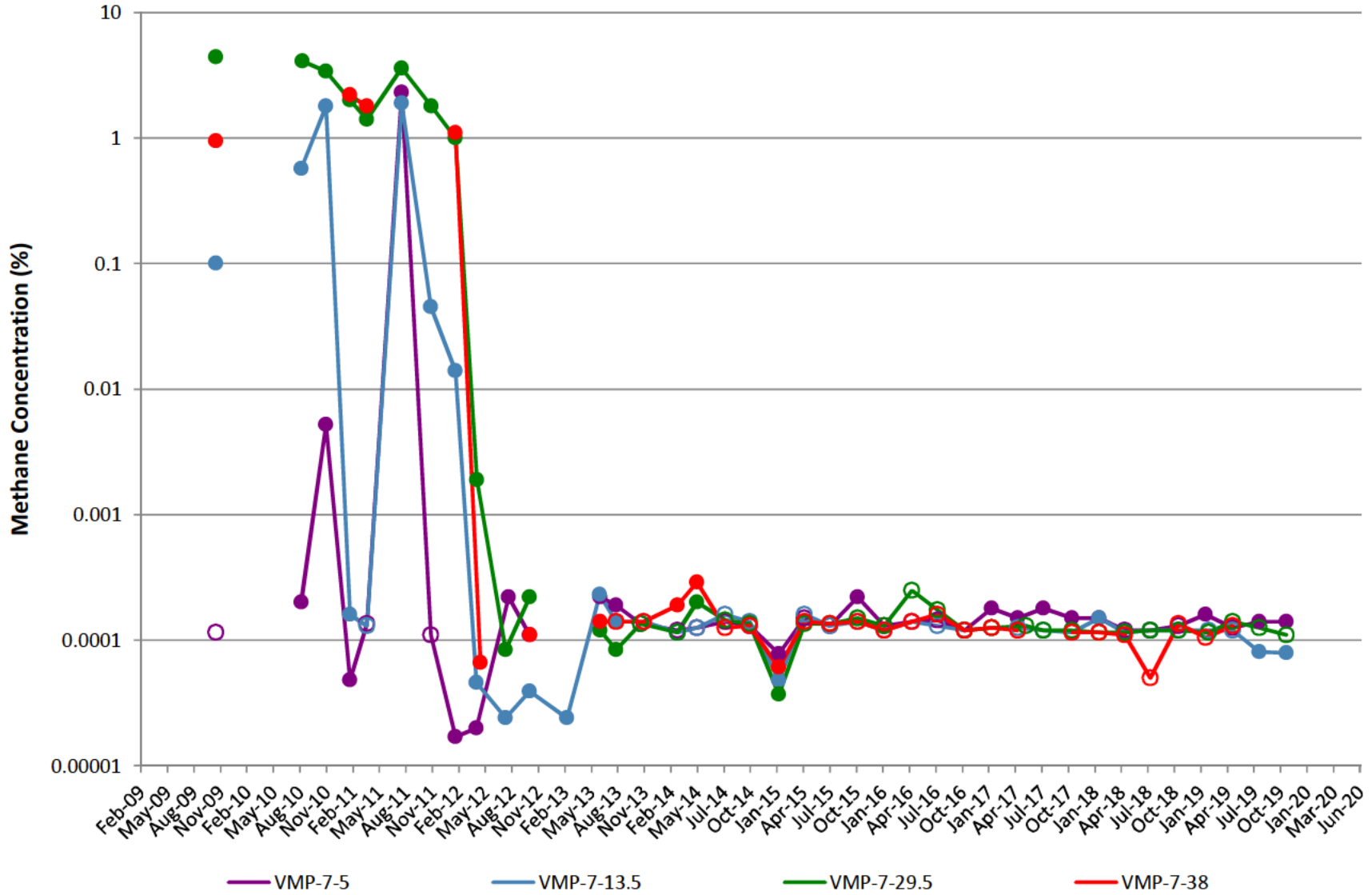
VMP-5

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



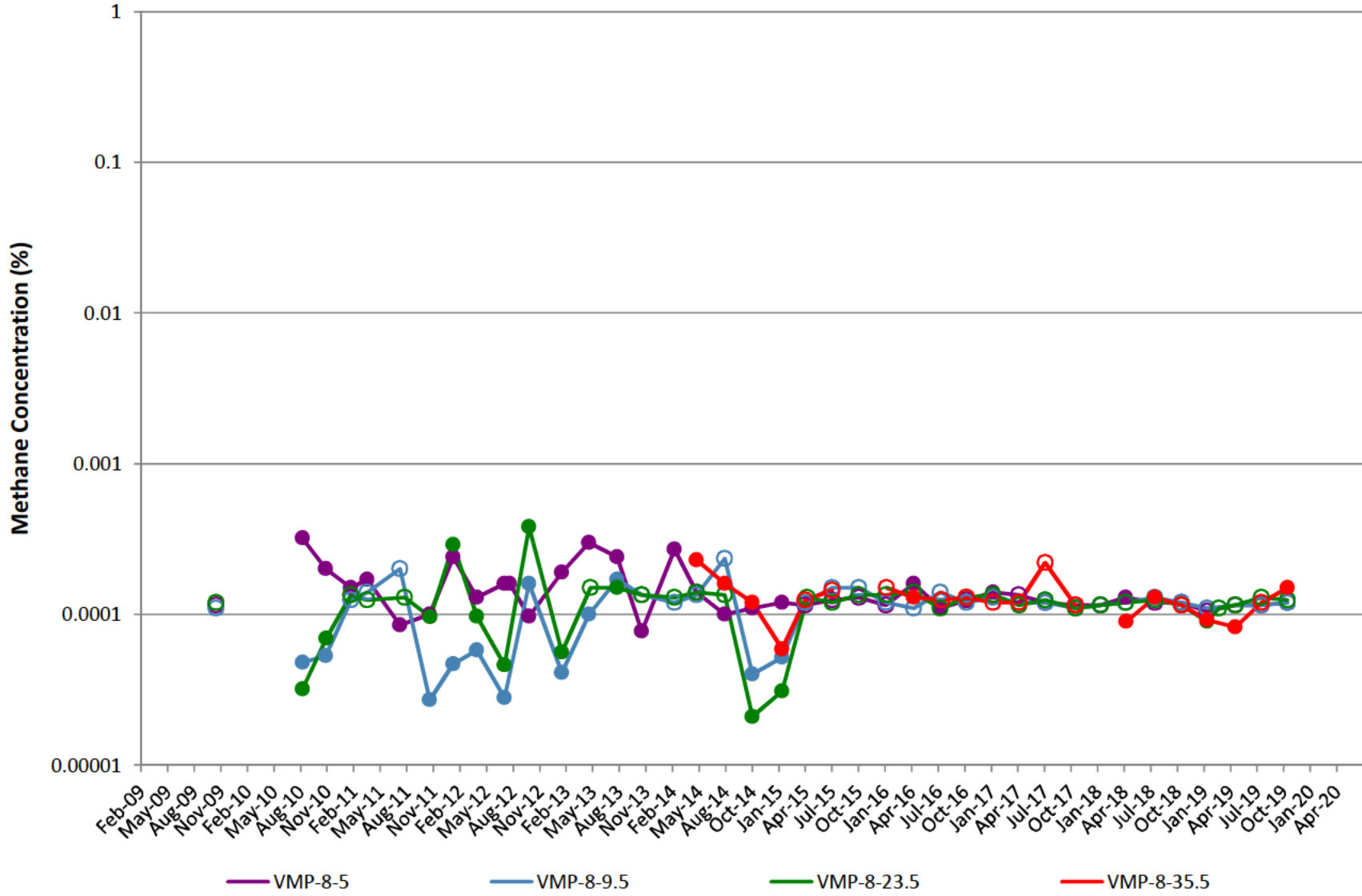
VMP-7

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



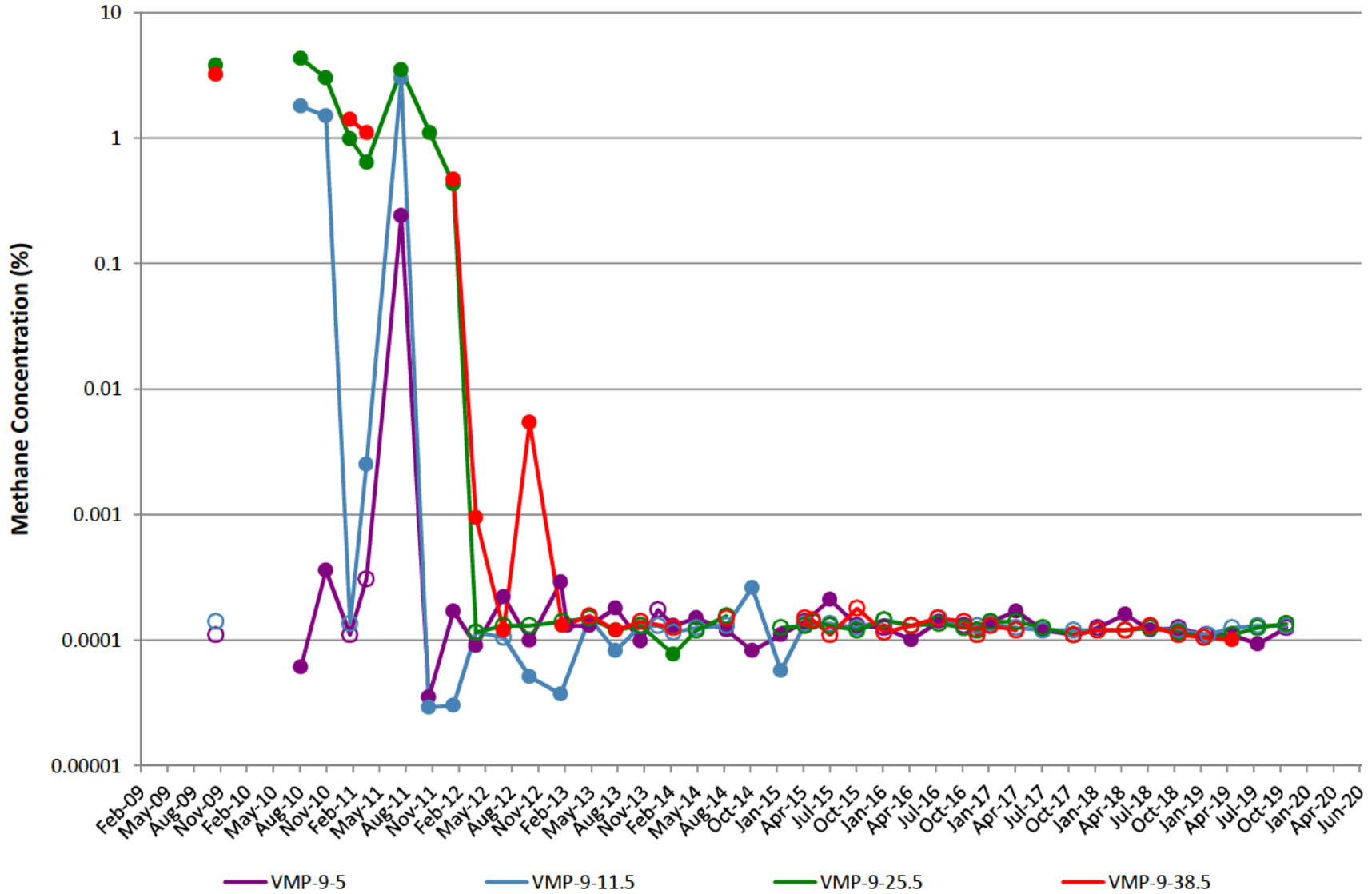
VMP-8

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



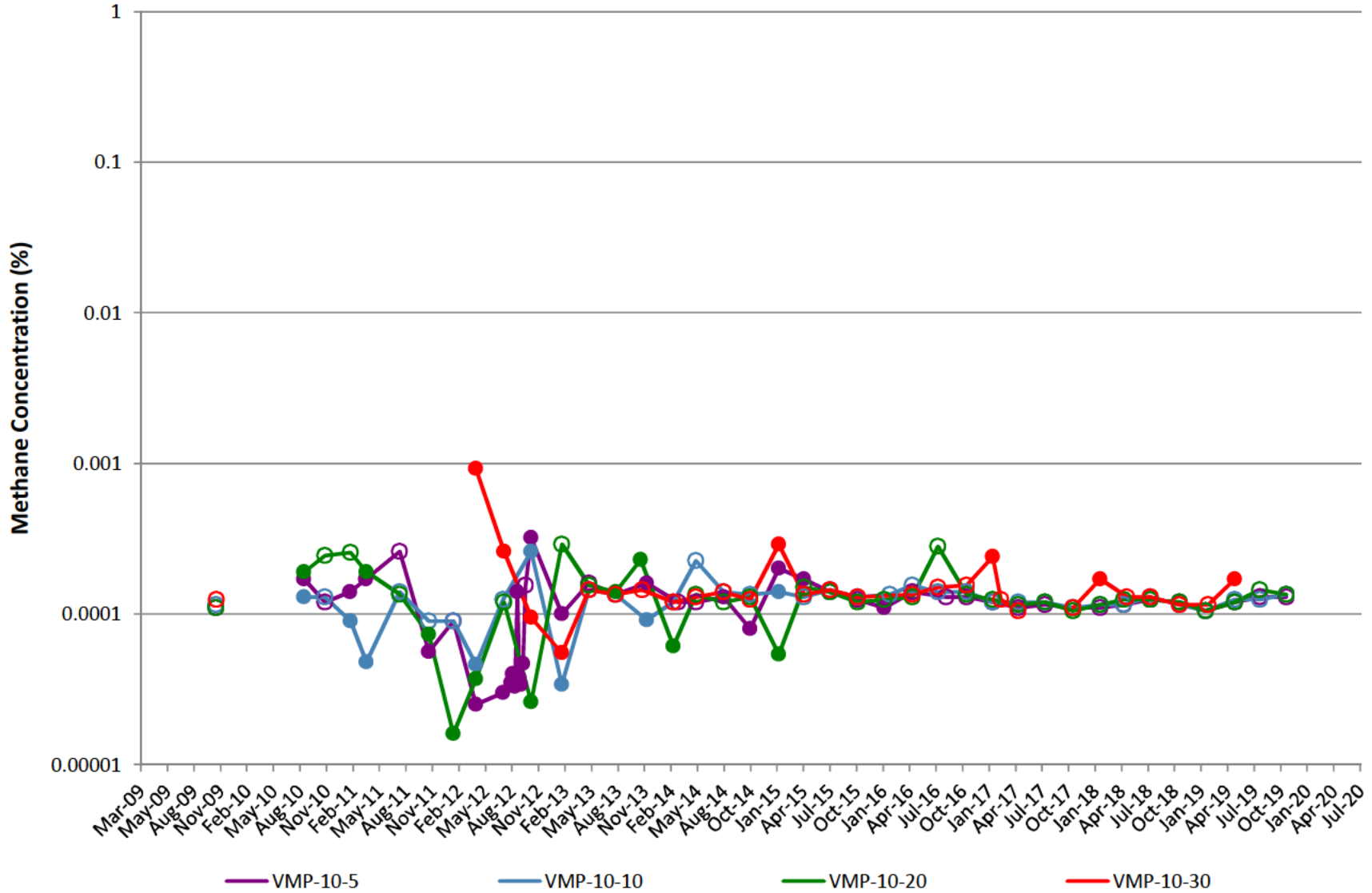
VMP-9

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



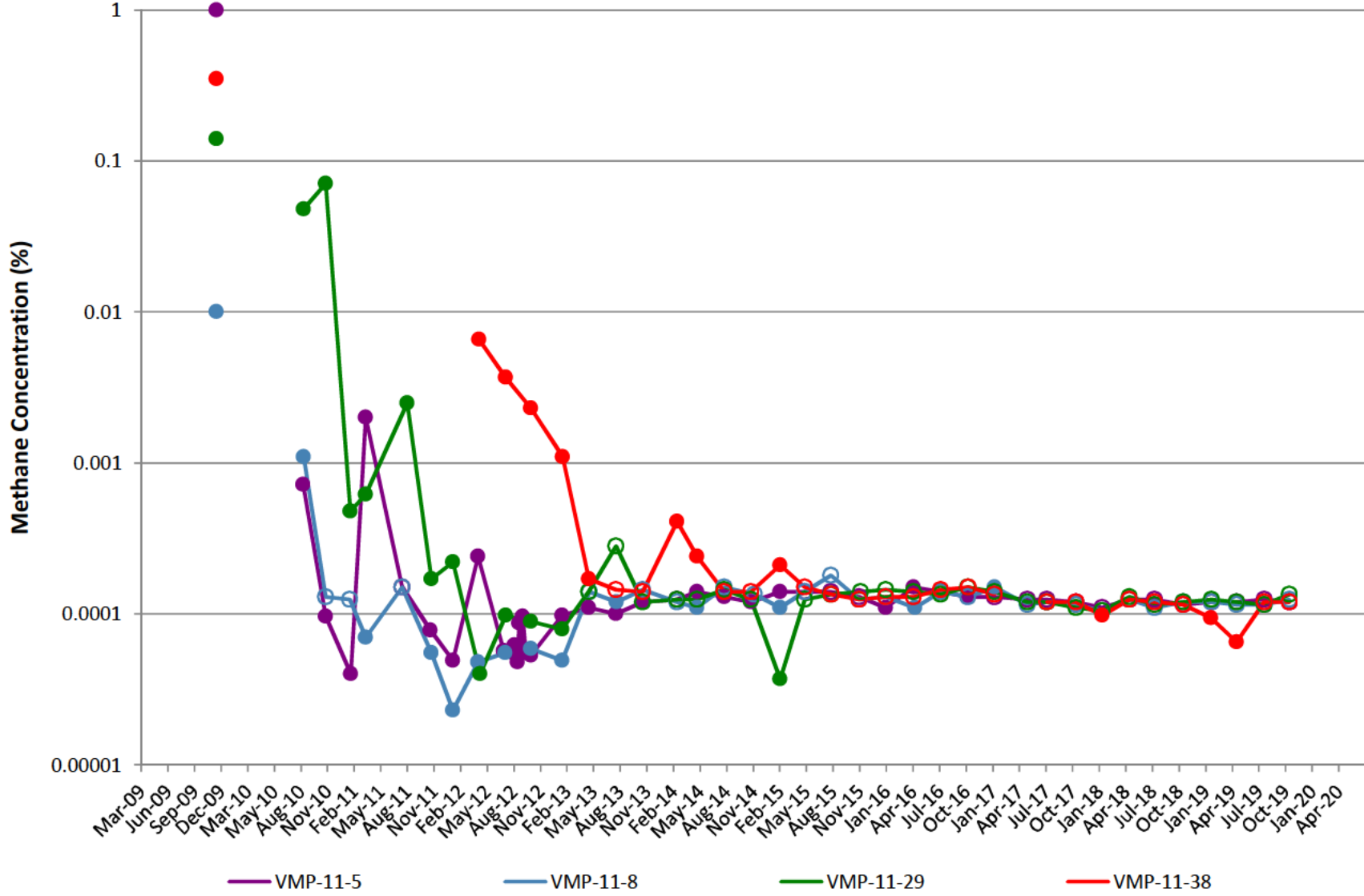
VMP-10

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



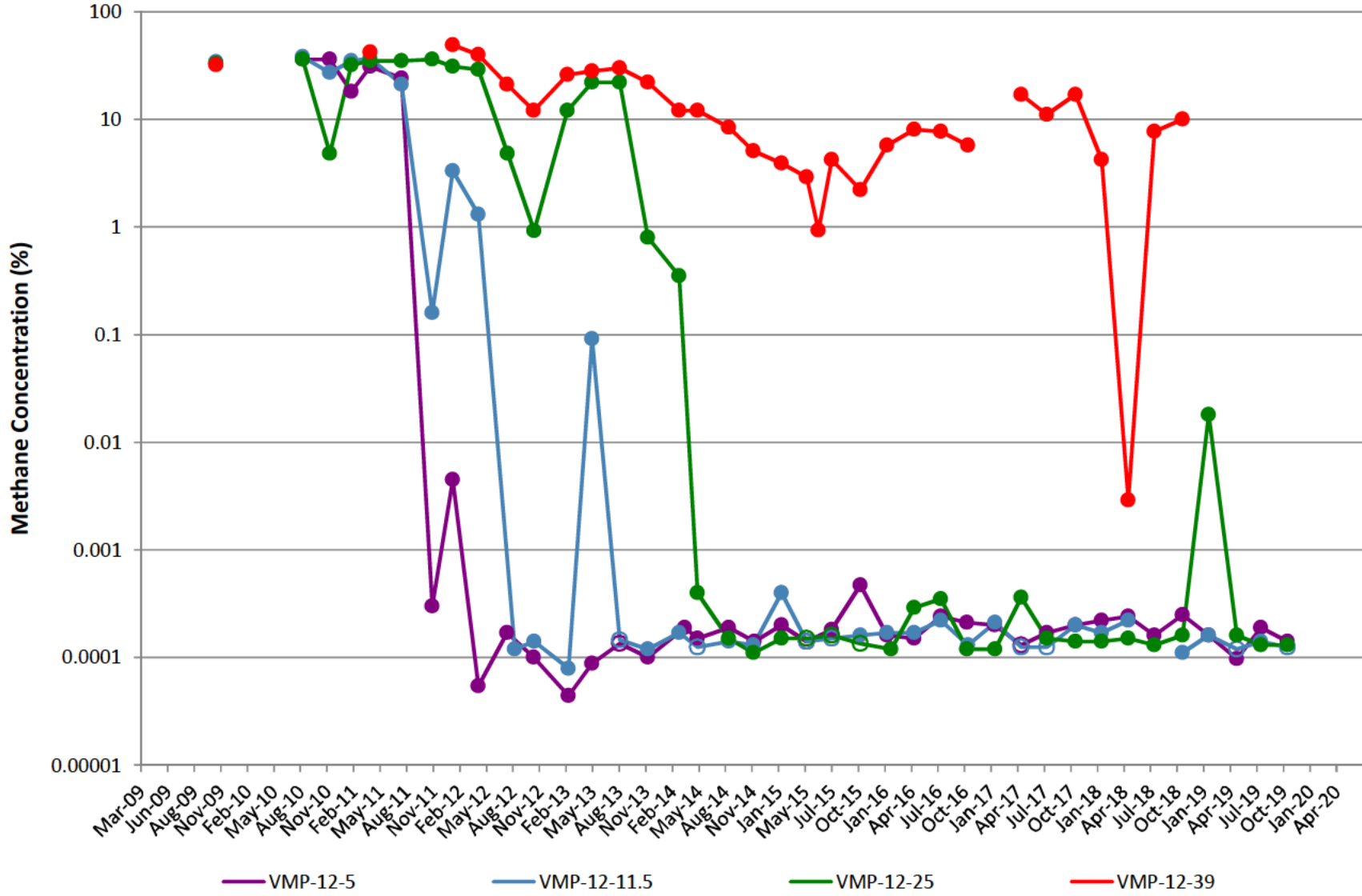
VMP-11

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



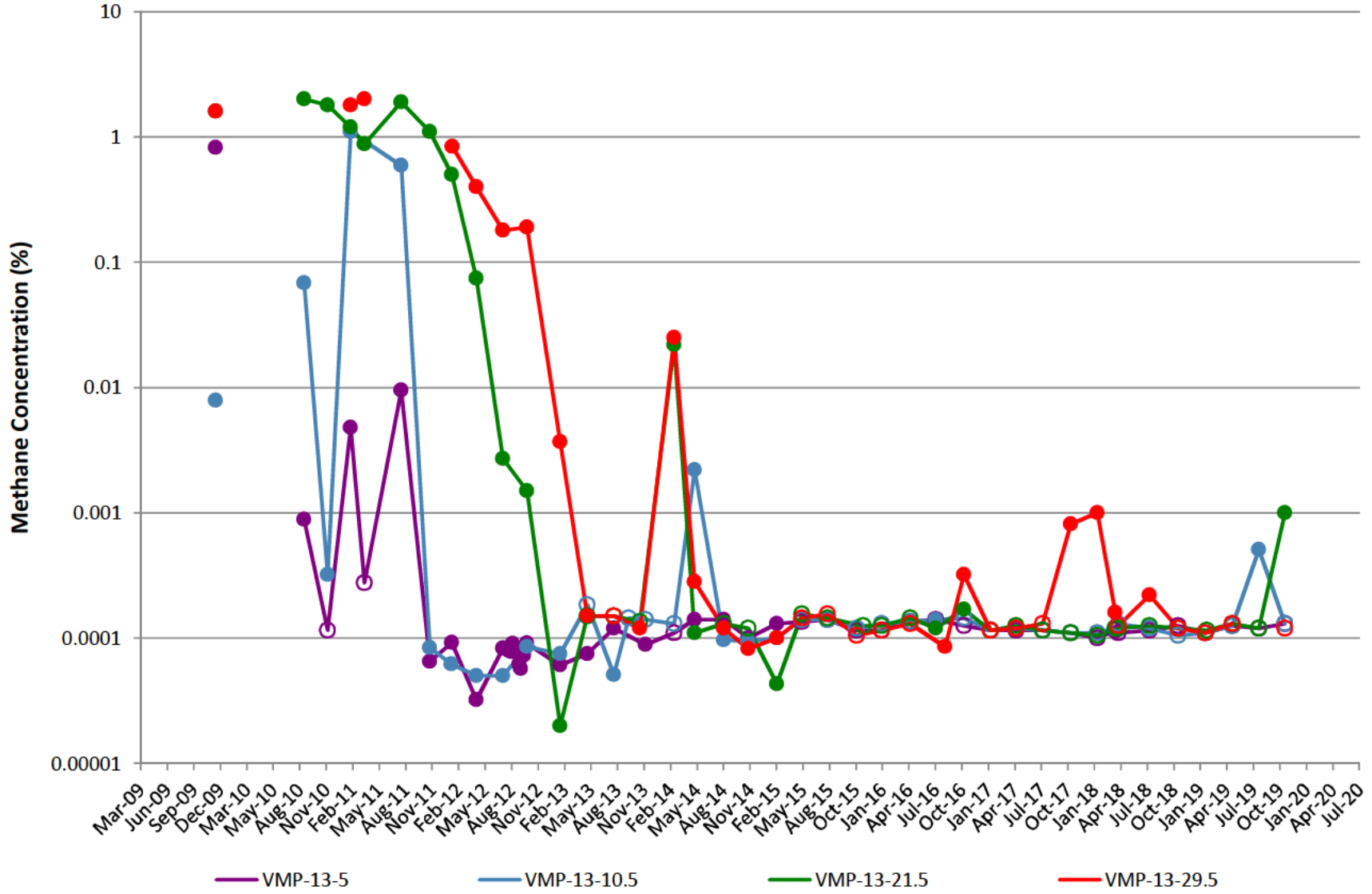
VMP-12

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



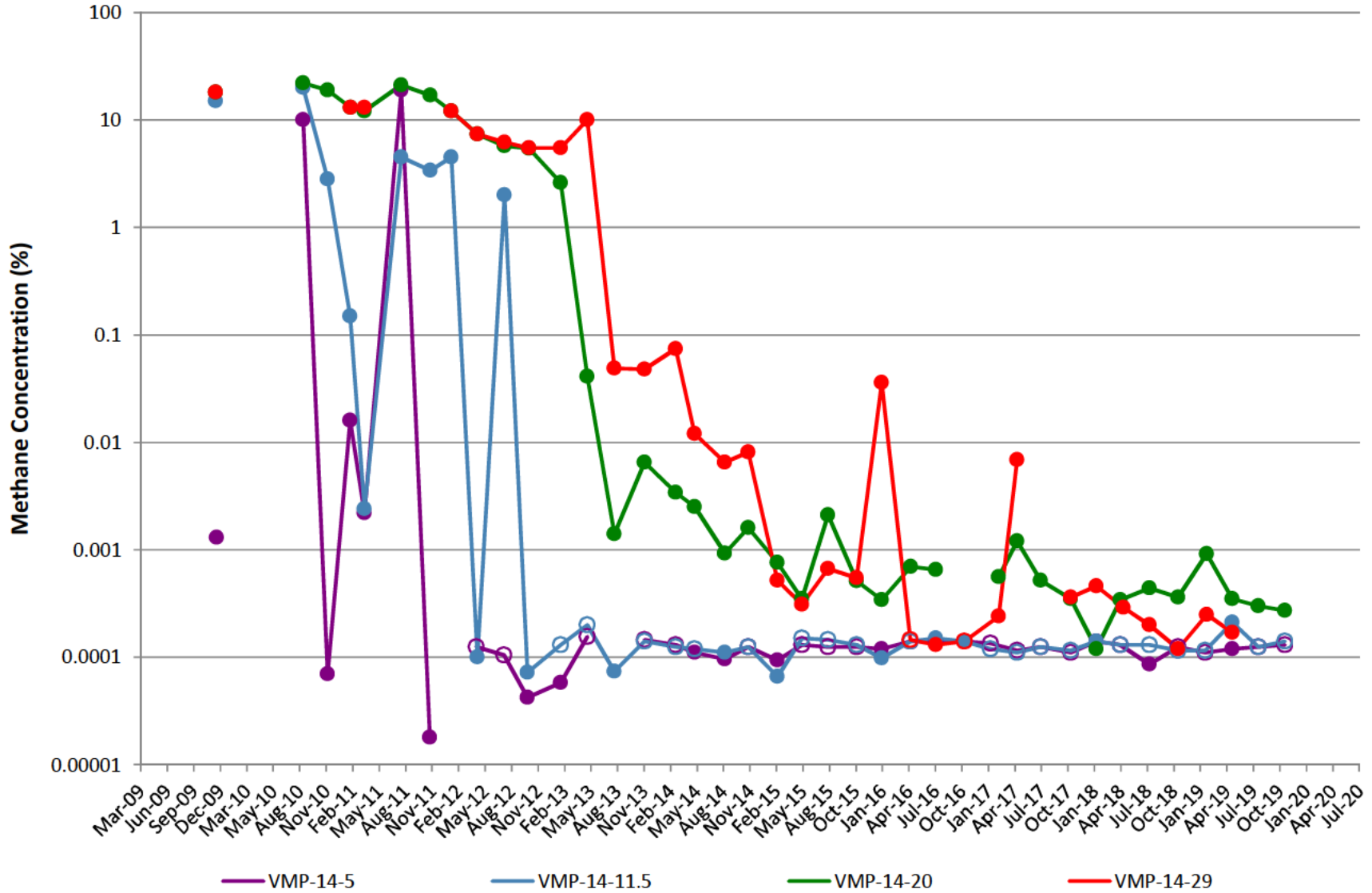
VMP-13

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



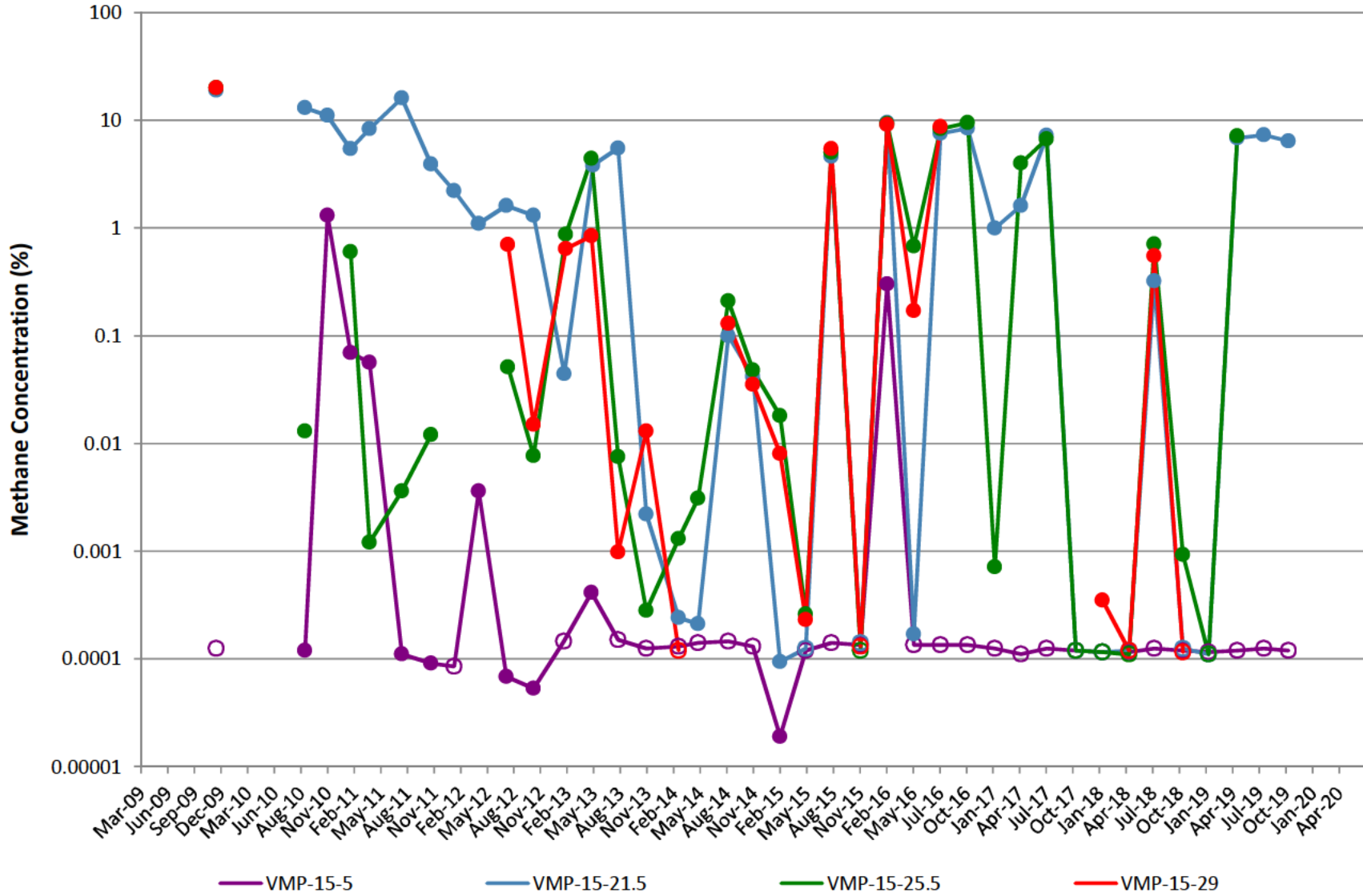
VMP-14

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



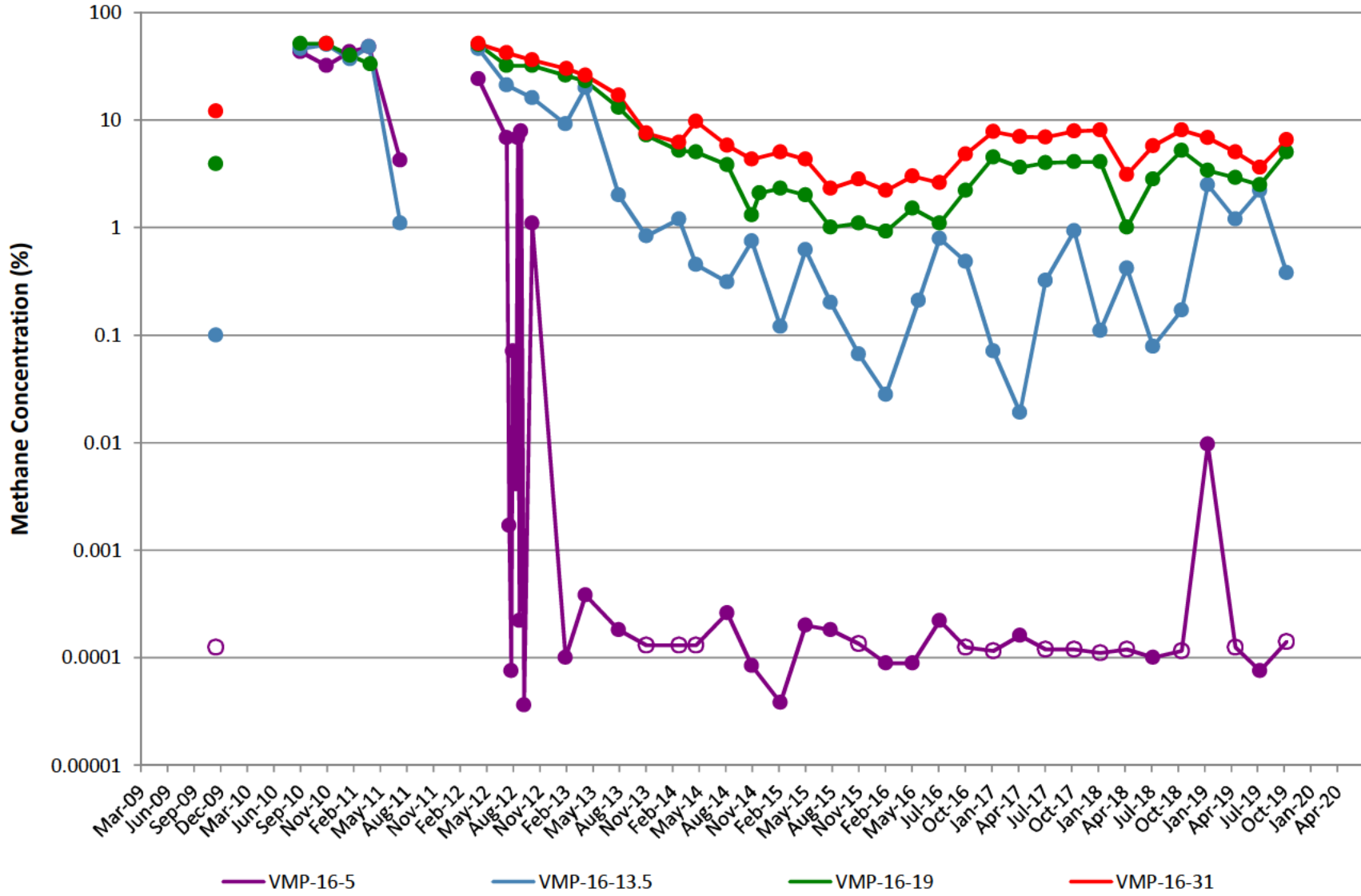
VMP-15

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



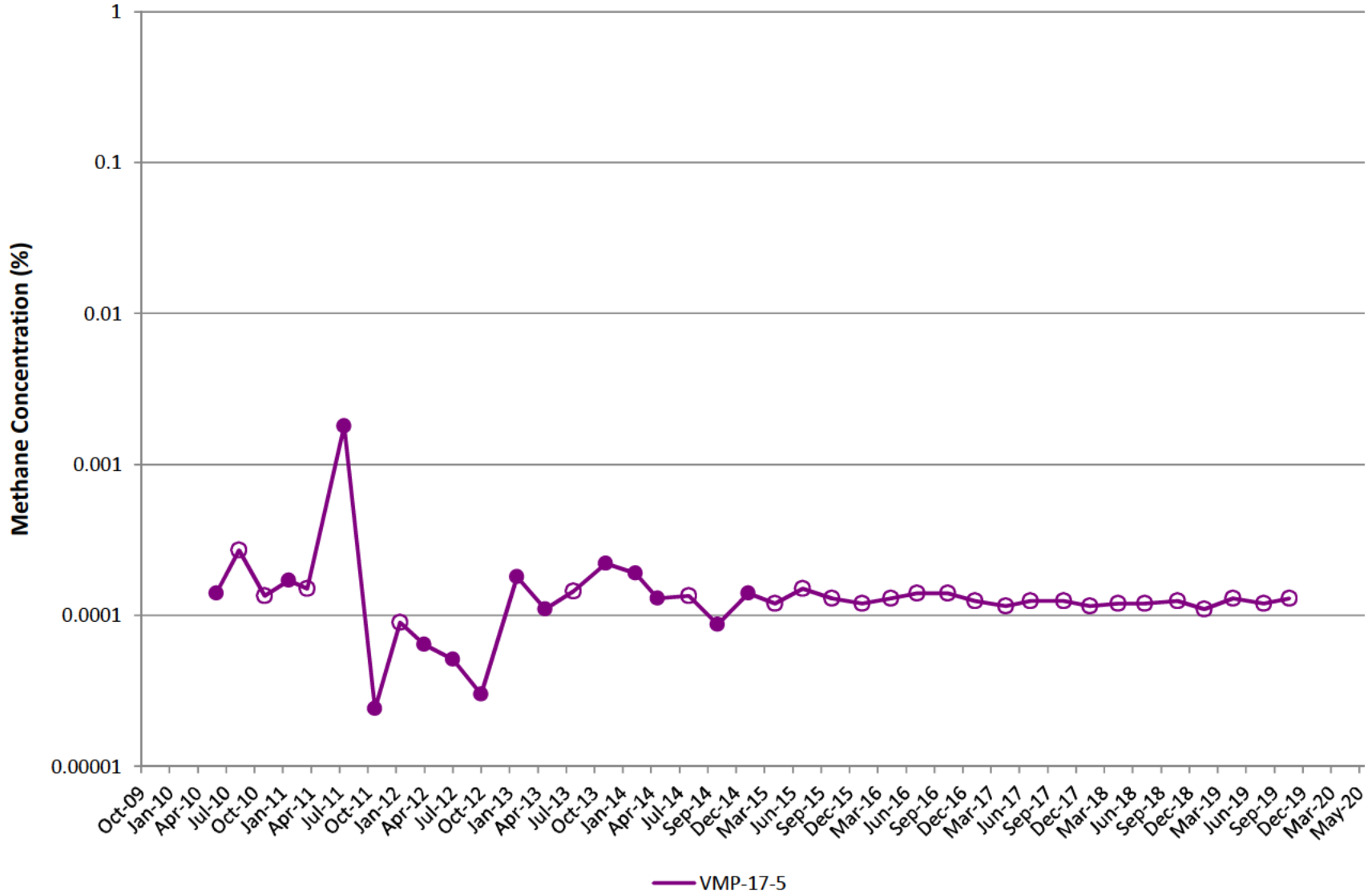
VMP-16

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



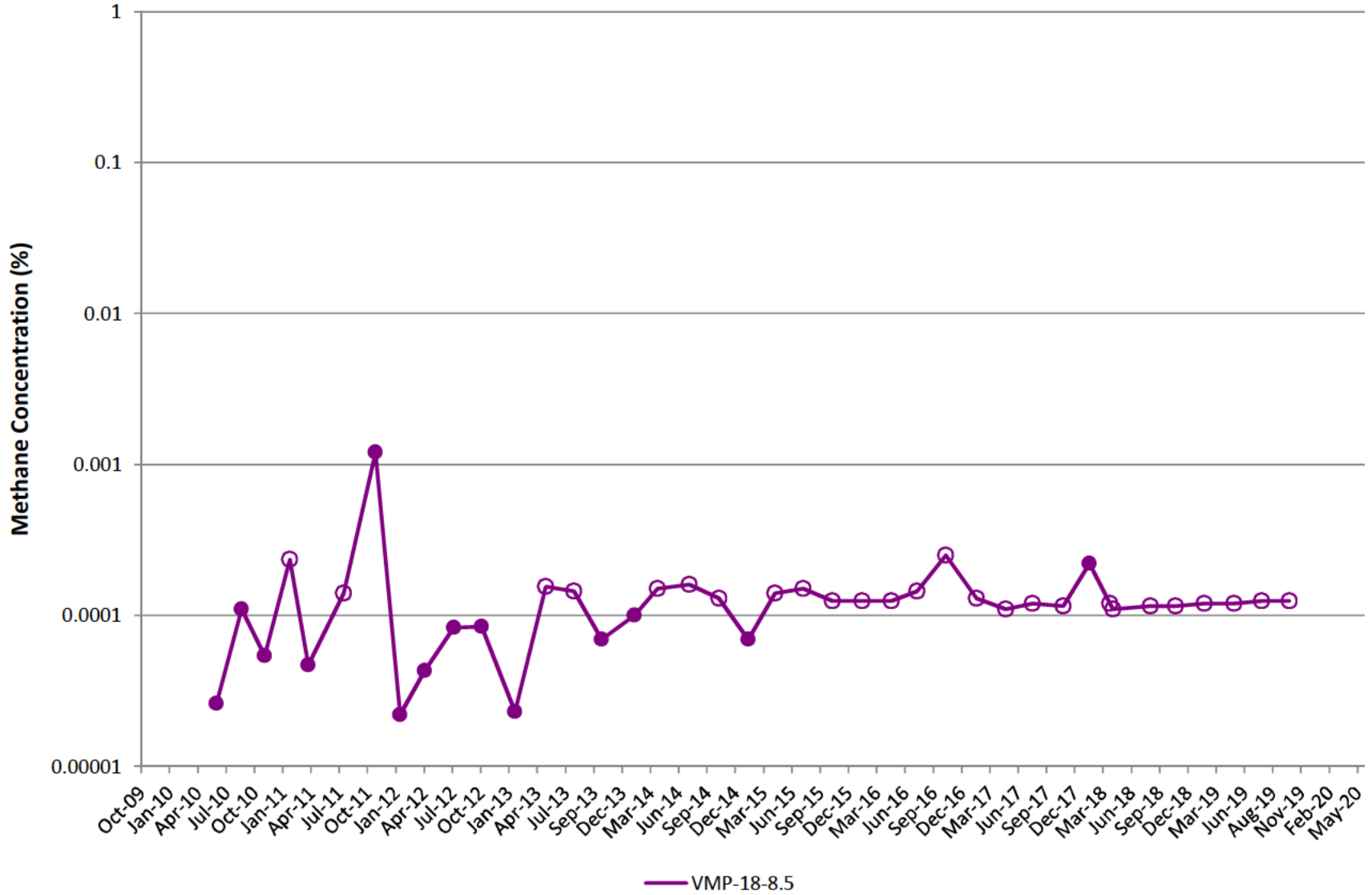
VMP-17

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



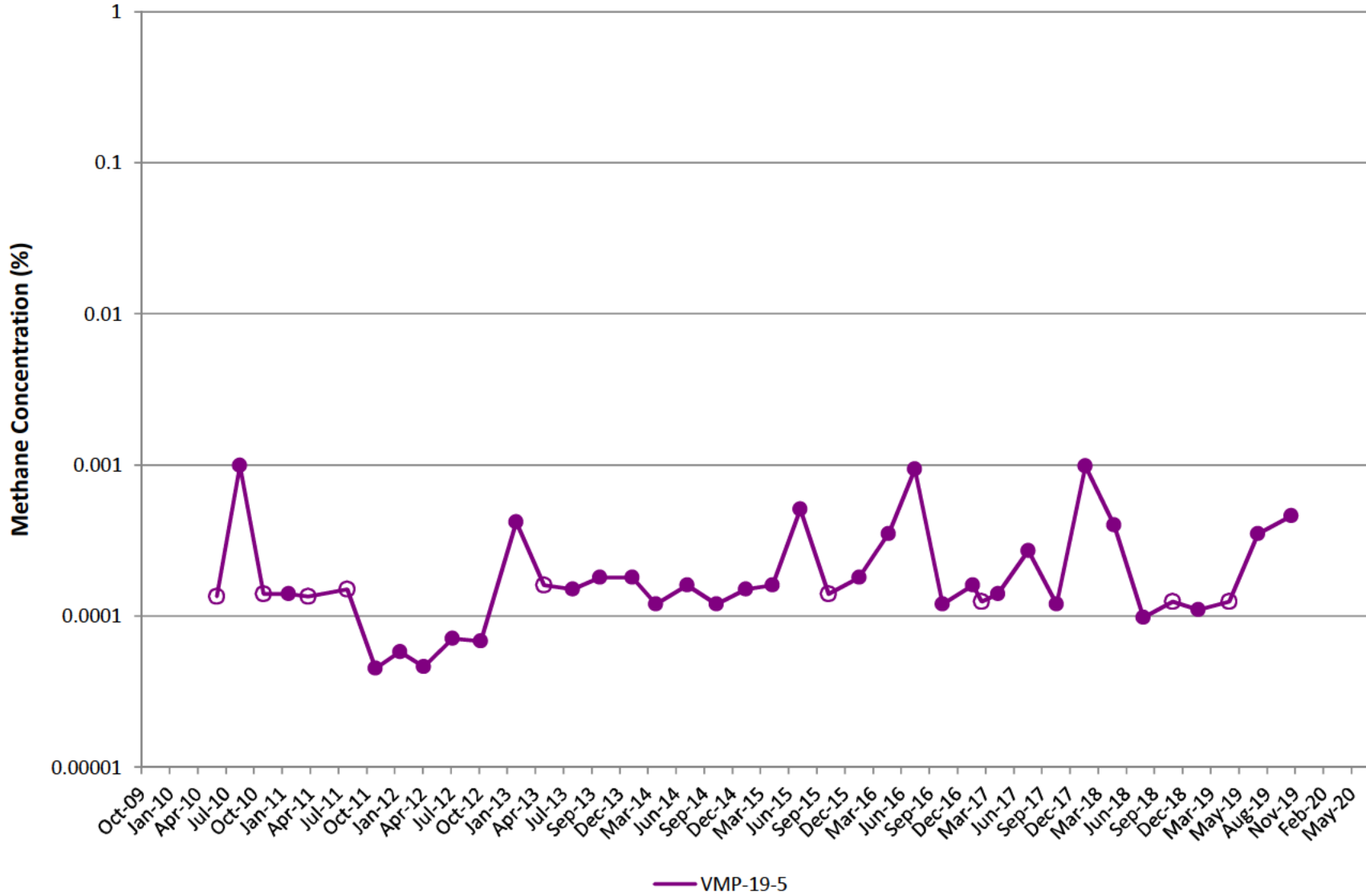
VMP-18

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



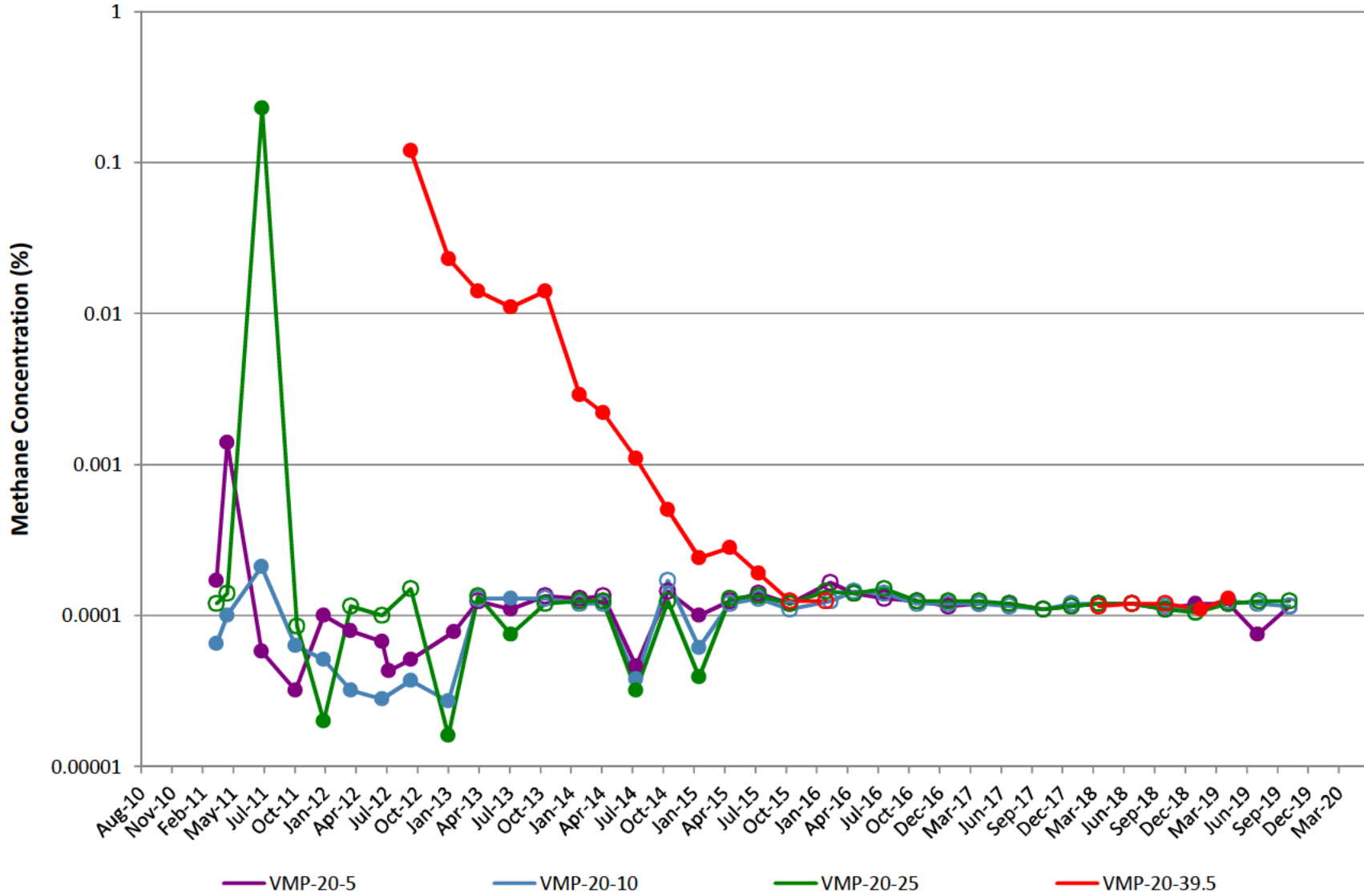
VMP-19

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



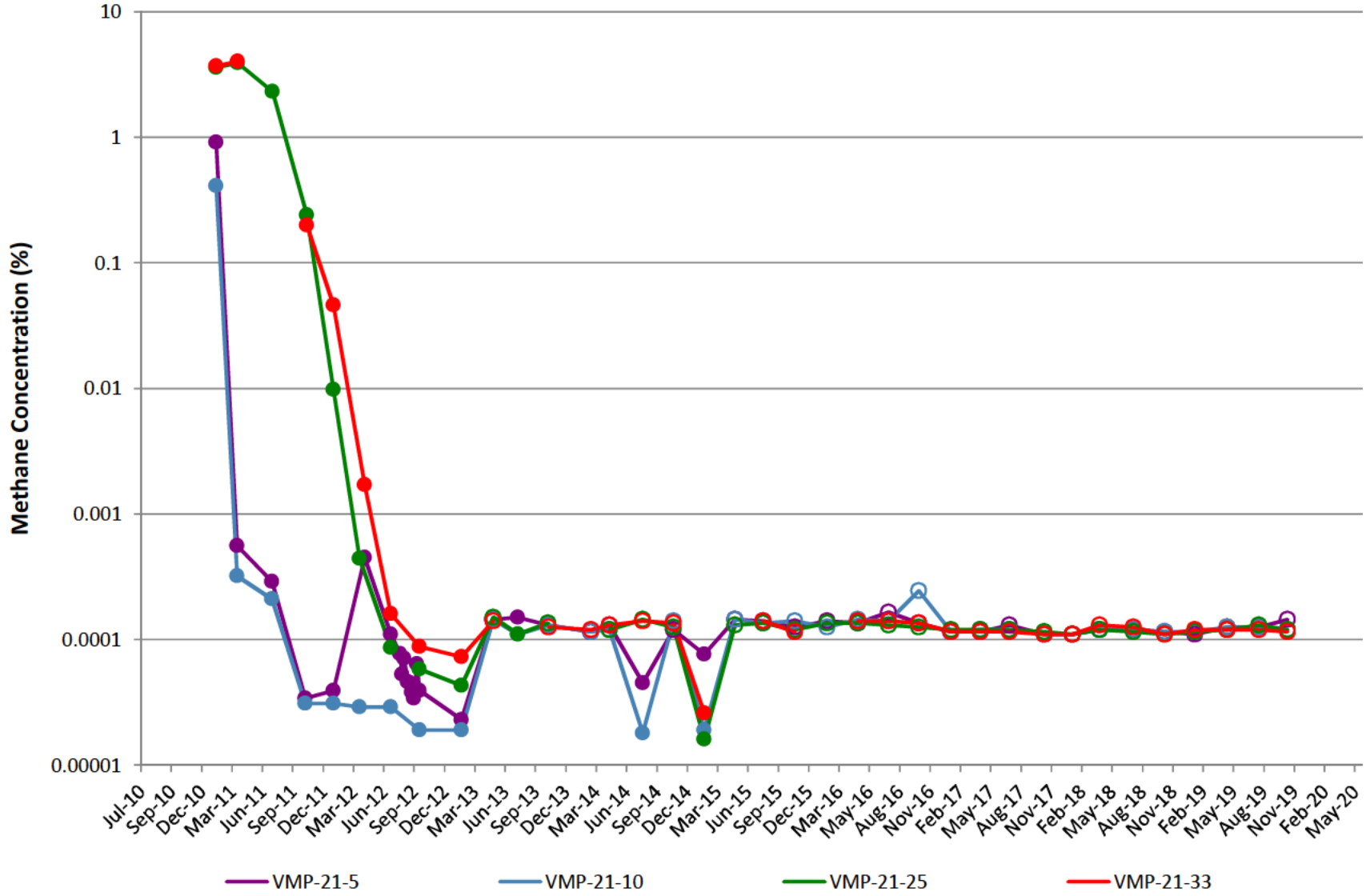
VMP-20

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



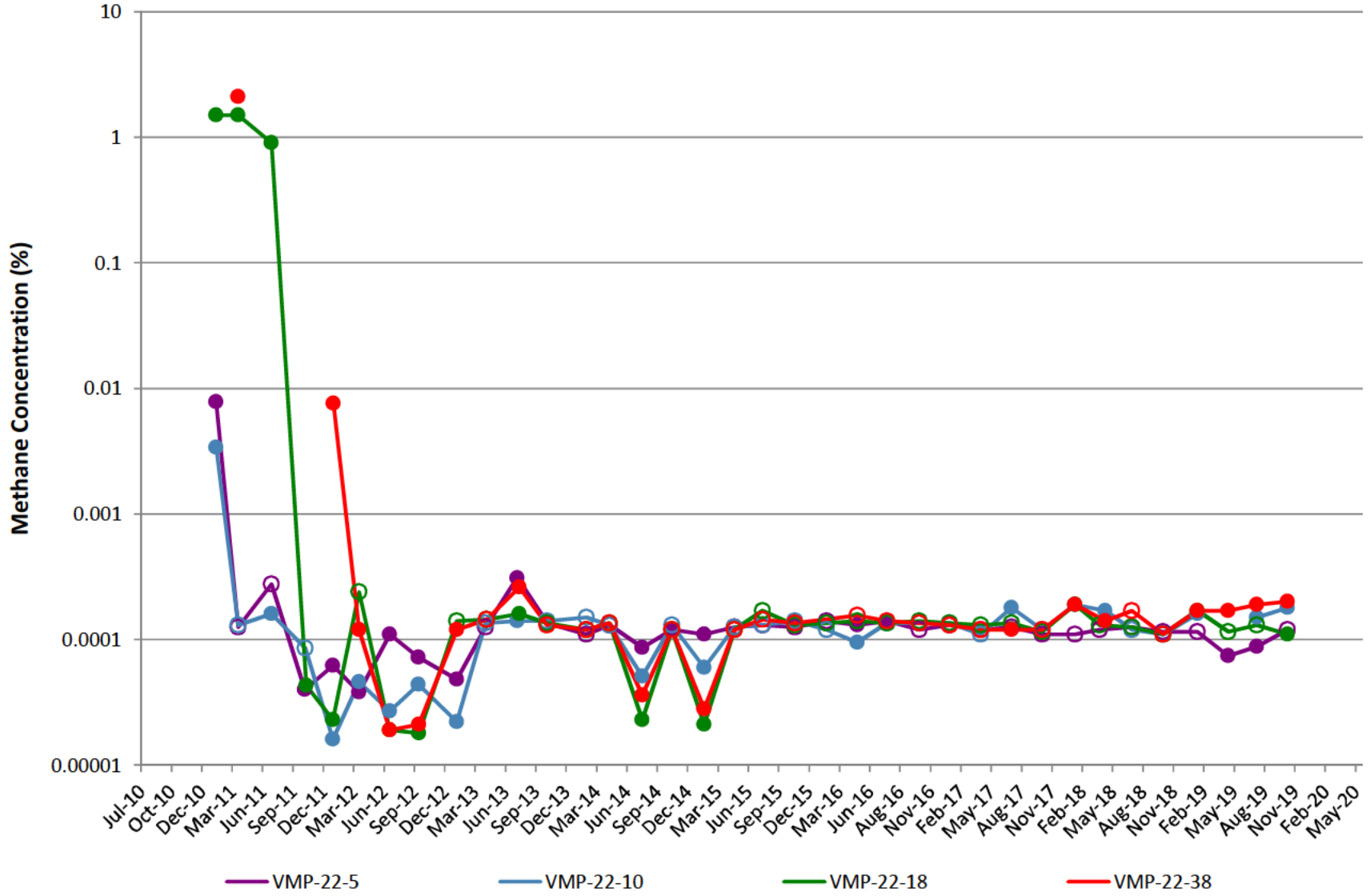
VMP-21

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



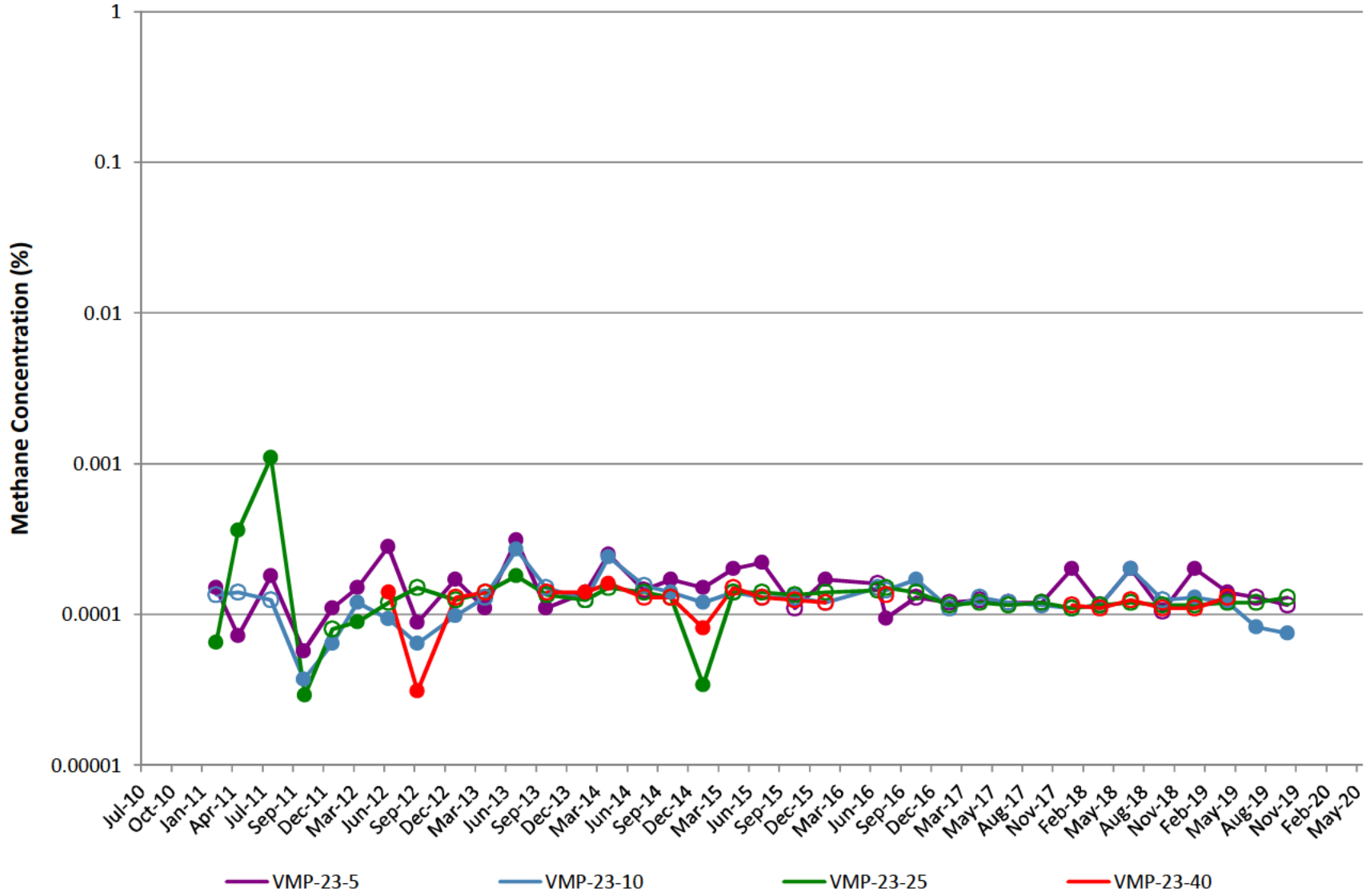
VMP-22

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



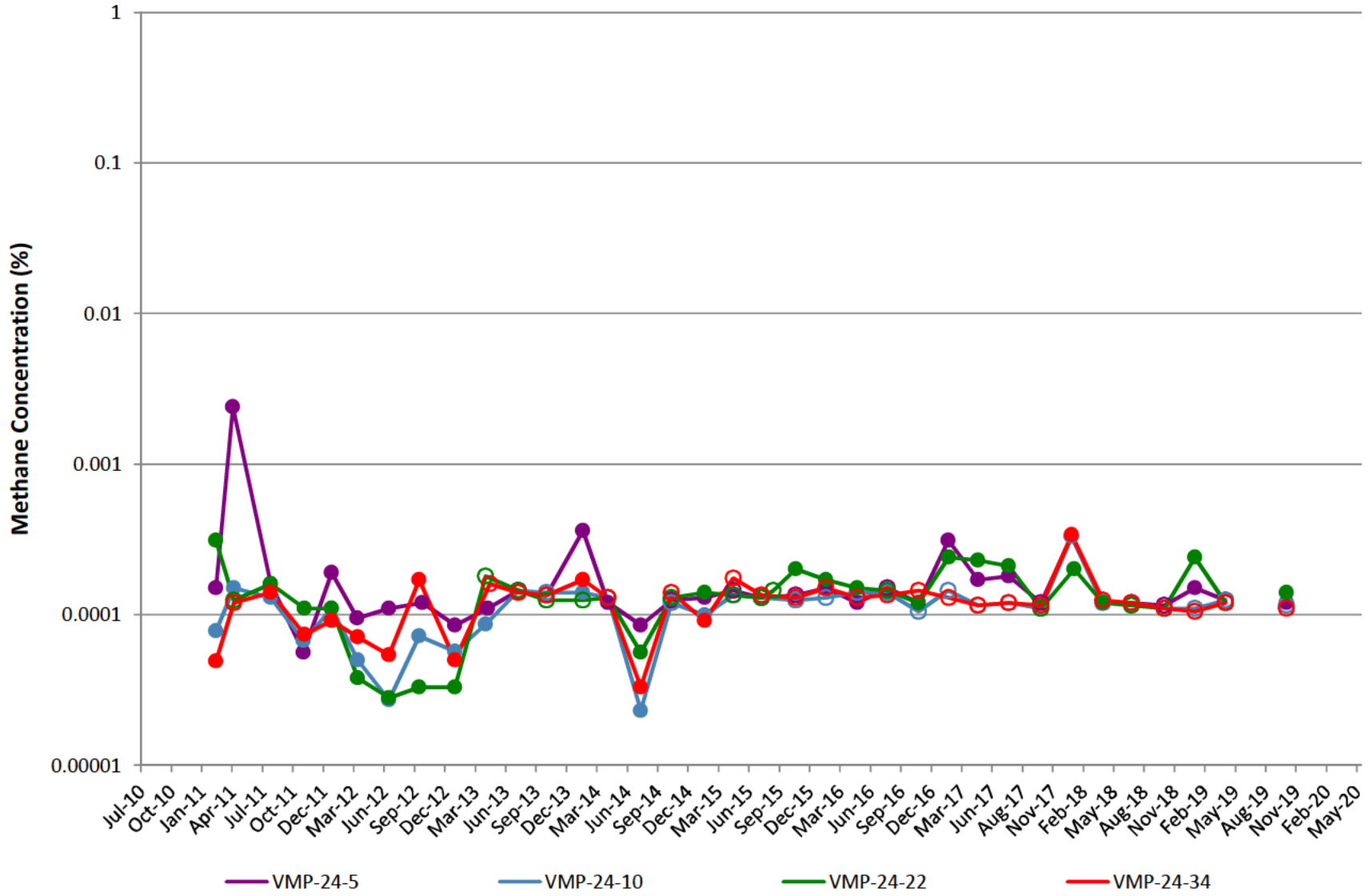
VMP-23

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



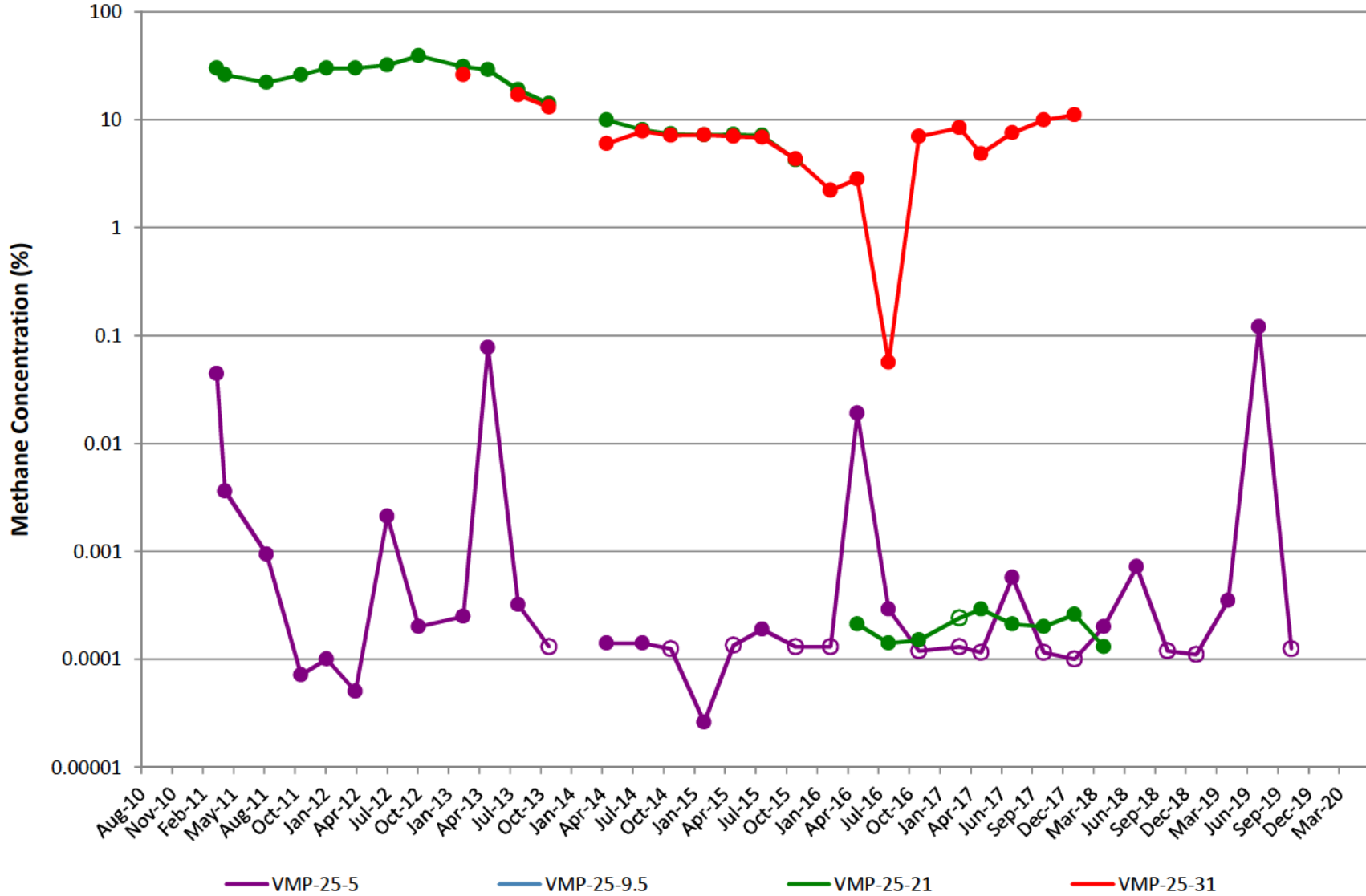
VMP-24

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



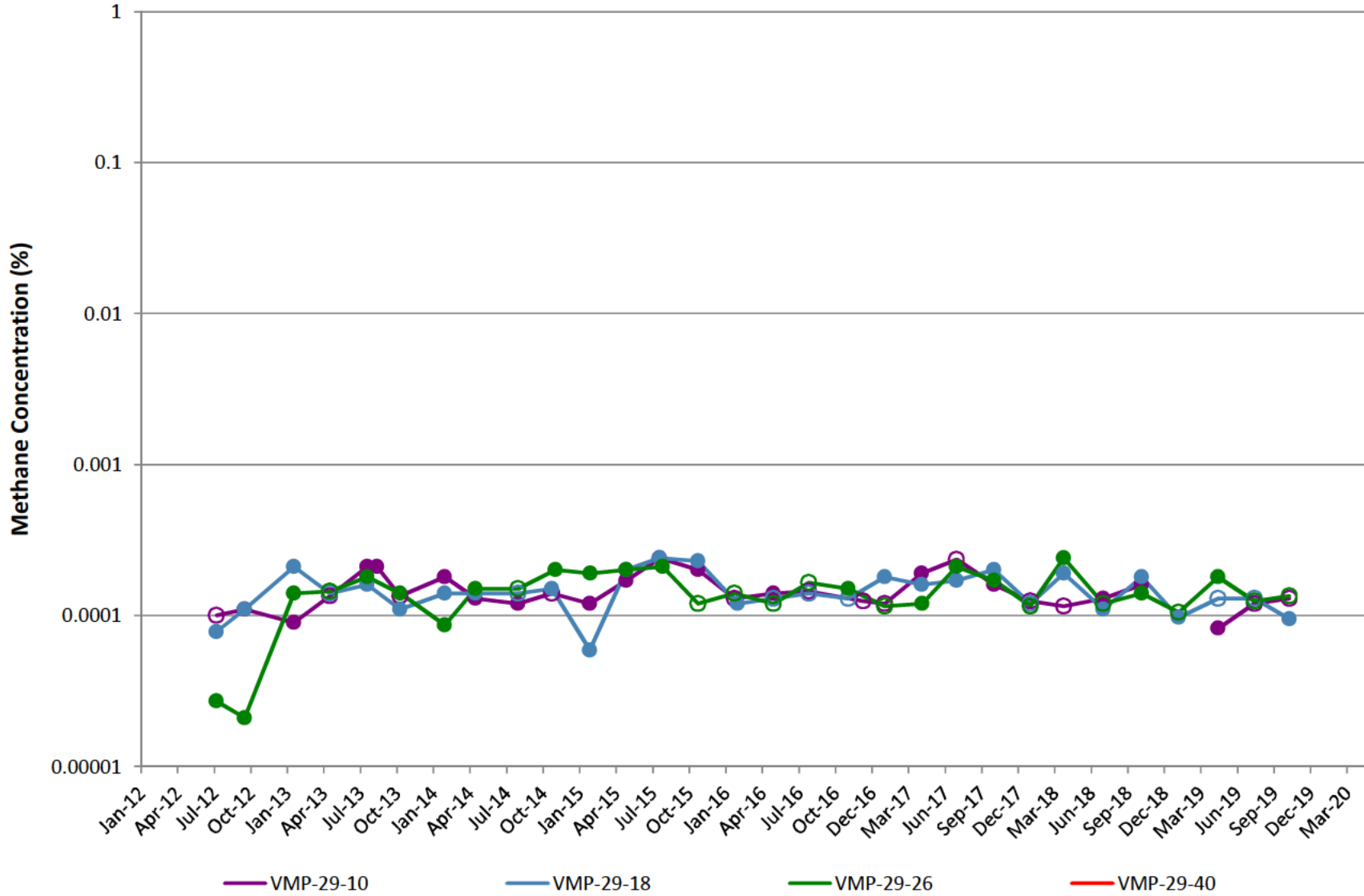
VMP-25

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



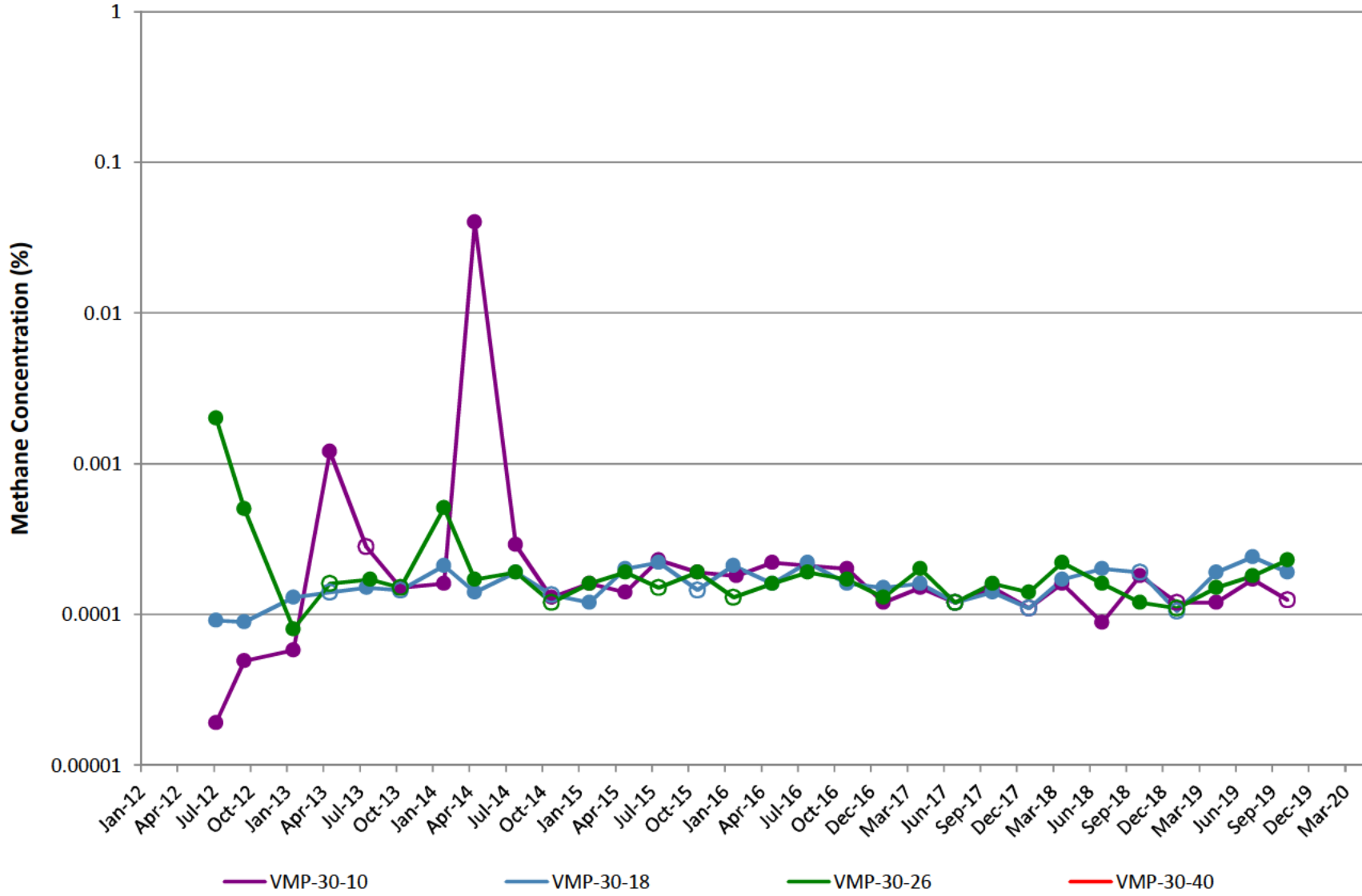
VMP-29

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



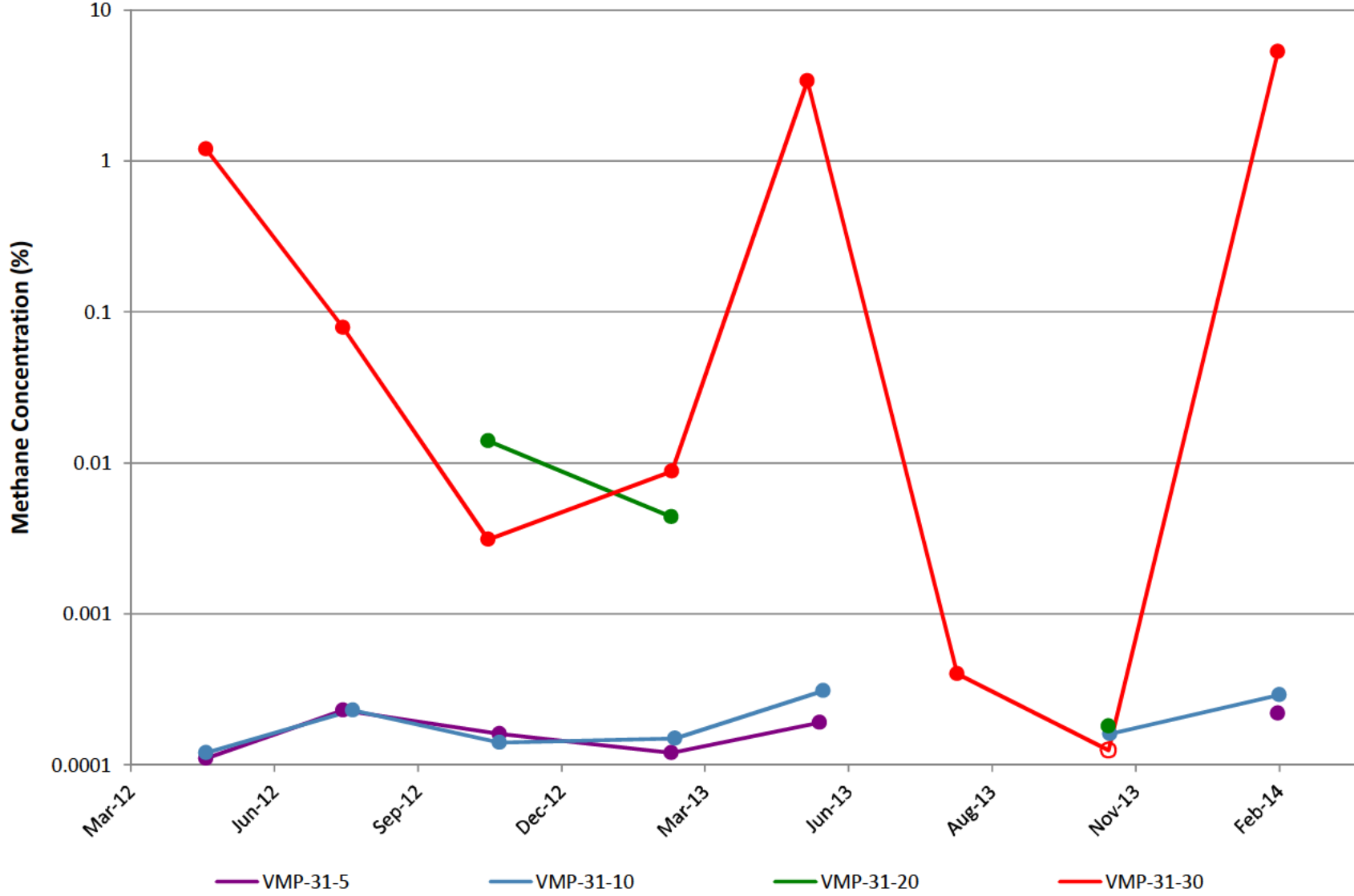
VMP-30

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



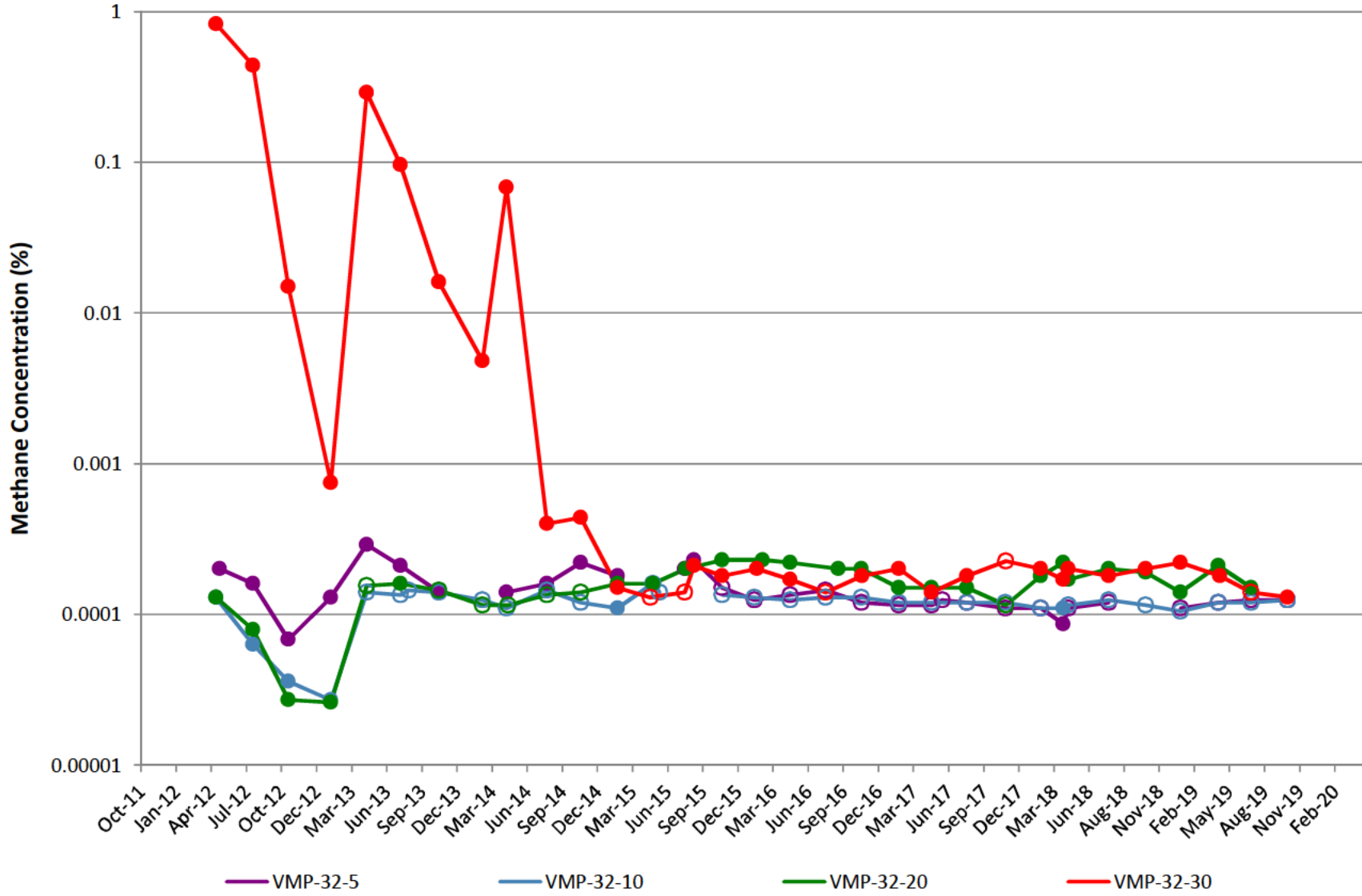
VMP-31

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



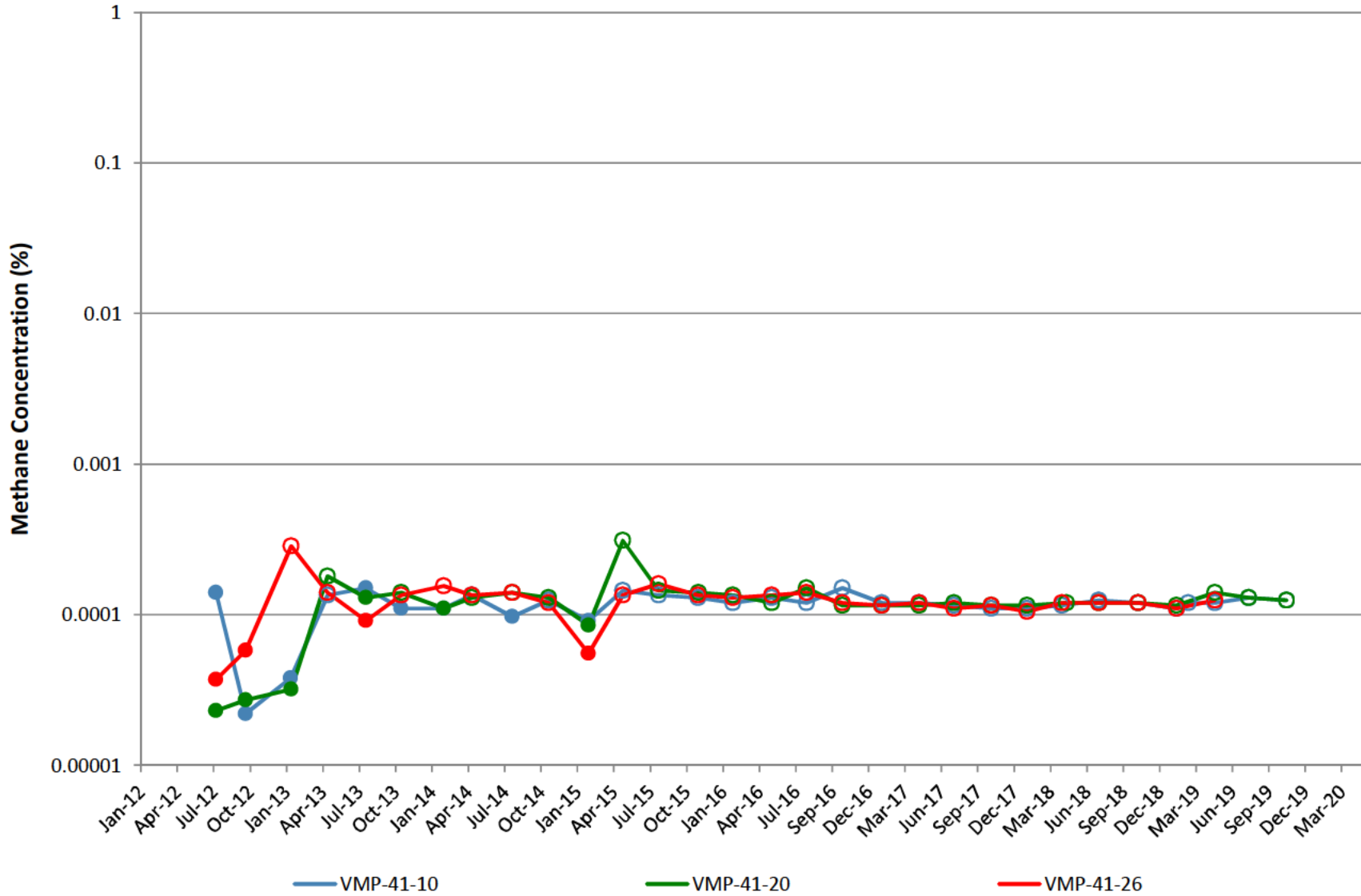
VMP-32

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



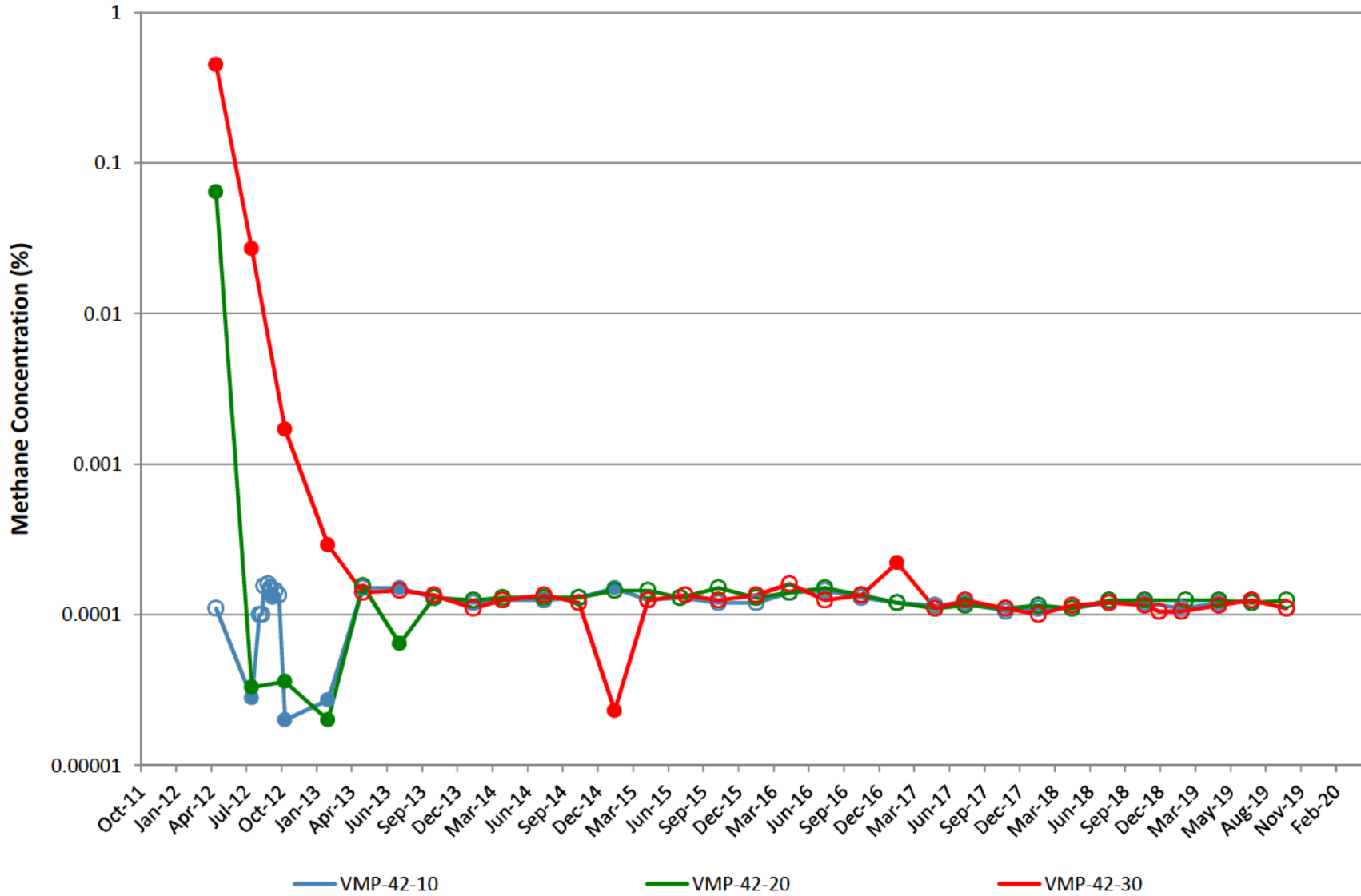
VMP-41

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



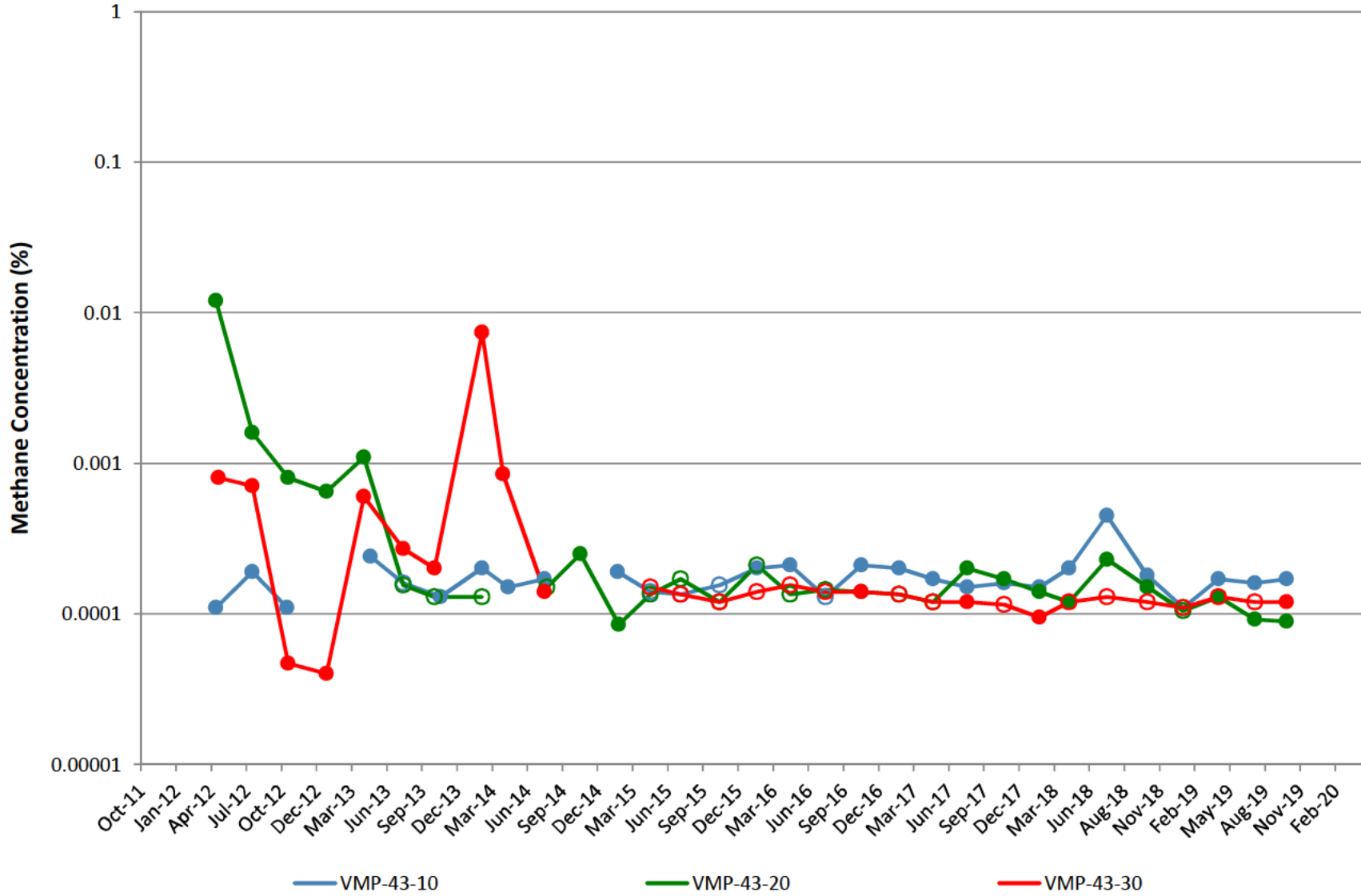
VMP-42

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



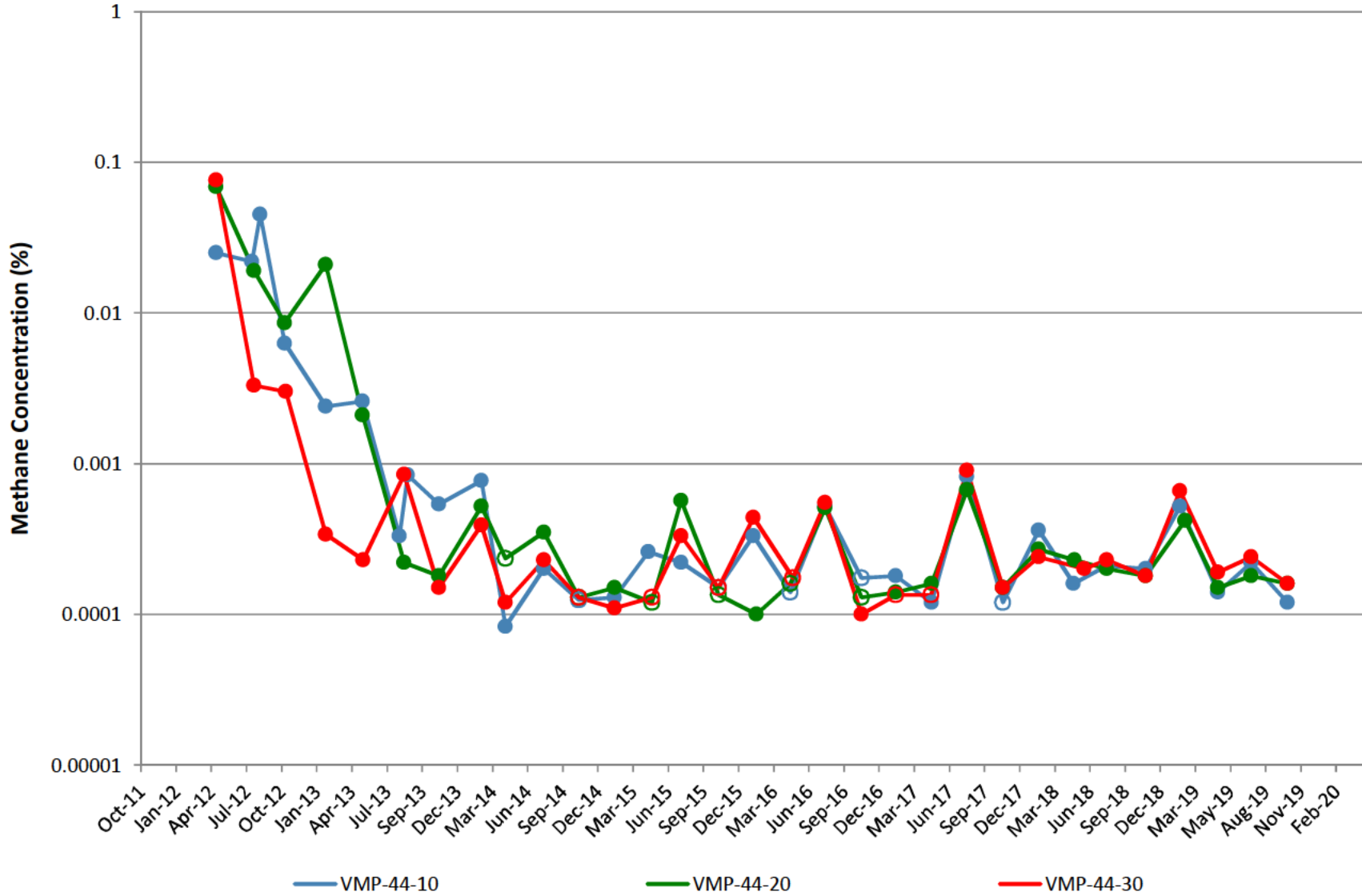
VMP-43

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



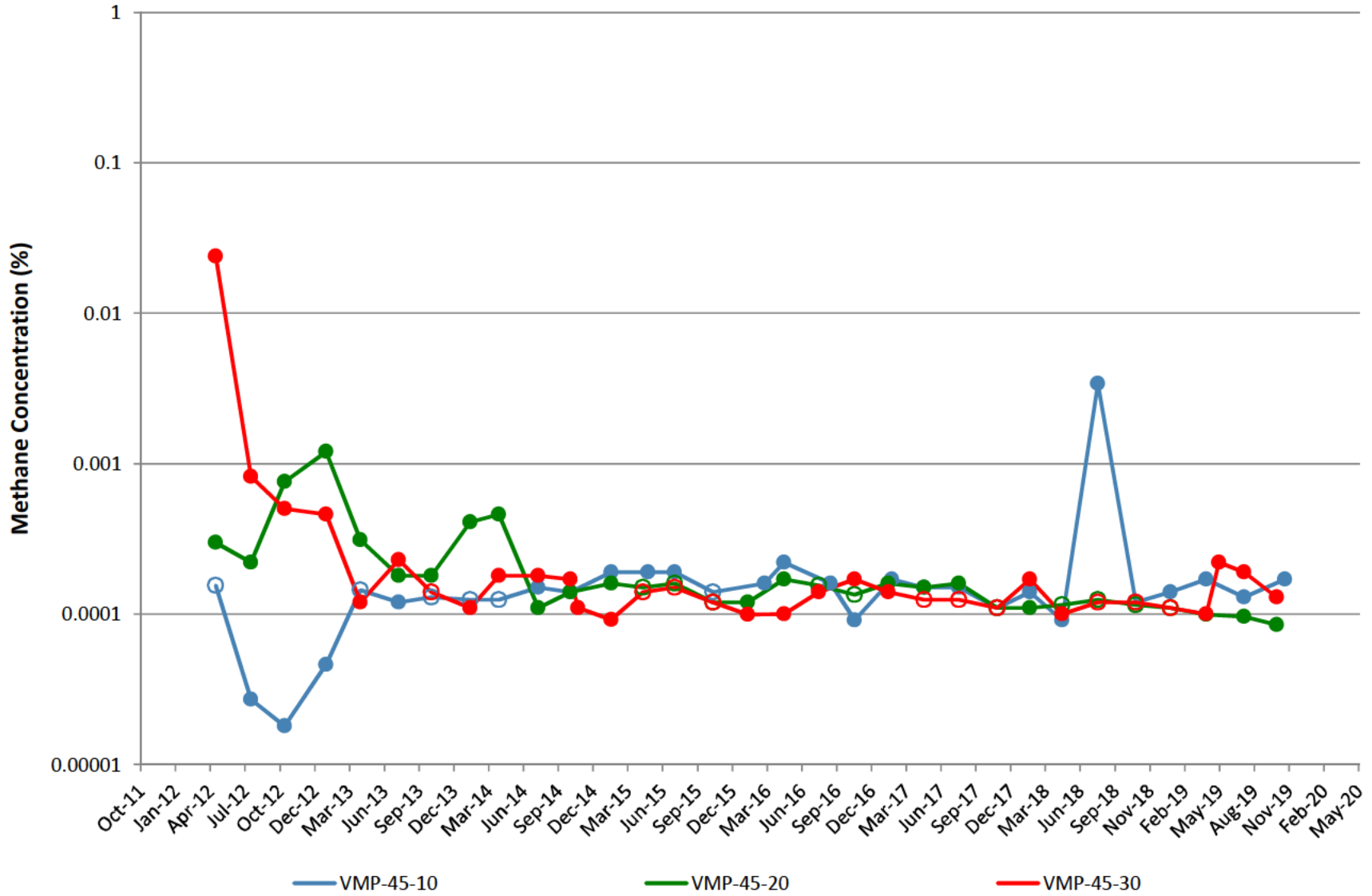
VMP-44

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



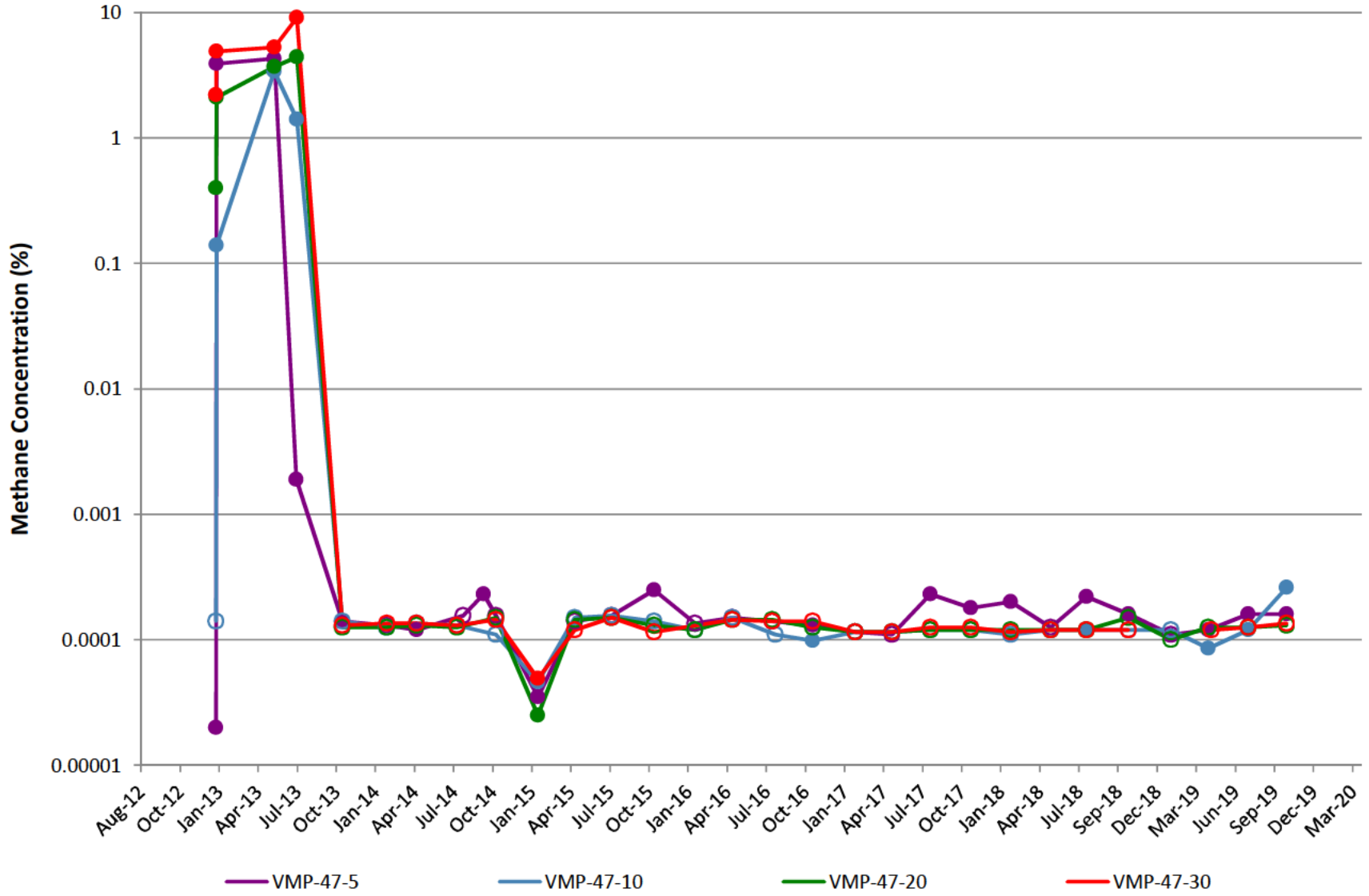
VMP-45

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



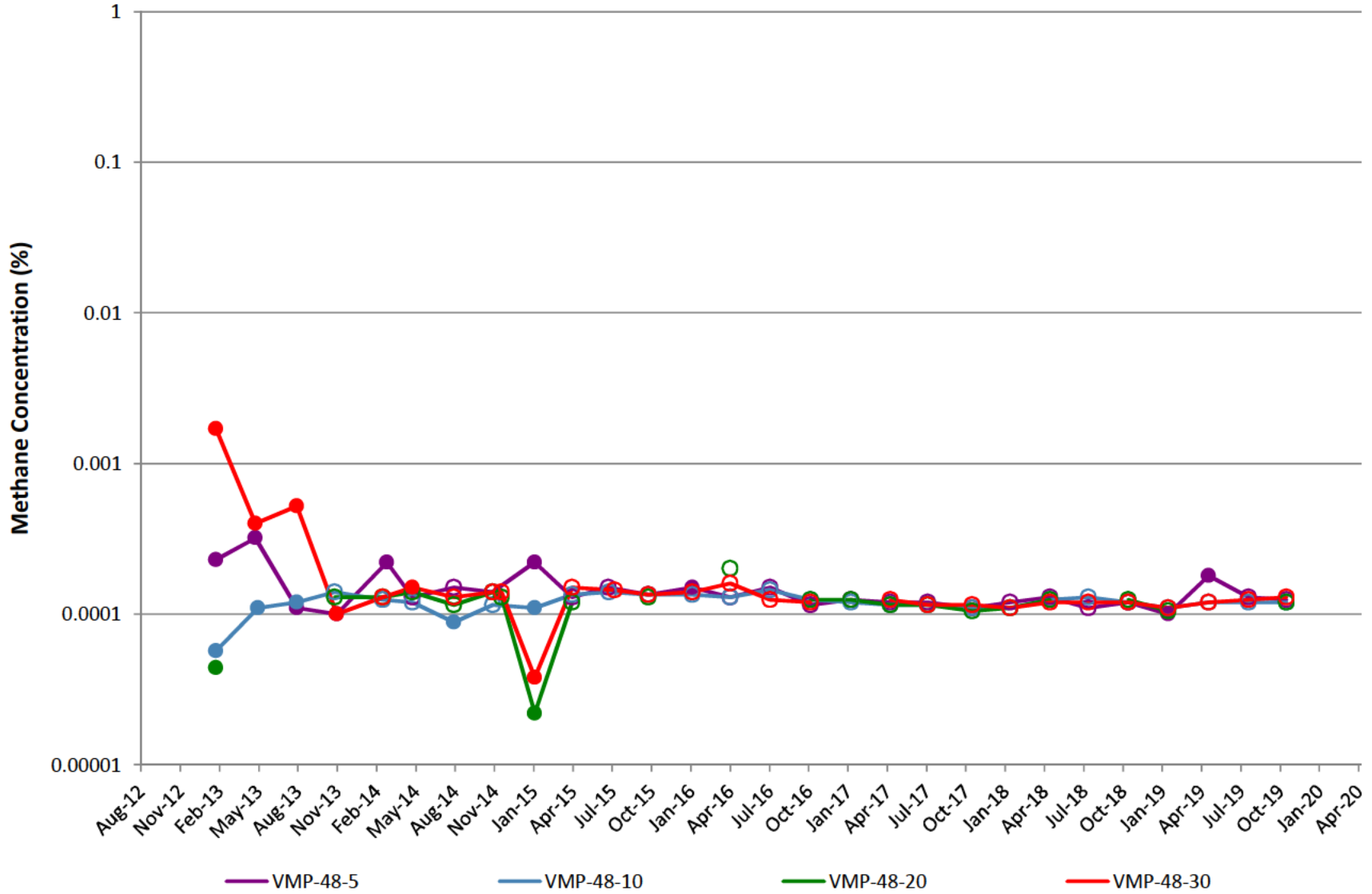
VMP-47

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



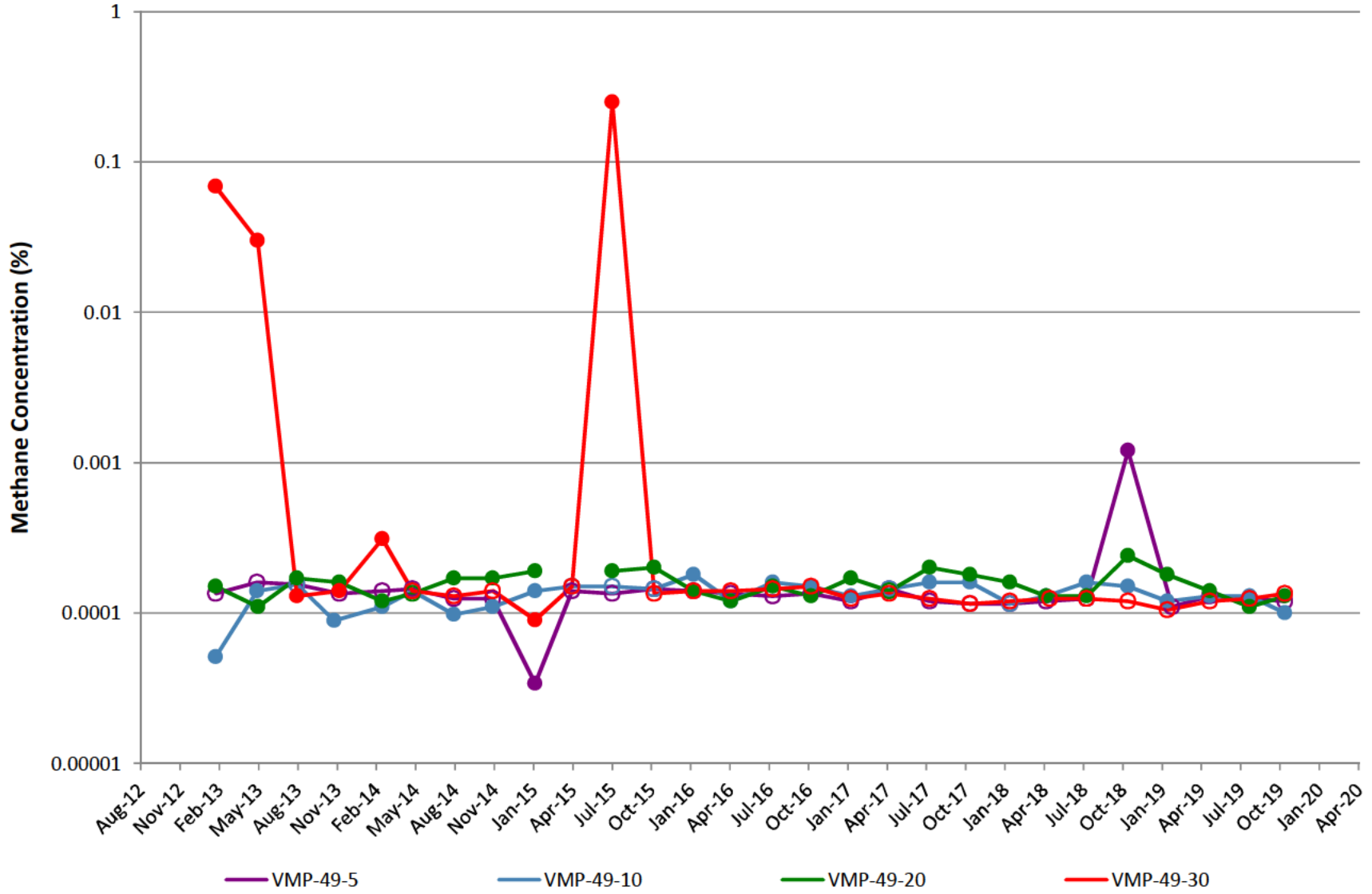
VMP-48

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



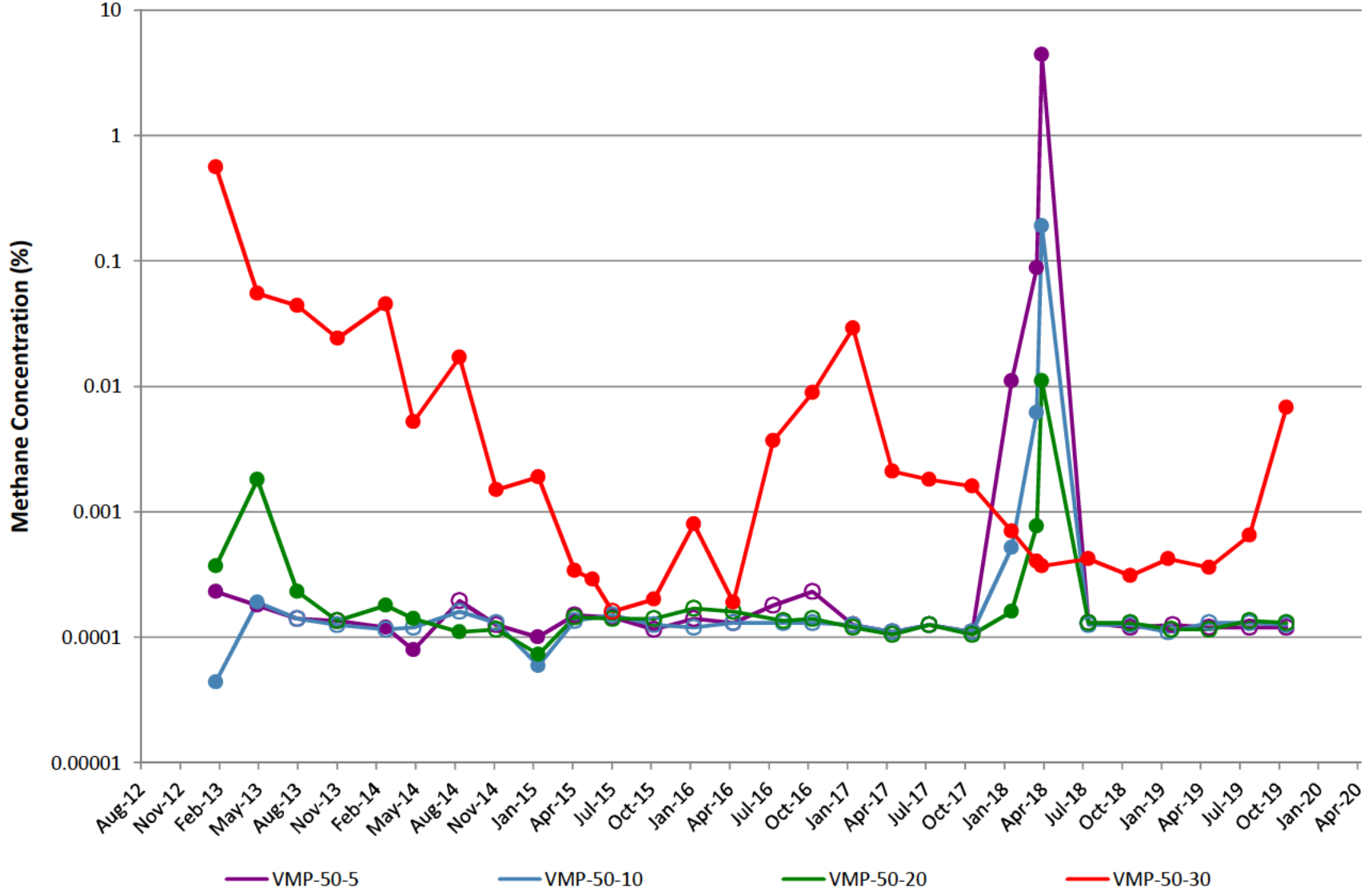
VMP-49

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



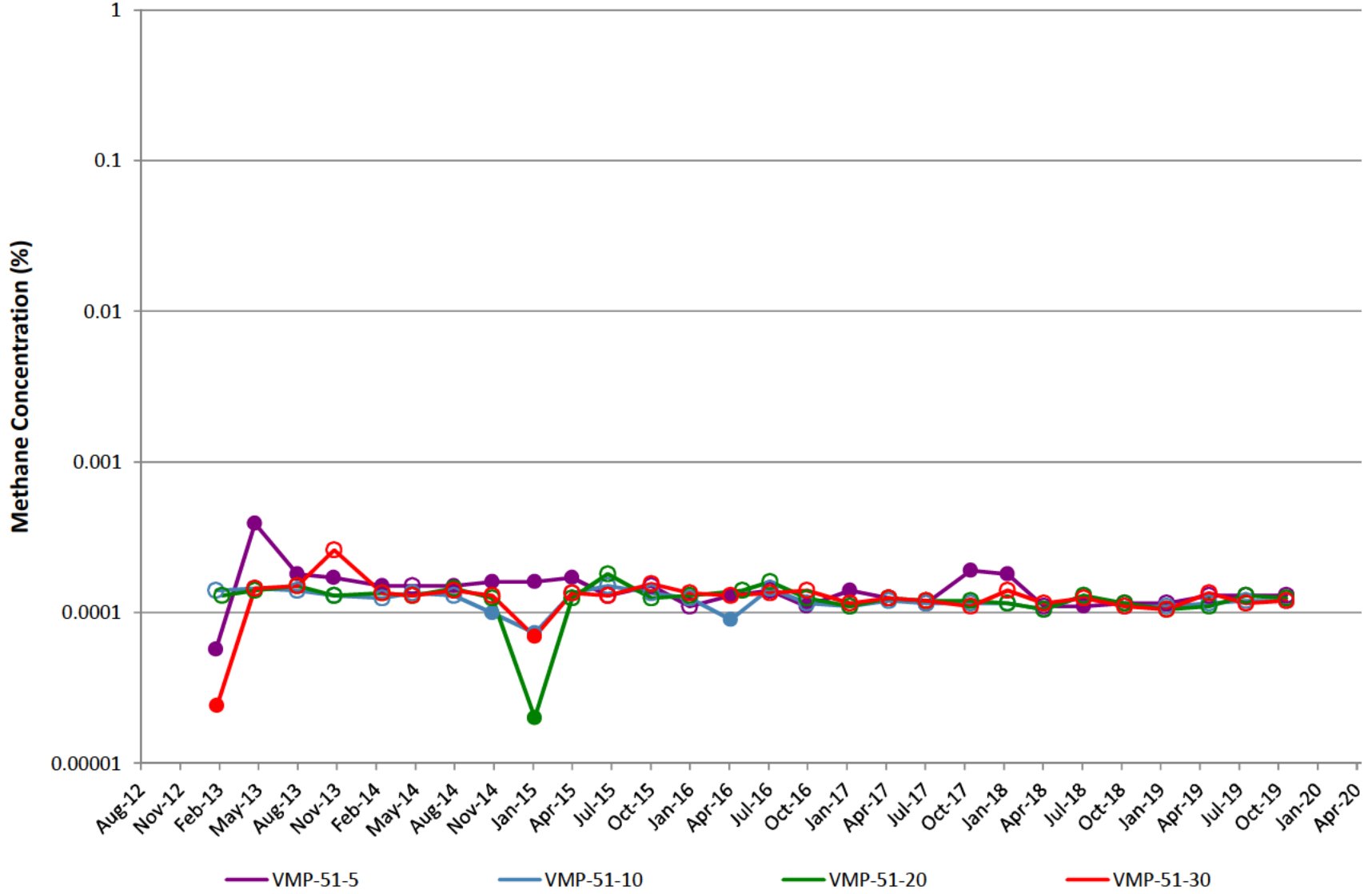
VMP-50

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



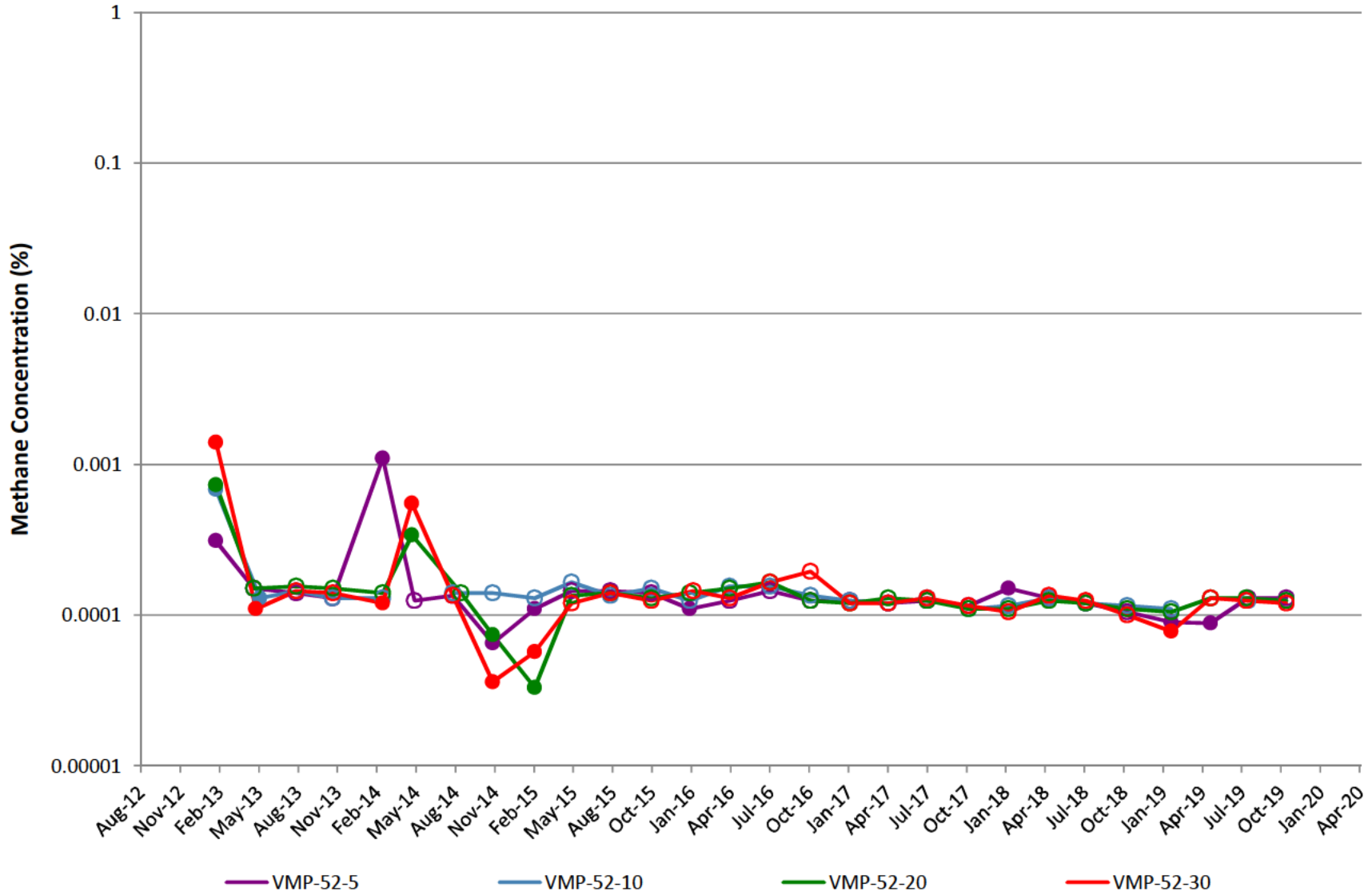
VMP-51

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



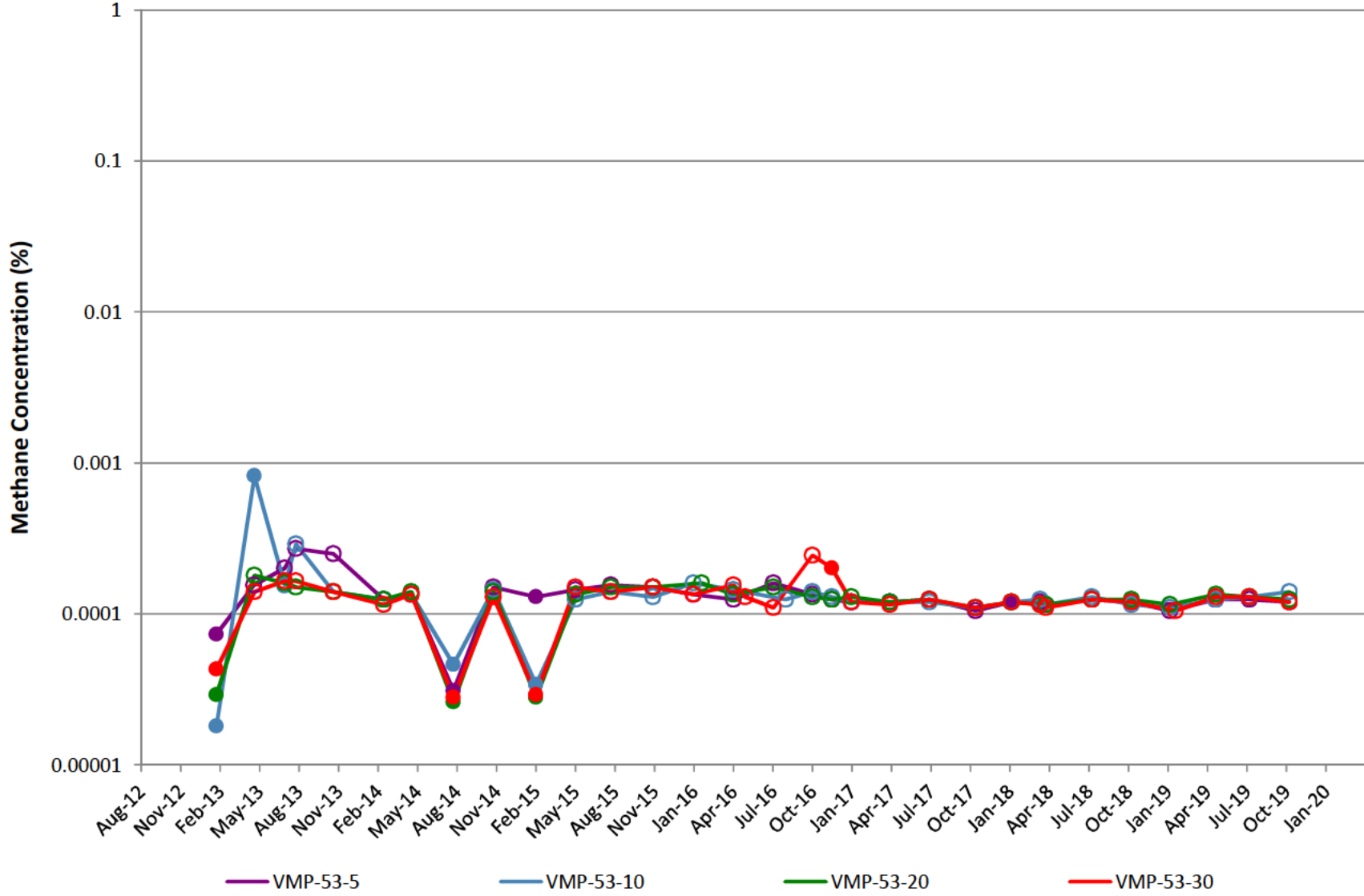
VMP-52

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



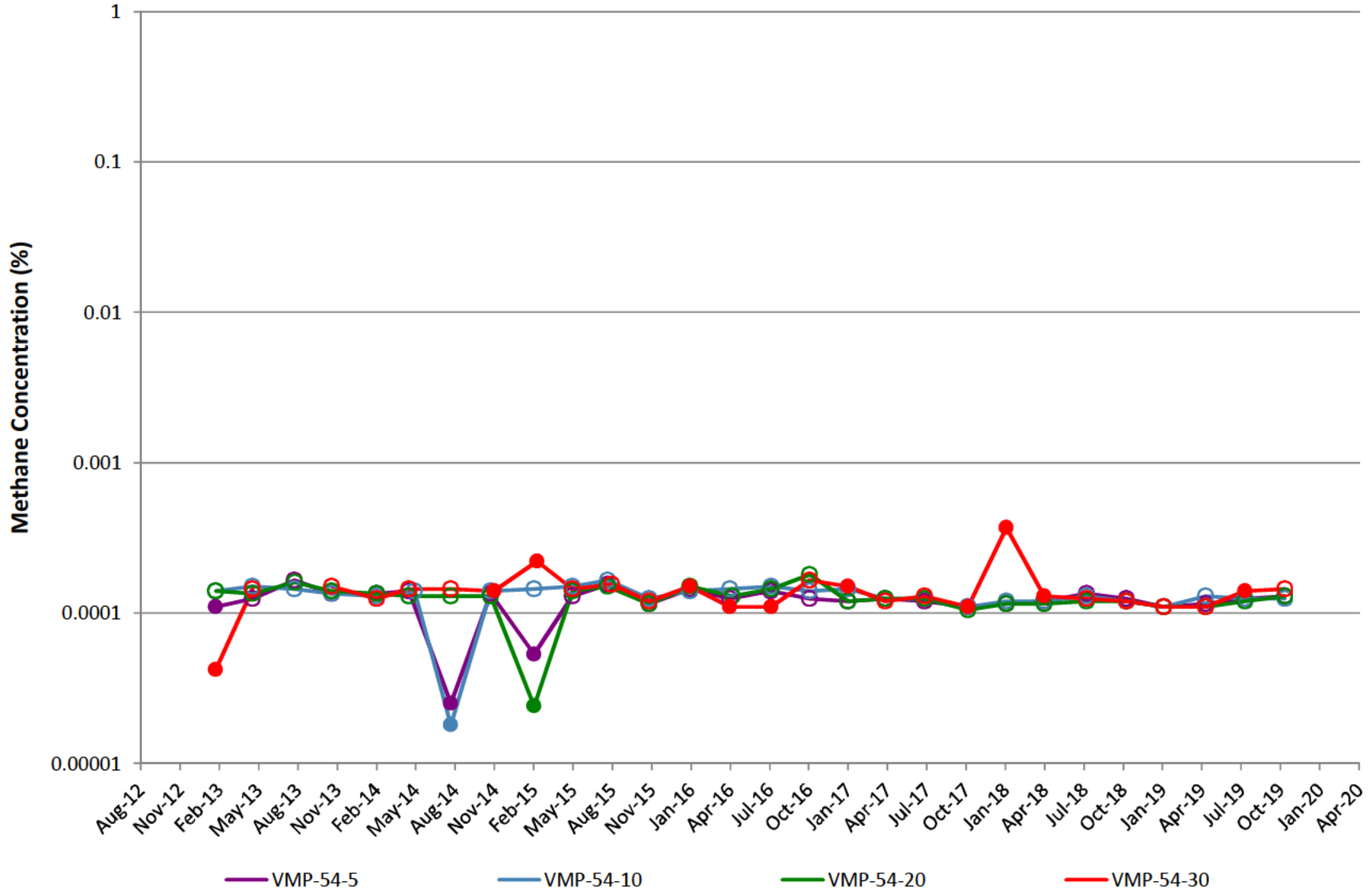
VMP-53

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



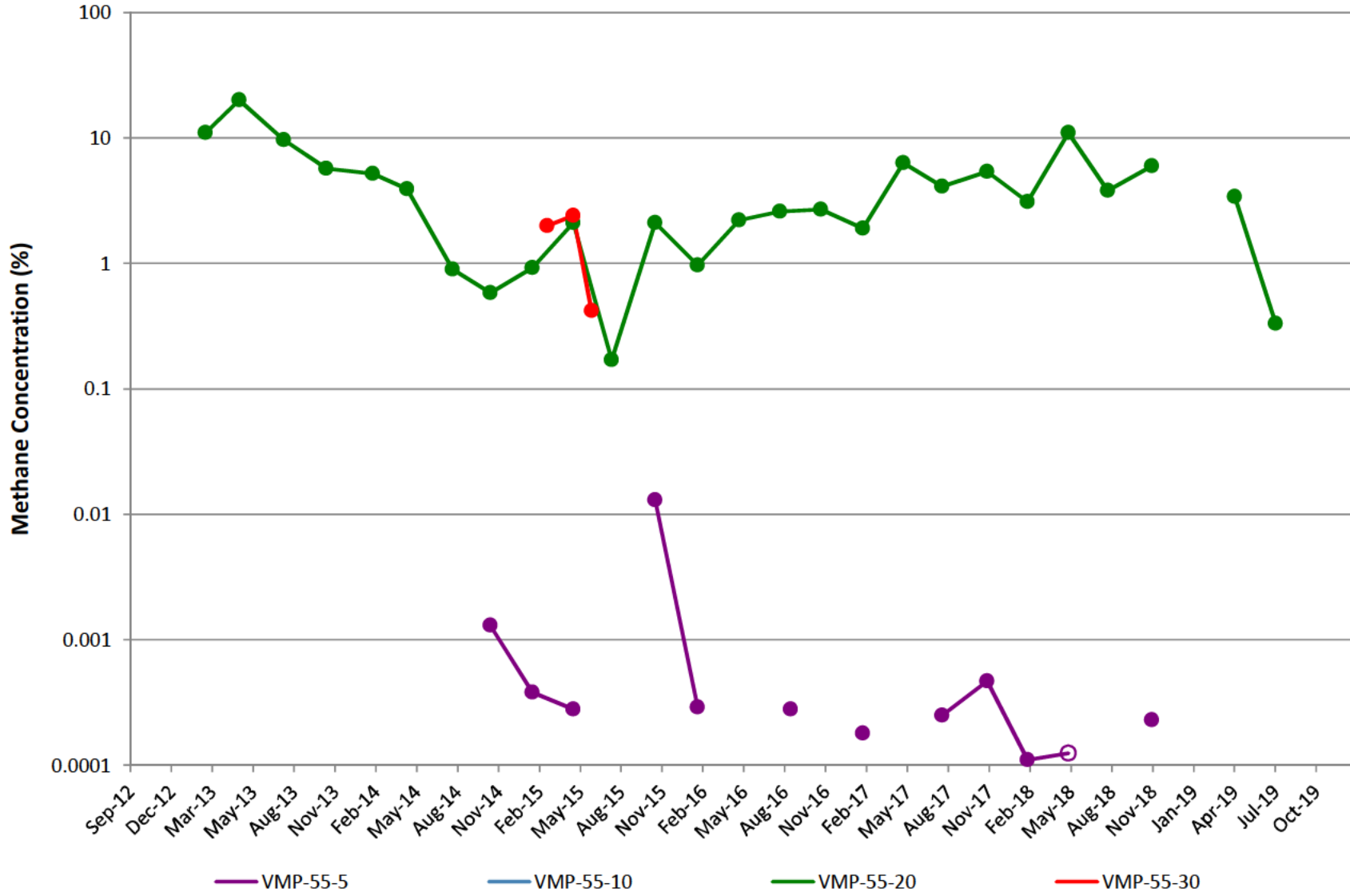
VMP-54

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



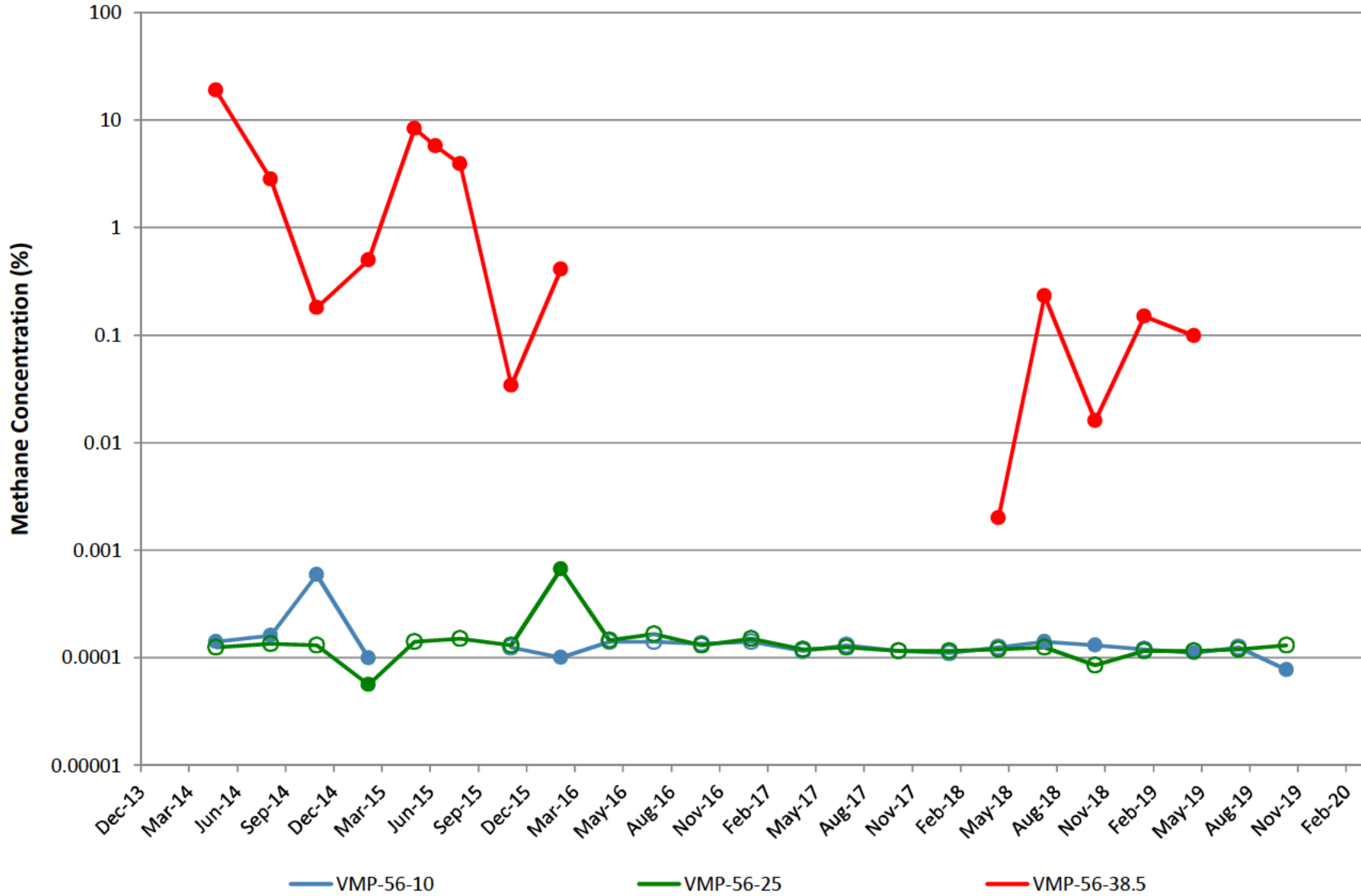
VMP-55

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



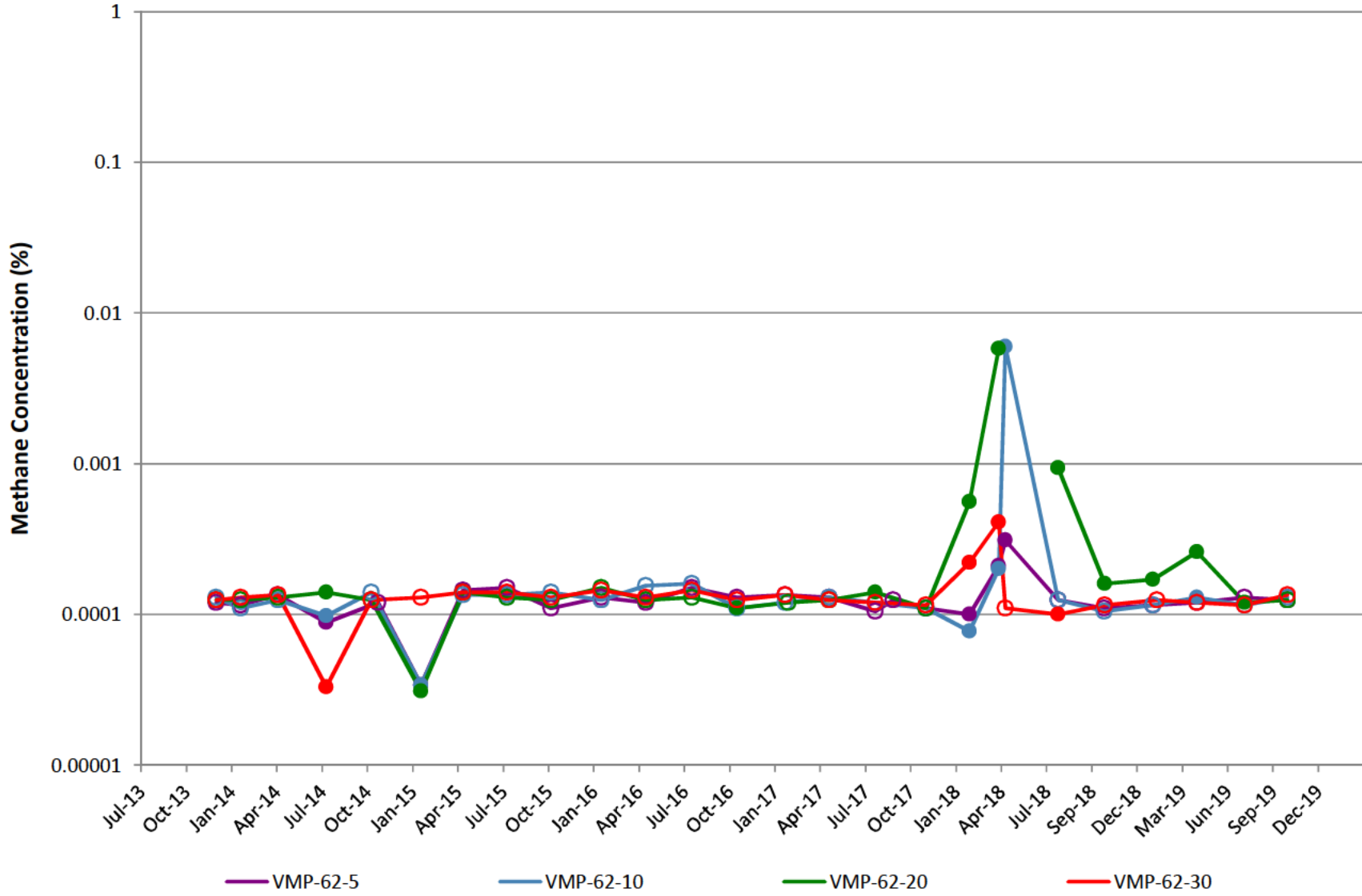
VMP-56

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



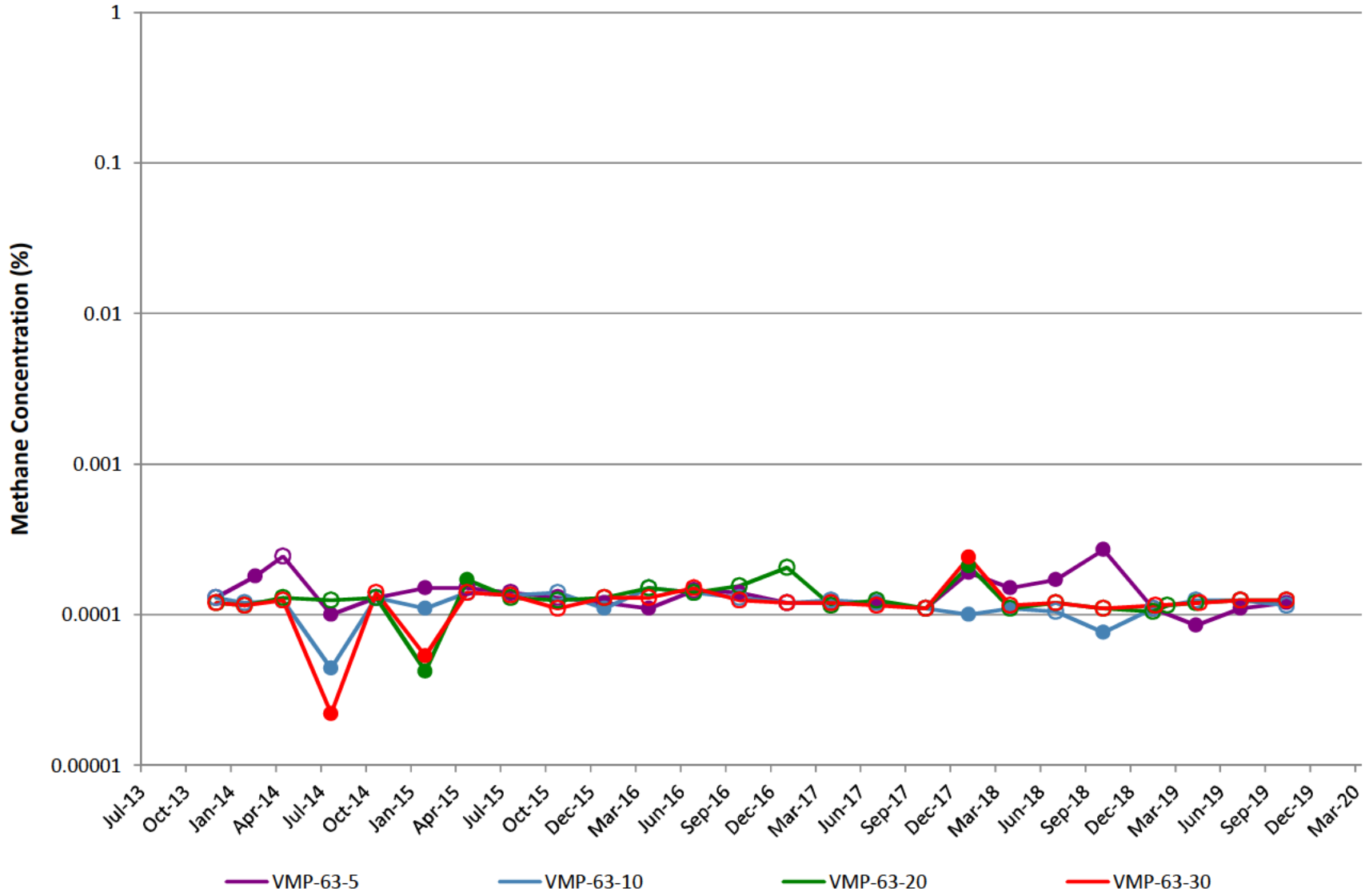
VMP-62

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



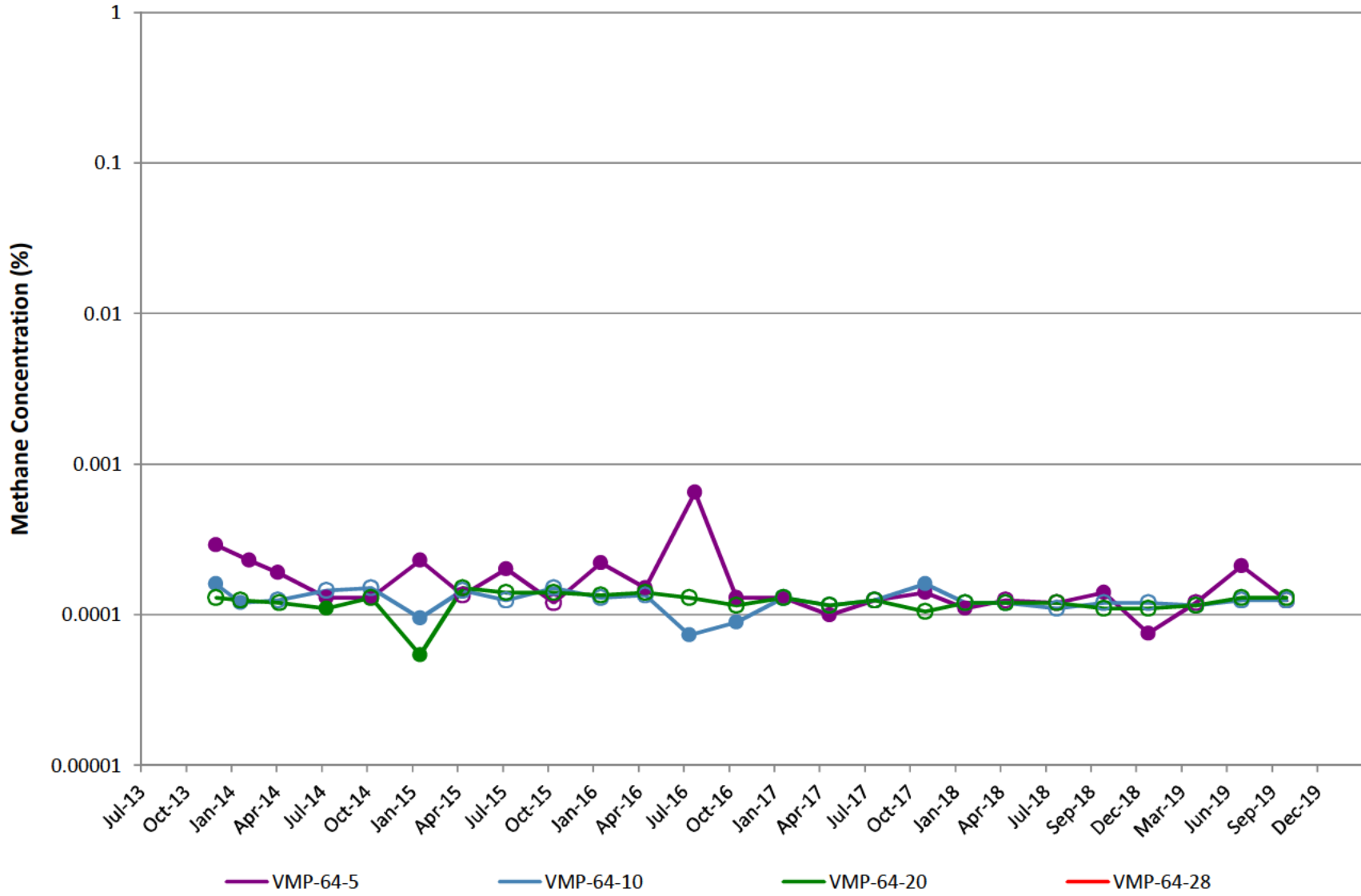
VMP-63

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



VMP-64

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



Appendix B

SVE System Leg Flow Rates

APPENDIX B
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow ¹ (SCFM)	Blue Leg Flow ¹ (SCFM)	Green Leg Flow ¹ (SCFM)	Teal Leg Flow ¹ (SCFM)	Purple Leg Flow ¹ (SCFM)	Brown Leg Flow ¹ (SCFM)
1/2/2019	145	95	189	159	135	0
1/8/2019	153	184	190	184	179	0
1/16/2019	161	175	183	198	195	0
1/22/2019	32	149	152	40	148	0
2/1/2019	96	113	183	0	131	0
2/5/2019	148	138	333	209	165	0
2/13/2019	151	168	332	241	187	0
2/19/2019	133	158	340	199	162	0
2/27/2019	146	105	344	186	156	0
3/1/2019	18	211	46	281	195	0
3/7/2019	138	152	344	206	167	0
3/12/2019	146	158	336	186	182	0
3/20/2019	162	136	201	240	198	0
3/27/2019	162	170	188	194	192	0
4/1/2019	177	181	198	191	200	0
4/4/2019	170	178	192	149	173	0
4/9/2019	162	176	184	162	183	0
4/22/2019	162	159	203	132	212	0
5/2/2019	164	161	178	135	202	0
5/8/2019	161	161	169	114	190	0
5/14/2019	176	170	183	108	202	0
5/20/2019	172	161	176	110	192	0
5/29/2019	170	158	158	104	186	0
6/4/2019	173	159	155	111	178	0
6/11/2019	141	129	312	125	152	0
6/19/2019	147	134	326	116	160	0
6/25/2019	151	112	314	134	166	0
7/2/2019	116	90	235	120	125	0
7/10/2019	156	107	310	98	140	0
7/11/2019	153	107	305	107	138	0
7/17/2019	151	110	311	115	143	0
7/24/2019	172	115	331	82	152	0
7/30/2019	165	112	336	91	136	0
8/5/2019	169	116	340	98	145	0
8/14/2019	168	114	315	111	141	0
8/21/2019	161	120	325	102	130	0
8/28/2019	169	119	331	93	121	0
9/3/2019	163	121	319	75	112	0
9/11/2019	164	136	323	99	117	0
9/16/2019	160	134	331	89	121	0

APPENDIX B
SVE SYSTEM LEG FLOW RATES

Date	Red Leg Flow ¹ (SCFM)	Blue Leg Flow ¹ (SCFM)	Green Leg Flow ¹ (SCFM)	Teal Leg Flow ¹ (SCFM)	Purple Leg Flow ¹ (SCFM)	Brown Leg Flow ¹ (SCFM)
10/1/2019	168	90	339	104	136	0
10/9/2019	165	90	348	84	129	0
10/16/2019	177	93	351	85	130	0
10/23/2019	166	95	353	100	137	0
10/24/2019	171	97	358	94	135	0
10/30/2019	171	94	327	109	152	0
11/4/2019	169	90	329	84	151	0
11/5/2019	163	98	326	96	151	0
11/15/2019	151	104	355	136	167	0
11/21/2019	154	107	344	145	193	0
11/26/2019	155	101	340	111	168	0
12/3/2019	153	99	348	98	157	0
12/11/2019	189	120	32	171	212	0
12/20/2019	158	111	346	157	187	0
12/23/2019	154	106	345	147	160	0

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

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

³The Teal Leg was shut off for maintenance from 1/31/2019 to 2/4/2019.

⁴SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

⁵Flows not included for week of 12/30/2019 because no SVE System samples were collected due to unplanned shutdowns.

Appendix C

SVE System Operating Efficiency and Maintenance Chronology

**APPENDIX C
SVE SYSTEM OPERATING EFFICIENCY**

October-19		Hours of Operation	November-19		Hours of Operation	December-19		Hours of Operation
Date	Hours		Date	Hours		Date	Hours	
1	24	24	1	24	24	1	24	24
2	24	23.27	2	24	24	2	24	24
3	24	23.59	3	24	24	3	24	24
4	24	23.29	4	24	23.1	4	24	24
5	24	24	5	24	24	5	24	24
6	24	24	6	24	22.57	6	24	24
7	24	24	7	24	24	7	24	24
8	24	24	8	24	24	8	24	24
9	24	23.35	9	24	8.42	9	24	24
10	24	24	10	24	23.6	10	24	24
11	24	24	11	24	2.15	11	24	24
12	24	24	12	24	0	12	24	24
13	24	24	13	24	7.72	13	24	24
14	24	24	14	24	14.28	14	24	24
15	24	24	15	24	24	15	24	24
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	8.85
19	24	24	19	24	24	19	24	10.63
20	24	24	20	24	24	20	24	24
21	24	24	21	24	24	21	24	24
22	24	23.93	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	11.65
30	24	23.43	30	24	24	30	24	3.26
31	24	23.82				31	24	7.27
Totals	744	740.68	Totals	720	629.84	Totals	744	665.66
% Up Time		99.55%	% Up Time		87.48%	% Up Time		89.47%

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **October 2, 2019**– Sachs Electric replaced E-card.
- **October 3, 2019**– Replaced WFL filter and pre-filter.
- **October 4, 2019**– Cleaned WFL VLS float systems and housings.
- **October 7, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 14, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 18, 2019**– Cleaned WFL VLS float systems and housings. Opened SVE-29 and SVE-43 from 0% open to 100% open.
- **October 21, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line. Closed wells SVE-29 and SVE-43.
- **October 22, 2019**– Removed WFL pre-filter.
- **October 23, 2019**– Anguil adjusted minimum set points of both fresh air dampers from 30% open to 0% open.
- **October 24, 2019**– Anguil adjusted minimum set points of both fresh air dampers from 0% open to 30% open.
- **October 28, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **October 29, 2019**– Anguil adjusted minimum set point of the 1st of the 2 fresh air dampers from 30% open to 35% open.
- **October 30, 2019**– **800 hour maintenance** - Replaced both WFL and PW VLS filter, replaced blower filter and pre-filter, replaced combustion filter, and greased all system fittings. Replaced 2 relief valves on the air compressor and 2 relief valves on the rotary air compressor.
- **October 31, 2019**– Replaced system data card. Tested AST, VLS and process room floats.
- **November 1, 2019**– Perform annual float test on WFL AST. Anguil adjusted minimum set point of the 2nd of the two fresh air dampers from 30% open to 35% open.
- **November 4, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.
- **November 8, 2019**– Cleaned WFL and PW VLS float systems and housings.
- **November 11, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **November 14, 2019– 800 hour maintenance** - Replaced combustion filter and greased all system fittings. Sachs Electric replaced WFL VLS float assembly.
- **November 18, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line. Shut down system to allow for cooling prior to working on stack pitot tube.
- **November 19, 2019–** Gross Mechanical inspected stack pitot tube, and replaced differential pressure lines, vacuum line, and valves associated with the stack pitot tube.
- **November 20, 2019–** Maintenance performed on differential pressure components of system. System restarted.
- **November 21, 2019–** Replaced 2 pressure switches associated with the system differential pressure alarm.
- **November 25, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **November 26, 2019–** Replaced both WFL and PW VLS filter. Tested AST, VLS and process room floats.
- **November 27, 2019–** Cleaned WFL and PW VLS float systems and housings.
- **December 2, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 6, 2019–** Cleaned WFL and PW VLS float systems and housings.
- **December 9, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line.
- **December 10, 2019–800 hour maintenance** - Replaced WFL filter, replaced blower pre-filter, replaced combustion filter, greased all system fittings, and replaced system data card. Tested AST, VLS and process room floats. Perform annual float test on PW AST.
- **December 13, 2019–** Cleaned WFL and PW VLS float systems and housings.
- **December 17, 2019–** Drained condensate from both system compressors and performed bubble test on natural gas line. Opened wells SVE-16 and SVE-34 to 100% open. Adjusted WFL North dilution valve from 0% open to 25% open. Closed SVE-16 and SVE-34 and WFL North dilution valve.
- **December 18, 2019–** Cleaned the UV scanner lens.
- **December 19, 2019–** Changed blower oil and checked system fan belts.
- **December 20, 2019–** Cleaned WFL and PW VLS float systems and housings.

APPENDIX C
SVE SYSTEM MAINTENANCE CHRONOLOGY

- **December 23, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.

- **December 27, 2019**– Cleaned WFL and PW VLS float systems and housings.

- **December 30, 2019**– Drained condensate from both system compressors and performed bubble test on natural gas line.

Appendix D

Total Header Hydrocarbon Concentrations

**APPENDIX D
TOTAL HEADER HYDROCARBON CONCENTRATIONS**

Date	West Fenceline Concentration (ppmv)	Public Works Concentration (ppmv)
1/2/2019	11,200	28,800
1/8/2019	19,100	35,200
1/16/2019	20,900	52,400
1/22/2019	37,600	39,200
2/1/2019	16,100	NM ¹
2/5/2019	17,400	64,900
2/13/2019	18,000	73,500
2/19/2019	16,900	47,200
2/27/2019	16,900	42,700
3/1/2019	15,000	47,000
3/7/2019	14,000	32,800
3/12/2019	16,400	36,700
3/20/2019	31,900	64,900
3/27/2019	23,000	40,200
4/1/2019	24,000	24,700
4/4/2019	23,200	42,800
4/9/2019	24,000	34,000
4/22/2019	26,200	37,300
5/2/2019	28,400	38,600
5/8/2019	28,900	37,800
5/14/2019	26,800	38,300
5/20/2019	27,600	32,400
5/29/2019	29,200	35,100
6/4/2019	26,500	47,600
6/11/2019	16,600	24,600
6/19/2019	16,800	33,300
6/25/2019	14,900	24,700
7/2/2019	14,500	24,700
7/10/2019	12,100	15,700
7/11/2019	11,000	15,200
7/17/2019	10,200	15,100
7/24/2019	10,700	12,800
7/30/2019	9,500	10,400
8/5/2019	10,900	11,100
8/14/2019	10,600	13,100
8/21/2019	9,814	10,100
8/28/2019	9,820	9,750
9/3/2019	11,400	7,442
9/11/2019	11,000	8,680
9/16/2019	10,000	7,515
9/24/2019	9,830	7,530
10/1/2019	9,095	9,209
10/9/2019	8,621	5,770
10/16/2019	6,713	6,867
10/23/2019	9,079	7,847
10/24/2019	8,847	7,220
10/30/2019	11,200	13,700
11/4/2019	9,574	10,300
11/5/2019	9,858	11,600
11/15/2019	11,600	14,700
11/21/2019	10,500	16,900
11/26/2019	9,998	15,200
12/3/2019	11,400	19,600
12/11/2019	8,768	22,300
12/20/2019	11,400	27,200
12/23/2019	11,300	25,410

¹Public Works Header was closed for maintenance from 1/31/19 to 2/4/19.

²SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

³Samples not collected week of 12/30/2019 due to unplanned system shutdowns.

Appendix E SVE System Flow Rates

**APPENDIX E
SVE SYSTEM FLOW RATES**

Date	West Fenceline Header ¹ (SCFM)	Public Works Header ¹ (SCFM)
1/2/19	564	159
1/8/19	707	184
1/16/19	714	198
1/22/19	480	40
2/1/19	523	0
2/5/19	784	209
2/13/19	838	241
2/19/19	793	199
2/27/19	751	186
3/1/19	470	281
3/7/19	802	206
3/12/19	822	186
3/20/19	697	240
3/27/19	713	194
4/1/2019	756	191
4/4/2019	713	149
4/9/2019	705	162
4/22/2019	736	132
5/2/2019	705	135
5/8/2019	681	114
5/14/2019	731	108
5/20/2019	701	110
5/29/2019	672	104
6/4/2019	664	111
6/11/2019	734	125
6/19/2019	766	116
6/25/2019	743	134
7/2/2019	566	120
7/10/2019	712	98
7/11/2019	703	107
7/17/2019	716	115
7/24/2019	770	82
7/30/2019	750	91
8/5/2019	770	98
8/14/2019	739	111
8/21/2019	736	102
8/28/2019	740	93
9/3/2019	714	75
9/11/2019	740	99
9/16/2019	746	89
9/24/2019	716	84
10/1/2019	733	104
10/9/2019	733	84
10/16/2019	751	85
10/23/2019	752	100
10/24/2019	761	94
10/30/2019	744	109
11/4/2019	738	84
11/5/2019	739	96
11/15/2019	776	136
11/21/2019	798	145
11/26/2019	764	111
12/3/2019	758	98
12/11/2019	553	171
12/20/2019	802	157
12/23/2019	765	147

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

²Public Works Header was closed for maintenance from 1/31/19 to 2/4/19.

³SVE System was shut down for maintenance from 4/11/2019 to 4/18/2019.

⁴Flows not included for week of 12/30/2019 because no samples were collected due to unplanned shutdowns.

