BEEKMAN HIGHWAY GARAGE

4 MAIN STREET
HAMLET OF POUGHQUAG
DUTCHESS COUNTY, NEW YORK
NYSDEC SITE: #3-14-094

PERIODIC REVIEW REPORT

PERIOD OF 2018 - 2021

Prepared for:

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JULY 15, 2021

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) was prepared according to the requirements of the Site Management Plan (SMP), dated February 2018, for the Town of Beekman Highway Garage (hereinafter referred to as the "Site") located on Town property at the intersection of County Route 7 and Gardner Hollow Road in the Hamlet of Poughquag, Town of Beekman, Dutchess County, New York (Figure 1). The completed New York State Department of Environmental Conservation (NYSDEC) Institutional and Engineering Controls Certification Form is included as Appendix A.

The Town Highway Garage is listed as NYSDEC Site #3-14-094. Past operations at the Site resulted in contamination of local groundwater. Monitoring of groundwater and indoor air quality has been conducted by Conrad Geoscience Corp. (Conrad) and Partridge Venture Engineering, PC, doing business as PVE Engineering ("PVE") since 2001 in accordance with the State-approved SMP, dated February 2018.

This PRR was prepared to document the ongoing inspections and monitoring activities that have been completed during the reporting period from July 2018 to June 2021 following the remediation work documented in the Final Engineering Report (FER), dated August 6, 2013. These activities include:

- Periodic groundwater monitoring completed in September 2020; &
- Quarterly Engineered Control, Institutional Control, and Site Management Inspections completed on a quarterly basis between 2018 and 2021.

The ongoing monitoring and inspections have shown that the engineering controls continue to perform as designed and the requirements described in the environmental easement and the SMP have been met.

2.0 SITE OVERVIEW

2.1 Location and Description

The Site is located on Town of Beekman Highway Department property at the intersection of County Route 7 and Gardner Hollow Road in the Hamlet of Poughquag, Town of Beekman, Dutchess County, New York (Figure 1). The site is situated in the north-central portion of the 10-acre Town property. Selected site features are depicted in Figure 2.

A list of all investigation and remediation reports pertaining to the Site are listed below in chronological order:

- Preliminary Site Assessment (PSA) – May 1996
- Order on Consent – July 1997
- Remedial Investigation (RI) – March 1998
- Focused Feasibility Study (FFS) – March 1999
- Proposed Remedial Action Plan (PRAP) – February 1999
- Record of Decision (ROD) – November 1999
- Soil Remediation Report – April 2001
- Site Management Plan (SMP) – June 2010; Revised May 2013 and February 2018
- FER – August 2013

A Certificate of Completion (COC) was issued by NYSDEC on May 20, 2014.

2.2 Summary of Remedial Investigation Findings

Between June and December of 1997, the Town of Beekman conducted a RI to identify the sources and extent of solvent contamination on Town premises so that appropriate remedial actions could be selected.

2.2.1 Groundwater

The RI report, dated March 1998, confirmed that two (2) overlapping plumes of dissolved solvents, originating from three (3) separate areas at the site are present. The chlorinated solvent 1,1,1-trichloroethane (TCA) was originally discharged near the western end of the Highway pole barn. The chlorinated solvent perchloroethylene (PCE) was originally discharged near the northeastern corner of the pole barn. From these discharge locations, dissolved solvents were carried southward with the flow of groundwater. Other dissolved constituents, including BTEX compounds (benzene, toluene, ethylbenzene & xylene), originating from previously removed underground storage tanks (USTs) also conform to this same general pattern.

2.2.2 Soil

Soil borings in the former gasoline and diesel tank area near the east end of the Highway salt shed revealed petroleum-contaminated soil, presumably from tank leakage prior to removal of the USTs near the eastern end of the salt shed in 1989 and 1993. According to the Focused FFS

report (1999), approximately 410 yd^3 of petroleum-contaminated soil (PCS) were present in the former underground storage tank USTs in this area. The depth of contamination ranged from 3 to 14 feet below ground surface (bgs) beneath an area covering approximately 1,100 ft^2. No undissolved product was observed during soil removal. No volatile organic compounds (VOCs) were detected in any of the fifteen (15) sidewall post-excavation samples at concentrations exceeding recommended soil cleanup objectives (SCOs). Only one (1) of the seven (7) floor samples contained VOCs at concentrations exceeding recommended SCOs. The Soil Remediation Report (April 2001) contains tables that include all post excavation soil data. In 1992, the chlorinated solvent TCA, PCE and other VOCs were detected in residential wells down-gradient from the Site. The solvent plume was known to extend approximately 1,100 to 1,200 feet into the Hamlet south of the Highway garage.

2.2.3 Vapor

In March 2006, Conrad conducted sub-slab vapor and indoor air sampling at the site. PCE and trichloroethene (TCE) were present in both sub-slab vapor and indoor air samples, indicating that a vapor intrusion condition exists on Highway Garage property. Both compounds were found in groundwater on site as well as in products used in the automotive maintenance sections of the garage. According to New York State Department of Health (NYSDOH) guidance documents, mitigation of PCE and TCE vapors was required at five locations: Sheriff Substation office, Highway Superintendent office, former Alamo Ambulance substation, Pole Barn garage, and Block Garage (Figure 2).

2.3 Summary of Remedial Action

The site was remediated in accordance with the NYSDEC-approved Remedial Action Plan dated June 2000 and Vapor Intrusion Mitigation Workplan, dated November 2006. Following, is a summary of the Remedial Actions performed at the site:

1. In December 2000, Conrad supervised the excavation, stockpiling, and disposal of approximately 650 yd^3 (1,011 tons) of contaminated soil from the former UST locations. Contaminated soil was transported off-site, thermally treated and recycled. The excavation measured approximately 1,500 square feet and averaged 11 feet in depth.
2. The excavation was backfilled to grade with clean soil and repaved.
3. Based on diagnostic testing in the pole barn and block garage buildings, it was determined that, installation of an active sub-slab depressurization system (SSDS) in each building affected would effectively mitigate exposure to soil vapor intrusion. SSDSs were installed in 2007 and 2008. Details of these systems and their installation are included in the SMP.
4. Remedial activities were completed at the site in June 2008.

3.0 PERFORMANCE EVALUATION

The remedial actions were designed to achieve site specific remediation objectives. These include:

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent ingestion/direct contact with contaminated soils.
- Prevent migration of contaminants that would result in groundwater or surface water impacts.
- Prevent exposure to contaminated vapors.

The engineered and institutional controls in place at the site continue to be effective in achieving the site-specific remediation goals.

An institutional control, in the form of an environmental deed restriction has been put in place to restrict the Site to commercial or industrial uses and restrict activities at the Site, including use of groundwater without proper treatment.

Ingestion/direct contact with contaminated soils has been prevented through the installation and maintenance of a composite cover, consisting of the on-site buildings, gravel and asphalt driveway and parking lots.

Migration of contaminated vapors from beneath the cap into indoor air is prevented by the operation of a sub-slab depressurization system in both the Block Garage, Pole Barn, and Sherriff Substation.

4.0 INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS COMPLIANCE REPORT

4.1 Engineering Controls

Because some contamination remained after completion of remedial actions, Engineering Controls were incorporated into the site remedy to prevent future vapor intrusion and to monitor the natural attenuation of groundwater contaminants in order to ensure protection of public health and the environment. The following Engineering Controls were implemented as per the SMP:

1. A cover system consisting of asphalt pavement is in place covering the area of excavated soil.
2. SSDSs are in place in the Sheriff's Substation, Block Garage, and Pole Barn.
3. Natural attenuation of groundwater contaminants.

4.1.1 Soil Cover System

A cover system was placed over the area in which petroleum hydrocarbon soil was excavated at the site. This cover system is comprised of approximately 1,500 square feet of asphalt pavement with an average clean fill depth of 11 feet.

If the type of cover system changes from that which exists prior to the excavation (i.e., the current asphalt cover is replaced by a tarp), this will constitute a modification of the cover element of the remedy. Any changes made must be made per the requirements of the SMP, and a figure showing the modified surface included in this report and in any updates to the SMP.

4.1.2 Sub-slab Depressurization Systems

Mitigation of soil vapors (elevated PCE and TCE) are required at five locations on site: Sheriff's Substation office, Highway Superintendent's office, former Ambulance Substation, Pole Barn garage, and Block Garage.

The three (3) SSDSs installed at the Sheriff's Substation, Block Garage, and Pole Barn were activated in June 2008. The objective of each SSDS is to prevent vapor contaminants from penetrating the concrete floor slab and entering the indoor airspace of each building by lowering the pressure beneath the slab.

The long-term vapor intrusion monitoring program, as described in the SMP, includes quarterly inspections of the SSDSs and annual collection and analysis (during the heating season) of indoor air samples from two indoor locations (one from the Sheriff's Substation Office, the other from the Highway Superintendent's Office located inside the Pole Barn).

4.1.3 Natural Attenuation of Groundwater

The ROD indicates that contaminants in soil and groundwater on the Town site have resulted in a significant threat to human health and the environment. Accordingly, the ROD includes requirements for long-term groundwater monitoring of migration and attenuation of the contaminant plume over time.

Groundwater monitoring activities to assess the natural attenuation of contaminants at the site will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic over an extended period.

The long-term groundwater monitoring program, as set forth in the SMP, includes periodic collection and analysis (during the 2nd or 3rd quarter) of water samples from two (2) on-site monitoring wells (MW-4 and MW-17).

4.2 Institutional Controls

A series of Institutional Controls are required under the SMP to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to contaminated soil by controlling disturbances of the subsurface; (3) limit the use and development of the Site to commercial uses only. Adherence to these Institutional Controls on the Site is required by the Environmental Deed Restriction and will be implemented under the SMP. The Site is a Controlled Property subject to the Environmental Deed Restriction. The Site is also referred to in this section as the "Controlled Property". These Institutional Controls must adhere to the following conditions:

- Compliance with the Environmental Deed Restriction and the SMP must be maintained by the Grantor and the Grantor's successors and assigns.
- All Engineering Controls must be operated and maintained as specified in the SMP.
- All Engineering Controls on the Controlled Property (the Site) must be inspected at a frequency and in a manner defined in the SMP.
- Groundwater and Vapor monitoring must be performed as defined in the SMP.
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP.

Institutional Controls identified in the Environmental Deed Restriction may not be discontinued without an amendment to or extinguishment of the Environmental Deed Restriction.

The Site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Deed Restriction. Site restrictions that apply to the Controlled Property are:

- The Controlled Property may only be used for commercial and industrial use provided that the long-term Engineering and Institutional Controls included in the SMP are employed.

- The Controlled Property may not be used for a higher level of use, such as unrestricted, residential, or restricted residential use without additional remediation and amendment of the Environmental Deed Restriction, as approved by the NYSDEC.
- All future activities on the Controlled Property that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- The use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for intended use.
- Vegetable gardens and farming on the Controlled Property are prohibited.
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

4.3 IC/EC Certification

The Institutional Control/Engineering Control certification signed by a Qualified Environmental Professional (QEP) is included in Appendix A.

5.0 MONITORING PLAN COMPLIANCE REPORT

The SMP requires the following periodic monitoring program:

Monitoring Program	Monitoring Frequency	Matrix	Analysis
Groundwater Monitoring	Triennially	Groundwater	TCL VOCs
Vapor Intrusion Monitoring	Discontinued	Air	Discontinued
Site Wide Inspection/ Cover System and SSDS Monitoring	Quarterly	N/A	N/A

5.1 Groundwater Monitoring

As per the Monitoring Plan (see Section 3 of the SMP) monitoring wells MW-3, MW-4, MW-5, MW-8, MW-17 and MW-18S were to be sampled annually, in the 2nd or 3rd quarter of the year.

On October 27, 2016, PVE submitted a request to NYSDEC to discontinue groundwater monitoring at the subject site. On January 6, 2016, NYSDEC issued a letter to PVE supporting a reduction in groundwater monitoring locations and frequency. The Department was supportive of terminating groundwater monitoring at all existing monitoring wells except for well MW-4 in the core of the plume and down-gradient well MW-17. The Department was also supportive of a reduction in frequency to once every three years beginning from the most recent round of sampling (September 2014).

5.1.1 Periodic Groundwater Sample Collection

Monitoring Well MW-4 and MW-17 were sampled on September 8, 2020 (See Figure 2). Prior to sample collection, static water levels were measured. The well was purged using Unite States Environmental Protection Agency (USEPA) low flow purge techniques until physical water quality parameters had stabilized. Temperature, dissolved oxygen, oxidation reduction potential, pH, turbidity, and conductivity were monitored using a YSI ProDSS water quality meter (see Appendix B Groundwater Sampling Logs). A groundwater sample was collected using a peristaltic pump, retained on ice, and transported to a New York State Department of Health – Environmental Laboratory Approval Program (NYSDOH-ELAP) certified laboratory via courier for analysis of VOCs via USEPA Method 524.2.

A field blank was prepared in the field and analyzed for VOCs. One (1) trip blank was prepared at the laboratory and traveled with sample containers for analysis of VOCs upon receipt of all field samples. All samples were labeled, packed on ice, and delivered via laboratory courier.

5.1.2 Periodic Depth-to-Groundwater Monitoring

Depth-to-water measurements were collected on May 13, 2021 to the nearest hundredth of a foot from the top of each well casing and a groundwater contour map was prepared (Figure 3). In previous reports, depth-to-water elevations from MW-4 and MW-8 were omitted because the top-of-casing elevation for Monitoring Well MW-4 was altered after modifying the well completion and casing several years ago. Depth-to-groundwater elevations from Monitoring Well MW-8 are historically higher than surrounding wells which, when plotted, result in a contour map which is not representative of site conditions. The top-of-casing elevations for Monitoring Wells MW-4 and MW-8 were resurveyed in an attempt to rectify issues with plotting elevation data. Elevations were included in the revised contour map (Figure 3).

Depth-to-groundwater measurements and corresponding elevations indicate groundwater flows in a southwesterly direction and is consistent with previously collected depth-to-groundwater measurements. A groundwater contour map depicting groundwater depth and flow direction (Figure 3).

5.1.3 Periodic Groundwater Sample Results

One (1) VOC, TCE, was detected in both monitoring wells sampled in September 2020, one (1) of which at a concentration exceeding its respective NYSDEC groundwater quality standard (GQS) as defined in 6 NYCRR Part 700-705. This exceedance is summarized below.

- MW-4: PCE (16.0 µg/L).
- MW-17: No VOCs detected exceeding Class GA GQS.

Target compounds detected in groundwater from on-site monitoring wells are summarized in Table 1. Table 2 provides a comparison of sample results from previous years. Table 3 provides a comparison of PCE, Methyl-tert-Butyl Ether (MTBE), and Total VOCs in MW-4 since well installation. Copies of laboratory reports from the most recent sampling event are attached in Appendix C.

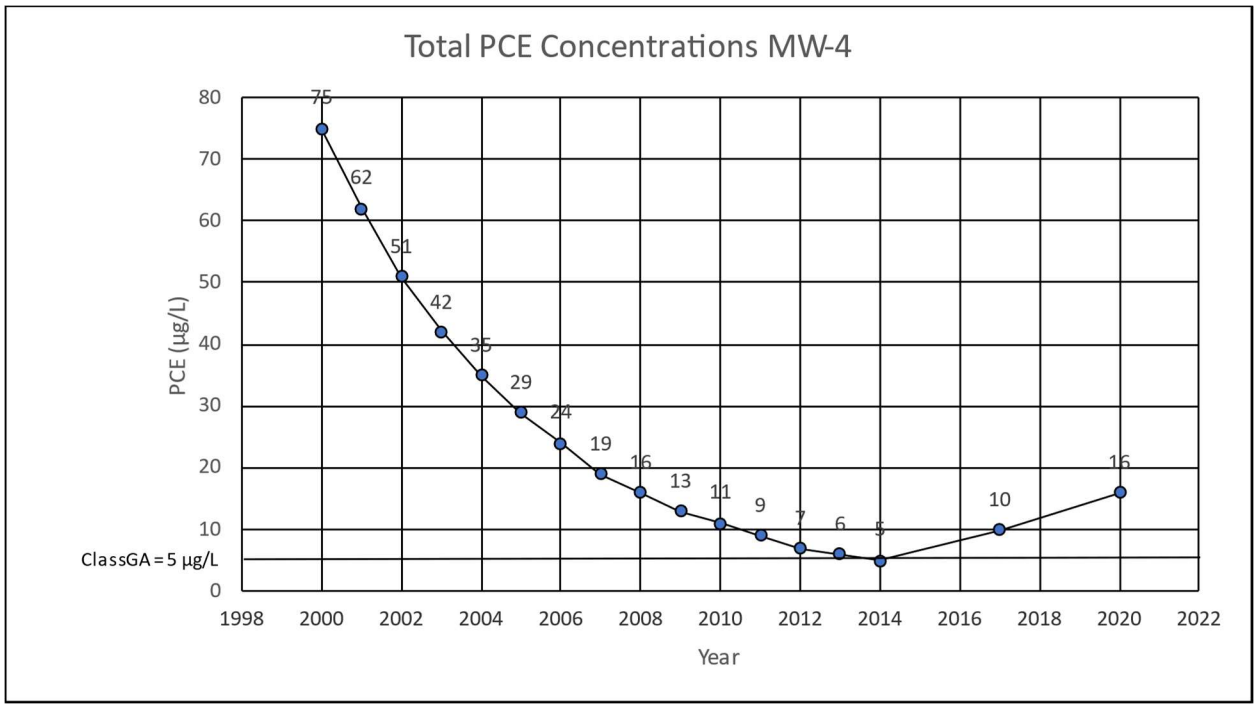
5.1.4 Groundwater - Long-Term Trend Analysis

The following table shows a set of groundwater cleanup objectives established in the SMP:

Year		***MW-18S PCE (ug/l)***	***MW-18S Total VOCs (ug/l)***	***MW-4 PCE (ug/l)***	***MW-5 Total VOCs (ug/l)***
1	2000	326	311	75	142
2	2001	242	287	62	139
3	2002	179	264	51	135
4	2003	133	244	42	132
5	2004	99	225	35	129

6	2005	73	207	29	126
7	2006	54	191	24	122
8	2007	40	176	19	119
9	2008	30	163	16	116
Year		***MW-18S PCE (ug/l)***	***MW-18S Total VOCs (ug/l)***	***MW-4 PCE (ug/l)***	***MW-5 Total VOCs (ug/l)***
10	2009	22	150	13	113
11	2010	16	138	11	110
12	2011	12	128	9	108
13	2012	9	118	7	105
14	2013	7	108	6	103
15	2014	5	100	5	100
16	2017	DISCONTINUED	DISCONTINUED	10	DISCONTINUED
17	2020	DISCONTINUED	DISCONTINUED	16	DISCONTINUED

A comparison of actual sample results in MW-4 to these groundwater standards is summarized in Graph 1 below:



Graph 1: PCE Results for MW-4 by sampling event; 2001 – 2020.

5.2 Sub-Slab Vapor and Indoor Air Quality Monitoring

In accordance with the Monitoring Plan (Section 3 of the SMP), the SSDSs were inspected quarterly to ensure they were functioning properly, and indoor air samples were collected annually from the Sheriff's Substation and Highway Superintendent's office up to 2017 (see Figure 2).

5.2.1 Quarterly SSDS inspections

PVE conducted inspections of the SSDS in accordance with the NYSDEC-approved SMP in August 2018, November 2018, January 2019, June 2019, August 2019, November 2019, January 2020, June 2020, September 2020, November 2020, January 2021 and April 2021. Inspections consisted of visually analyzing the piping system for structural integrity, verification of fan functionality, and collecting readings from the U-tube manometers and recording them in a vapor mitigation operation and maintenance inspection form (see Appendix D).

During inspections, readings from the SSDS manometers indicated that the systems were working properly. Readings of SSDS manometers during this latest reporting period are summarized below:

Date	Sampling Location				
	Sherriff's Substation	Block Garage (North)	Block Garage (South)	Pole Barn (East)	Pole Barn (West)
07-17-18	-1.50"	-0.9"	-1.25"	-1.0"	-1.75"
11-05-18	-1.25"	-0.8"	-1.0"	-1.0"	-1.75"
01-16-19	-1.25"	-0.8"	-1.10"	-1.10"	-1.75"
06-06-19	-1.35"	-0.9"	-1.0"	-1.0"	-1.35"
08-08-19	-1.55"	-0.9"	-1.25"	-1.0"	-1.30"
11-05-19/11-06-19	-1.40"	-0.8"	-1.10"	-1.0"	-1.20"
01-14-20	-1.25"	-0.8"	-0.9"	-1.0"	-1.25"
06-09-20	-1.45"	-0.95" *	-0.9"	-1.0"	-1.15"
09-08-20/09-22-20	-1.50"	-0.9"	-1.0"	-1.0"	-1.0"

11-20-20	-1.50”	-0.9”	-1.0”	-1.0”	-1.0”
01-22-2021	-1.35”	-0.9”	-1.0”	-1.0”	-1.0”
04-13-2021	-1.45”	-0.9”	-1.0”	-1.0”	-1.0”

Notes:
Readings measured in inches of water column;
* Fan replaced on 7/27/2020

A table displaying historic manometer readings collected from January 2009 to present is included as Table 4.

The NYSDOH reviewed the 2017 Vapor Intrusion Sampling Results dated April 10, 2017. Based on the review of all indoor air sampling results, in conjunction with the groundwater sampling results and given the remedial actions conducted at the Site, the NYSDOH determined the annual indoor air sampling is no longer necessary as of July 5, 2017. It was recommended that the SSDS installed on the buildings continue to operate and manometer readings be submitted to the State on an annual basis.

5.2.2 Site-Wide Inspection/Cover System Monitoring

The SMP requires a Site-wide inspection to be performed on a regular schedule at a minimum of once a quarter. Site-wide inspections are also required after all severe weather conditions that may affect Engineering Controls or monitoring devices. The purpose of the Site-wide inspection is to assess the following:

- Compliance with all ICs, including Site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling; and
- Confirm that site records are up to date.

Quarterly inspections were completed in August 2018, November 2018, January 2019, June 2019, August 2019, November 2019, January 2020, June 2020, September 2020, November 2020, January 2021 and April 2021, during which site conditions were deemed to satisfy the standards listed above.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Groundwater Monitoring

Based upon the results from groundwater samples collected in 2020, we offer the following conclusions:

1. The concentration of PCE in Monitoring Well MW-4 (16 µg/L) exceed Class GA GQS. PCE decreased from 17 µg/L in the 2017 monitoring event to 16 µg/L in the 2020 monitoring event.
2. The concentration of PCE in Monitoring Well MW-17 (1.1 µg/L) does not exceed Class GA GQS. PCE increased from 0.52 µg/L in the 2017 monitoring event to 1.1 µg/L in the 2020 monitoring event.

The groundwater sample results indicate that solvent concentrations are in exceedance of groundwater cleanup objectives established in the SMP. However, overall impacts are generally minimal, and based upon long-term analytical data, groundwater attenuation has successfully reduced groundwater contaminant concentration levels at the site.

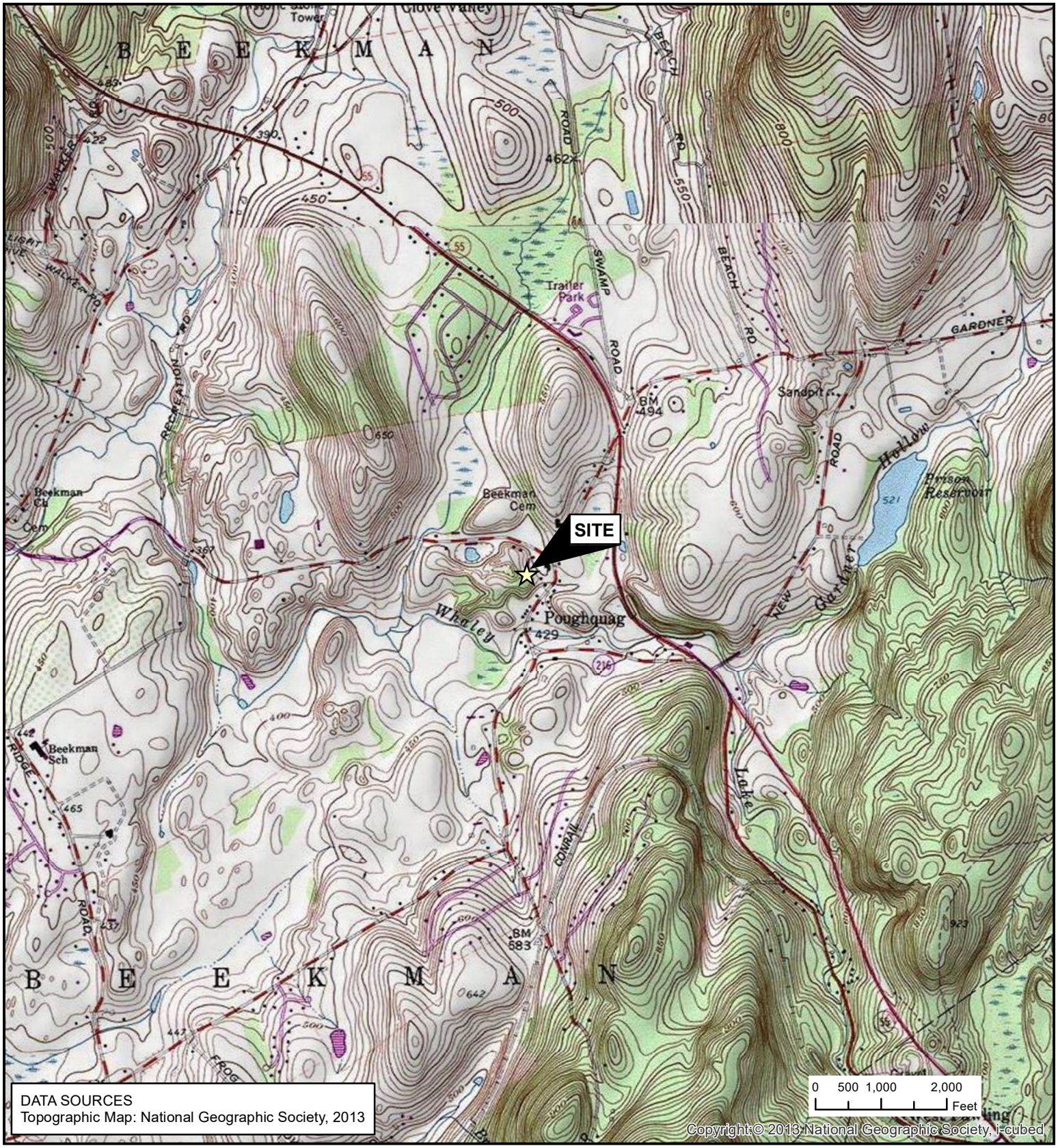
6.2 Sub-Slab Vapor and Indoor Air Quality Monitoring

The NYSDOH reviewed the 2017 Vapor Intrusion Sampling Results dated April 10, 2017. Based on the review of all indoor air sampling results, in conjunction with the groundwater sampling results and given the remedial actions conducted at the Site, the NYSDOH determined the annual indoor air sampling is no longer necessary as of July 5, 2017. It was recommended that the sub-slab depressurization systems installed on the buildings continue to operate and manometer readings be submitted to the State on an annual basis.

6.3 Overall Recommendations

No modifications to the SMP are proposed at this time. All requirements of the SMP will be continued to be followed.

FIGURES



SITE LOCATION MAP

BEEKMAN HIGHWAY GARAGE

TOWN OF BEEKMAN, DUTCHESS COUNTY, NEW YORK

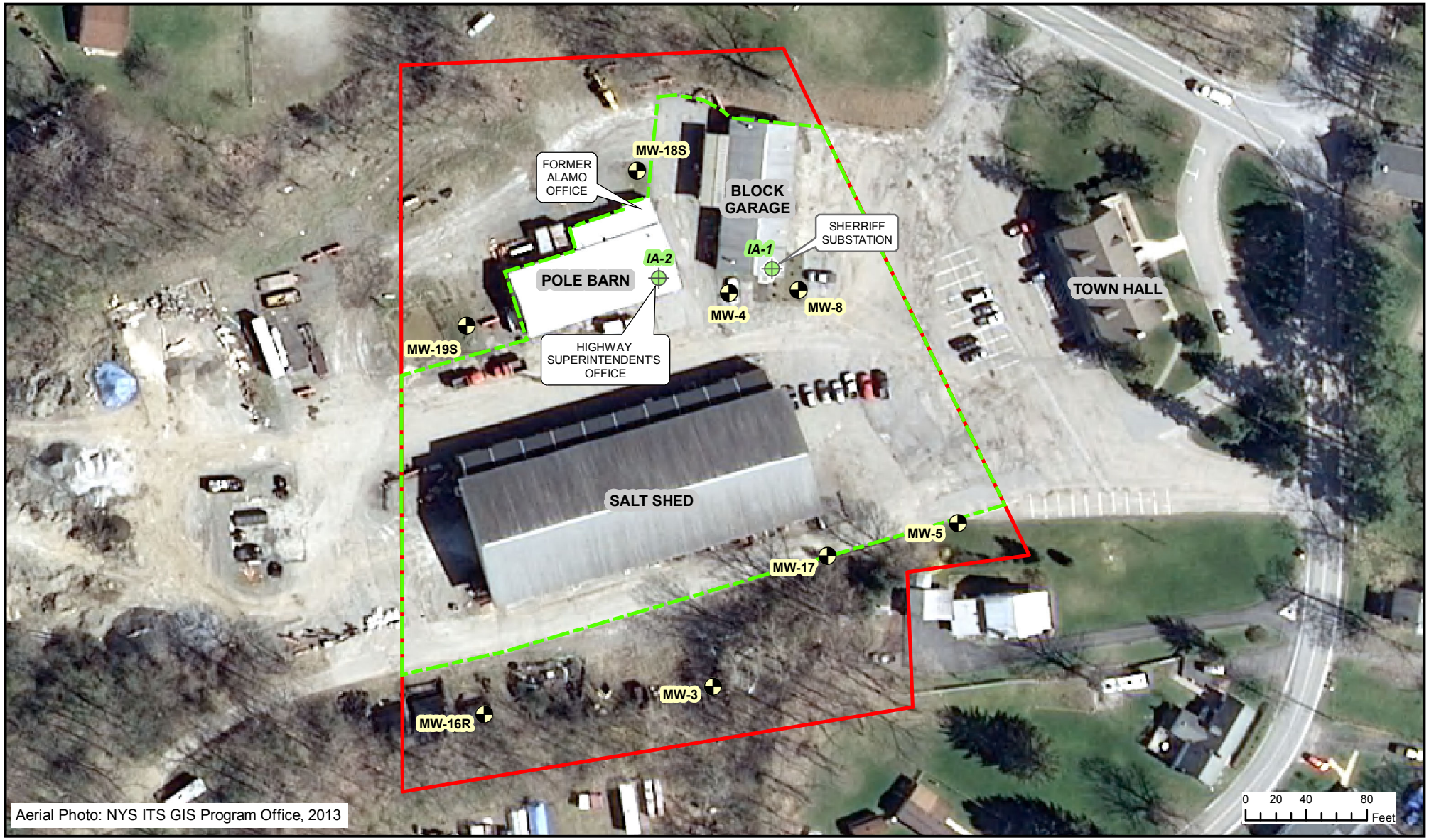
PVE

48 Springside Avenue
Poughkeepsie, New York 12603
Phone: (845) 454-2544
Fax: (845) 454-2655

FIGURE 1

DATE:	2/16/2017
SCALE:	As Indicated
PROJECT NUMBER:	560581

ALL LOCATIONS APPROXIMATE



Legend

- Monitoring Well Location
- Indoor Air Sample Location
- Composite Site Wide Cover
- Deed Restriction Boundary

1 inch = 90 feet

SELECTED SITE FEATURES AND SAMPLE LOCATIONS

BEEKMAN HIGHWAY GARAGE
TOWN OF BEEKMAN, DUTCHESS COUNTY, NEW YORK

48 Springside Aveneue
Poughkeepsie, New York 12603
Phone: (845) 454-2544
Fax: (845) 454-2655

FIGURE 2

DATE:	8/21/2018
SCALE:	As Indicated
PROJECT NUMBER:	560581

ALL LOCATIONS APPROXIMATE

PVE
48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

GROUNDWATER CONTOUR MAP

BEEKMAN HIGHWAY GARAGE
TOWN OF BEEKMAN, DUTCHESS COUNTY, NEW YORK

LEGEND
- GW MONITORING WELL
- GROUNDWATER CONTOUR
- TAX PARCEL OUTLINE

PROJECT NO. 560581

FIGURE 3

DATE: 05/13/2021

SCALE: AS INDICATED

PROJECTION: NAD83 STATE PLANE NY EAST

ALL LOCATIONS APPROXIMATE

TABLES

Table 1. **Volatile Organic Compounds (VOCs) in On-Site Monitoring Well Groundwater Samples;** USEPA Method 524.2; collected **September 8, 2020**, Beekman Highway Garage, Town of Beekman, New York
PVE File #560581

			Date Sampled		9/8/2020			9/8/2020			9/8/2020		
			Location		FB-1			MW-4			MW-17		
			Sample ID		FB-1 20200908			MW-4 20200908			MW-17 20200908		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
E524.2	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1,1-Trichloroethane (TCA)	71-55-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1,2-Trichloroethane	79-00-5	1	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1-Dichloroethane	75-34-3	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1-Dichloroethene	75-35-4	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,1-Dichloropropene	563-58-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND< 2	ug/l	U	ND< 2	ug/l	U	ND< 2	ug/l	U
E524.2	1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2,4-Trimethylbenzene	95-63-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2-Dichlorobenzene	95-50-1	3	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2-Dichloroethane	107-06-2	0.6	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,2-Dichloropropane	78-87-5	1	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,3-Dichlorobenzene	541-73-1	3	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,3-Dichloropropane	142-28-9	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	1,4-Dichlorobenzene	106-46-7	3	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	2,2-Dichloropropane	594-20-7	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	2-Chlorotoluene	95-49-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	4-Chlorotoluene	106-43-4	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Benzene	71-43-2	1	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Bromobenzene	108-86-1	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Bromochloromethane	74-97-5	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Bromodichloromethane	75-27-4	50	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Bromoform	75-25-2	50	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Bromomethane	74-83-9	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Carbon Tetrachloride	56-23-5	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Chlorobenzene	108-90-7	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Chloroethane	75-00-3	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Chloroform	67-66-3	7	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Chloromethane	74-87-3	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Cis-1,2-Dichloroethylene	156-59-2	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Dibromochloromethane	124-48-1	50	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Dibromomethane	74-95-3	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Dichlorodifluoromethane	75-71-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Ethylbenzene	100-41-4	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Hexachlorobutadiene	87-68-3	0.5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Isopropylbenzene (Cumene)	98-82-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Methylene Chloride	75-09-2	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	M-P-Xylene	136777-61-2	5	ug/l	ND< 1	ug/l	U	ND< 1	ug/l	U	ND< 1	ug/l	U
E524.2	Naphthalene	91-20-3	10	ug/l	ND< 2	ug/l	U	ND< 2	ug/l	U	ND< 2	ug/l	U
E524.2	N-Butylbenzene	104-51-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	N-Propylbenzene	103-65-1	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	P-Cymene (P-Isopropyltoluene)	CYMP			ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Sec-Butylbenzene	135-98-8	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Styrene	100-42-5	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	T-Butylbenzene	98-06-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Tetrachloroethylene (PCE)	127-18-4	5	ug/l	ND< 0.5	ug/l	U	**16**	**ug/l**		1.1	ug/l	
E524.2	Toluene	108-88-3	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Trans-1,2-Dichloroethene	156-60-5	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Trichloroethylene (TCE)	79-01-6	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Trichlorofluoromethane	75-69-4	5	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Vinyl Chloride	75-01-4	2	ug/l	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U	ND< 0.5	ug/l	U
E524.2	Xylenes, Total	XYLENES	5	ug/l	ND< 1.5	ug/l	U	ND< 1.5	ug/l	U	ND< 1.5	ug/l	U

Notes:
Standards are for Class GA groundwater according 6NYCRR Part 700-705;
Red Shading designates those compounds detected at concentrations exceeding NYSDEC GWQ standards;
ND and U = Not detected at MDL for sample.

Table 2. **Groundwater Results Compared to Target Concentrations - Perchloroethylene (PCE) and Total Volatile Organic Compounds (VOCs);** USEPA Method 524.2; collected **Periodically 2001 – 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Monitoring Well	Constituent	2001 Target Concentration	2001 Sampling Results	2003 Target Concentration	2003 Sampling Results	2004 Target Concentration	2004 Sampling Results
MW-4	PCE	62	**79.6**	42	**231**	35	**94.7**
MW-5	Total VOCs	139	20.27	132	3.9	129	0.8
MW-18S	PCE	242	130	133	56	99	**102**
MW-18S	Total VOCs	287	133.48	244	81.6	225	118.1

Notes:
All concentrations are in ug/L unless otherwise indicated;
Boldface type designates those compounds detected at concentrations exceeding target concentrations.

Table 2 cont'd. **Groundwater Results Compared to Target Concentrations - Perchloroethylene (PCE) and Total Volatile Organic Compounds (VOCs);** USEPA Method 524.2; collected **Periodically 2001 – 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Monitoring Well	Constituent	2005 Target Concentration	2005 Sampling Results	2006 Target Concentration	2006 Sampling Results	2008 Target Concentration	2008 Sampling Results
MW-4	PCE	29	**49.3**	24	**97.8**	16	**82.1**
MW-5	Total VOCs	126	0.8	122	1.3	116	ND
MW-18S	PCE	73	51.5	54	51.3	30	**42.5**
MW-18S	Total VOCs	207	53.5	191	52.8	163	43.9

Notes:
All concentrations are in ug/L unless otherwise indicated;
Boldface type designates those compounds detected at concentrations exceeding target concentrations.

Table 2 cont'd. **Groundwater Results Compared to Target Concentrations - Perchloroethylene (PCE) and Total Volatile Organic Compounds (VOCs);** USEPA Method 524.2; collected **Periodically 2001 – 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Monitoring Well	Constituent	2009 Target Concentration	2009 Sampling Results	2010 Target Concentration	2010 Sampling Results	2011 Target Concentration	2011 Sampling Results
MW-4	PCE	13	**49.3**	11	**21.4**	9	**54.0**
MW-5	Total VOCs	113	5.9	110	0.8	108	1.2
MW-18S	PCE	22	**23.0**	16	**17.1**	12	**12.8**
MW-18S	Total VOCs	150	25.6	138	17.9	128	13.3

Notes:
All concentrations are in ug/L unless otherwise indicated;
Boldface type designates those compounds detected at concentrations exceeding target concentrations.

Table 2 cont'd. **Groundwater Results Compared to Target Concentrations - Perchloroethylene (PCE) and Total Volatile Organic Compounds (VOCs);** USEPA Method 524.2; collected **Periodically 2001 – 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Monitoring Well	Constituent	2012 Target Concentration	2012 Sampling Results	2013 Target Concentration	2013 Sampling Results	2014 Target Concentration	2014 Sampling Results
MW-4	PCE	7	**9.8**	6	**15**	5	**17**
MW-5	Total VOCs	105	1.1	103	0.64	100	0.87
MW-18S	PCE	9	**12.9**	7	**11**	5	**11**
MW-18S	Total VOCs	118	13.6	108	11	100	11.57

Notes:
All concentrations are in ug/L unless otherwise indicated;
Boldface type designates those compounds detected at concentrations exceeding target concentrations.

Table 2 cont'd. **Groundwater Results Compared to Target Concentrations - Perchloroethylene (PCE) and Total Volatile Organic Compounds (VOCs);** USEPA Method 524.2; collected **Periodically 2001 – 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Monitoring Well	Constituent	2017 Target Concentration	2017 Sampling Results	2020 Target Concentration	2020 Sampling Results		
MW-4	PCE	4	**11**	4	**16**		
MW-5	Total VOCs	N/A	N/A	N/A	N/A		
MW-18S	PCE	N/A	N/A	N/A	N/A		
MW-18S	Total VOCs	N/A	N/A	N/A	N/A		

Notes:
All concentrations are in ug/L unless otherwise indicated;
Boldface type designates those compounds detected at concentrations exceeding target concentrations.

Table 3. **Volatile Organic Compounds (VOCs) in On-Site Monitoring Well MW-4 Groundwater Samples;** USEPA Method 8260 and 524.2; collected **October 1997 through September 2020;** Beekman Highway Garage, Town of Beekman, New York; PVE File #560581

Sample Identification	Sample Dates	Chemical Constituent		
		Tetrachloroethylene	Methyl-tert-Butyl Ether	Total VOCs
Volatile Organic Compounds				
NYSDEC Class GA	-	5	10	NA
MW-4	10/6-8/97	**91**	NA	93
	11/28/00	**98**	NA	102.7
	10/24/01	**79.6**	NA	79.6
	11/7/02	**140**	NA	140
	3/27/03	**231.3**	**17.0**	248.3
	6/17/03	**286**	**86**	305.5
	9/11/03	**143**	3.0	147.3
	12/18/03	**251**	2.8	256.1
	3/11/04	**141**	5.3	147.6
	6/28/04	**94.7**	3.5	98.7
	9/16/04	**65.2**	3.1	68.3
	12/8/04	**101**	**17.30**	119
	3/14/05	**113**	ND<2.0	114
	6/02/05	**75.10**	7.60	**83.3**
	9/19/05	**49.3**	ND<2.0	49.3
	12/12/05	**171**	6.1	195.6
	3/23/06	**69.4**	ND<2.0	74.9
	6/27/06	**68.1**	ND<2.0	71.2
	9/27/06	**51.8**	2.4	54.2

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705; Class GA Groundwater Standards
All concentrations are in ug/L unless otherwise indicated;
NA = Not Applicable;
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard

Table 3 (cont.) **Volatile Organic Compounds (VOCs) in On-Site Monitoring Well MW-4 Groundwater Samples;**
USEPA Method 8260 and 524.2; collected **October 1997 through September 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Sample Identification	Sample Dates	Chemical Constituent		
		Tetrachloroethene	Methyl-tert-Butyl Ether	Total VOCs
Volatile Organic Compounds				
NYSDEC Class GA	-	5	10	NA
MW-4	11/20/06	**97.8**	**51.6**	150.5
	3/20/07	**24.0**	3.5	27.5
	6/07/07	**93.7**	ND<2.0	94.6
	9/6/07	**65.8**	ND<2.0	65.8
	11/28/07	**35.5**	ND<2.0	35.5
	2/14/08	**82.1**	**20.40**	82.1
	5/7/09	**79.7**	ND<2.0	80.5
	8/12/08	**38.7**	ND<2.0	38.7
	11/12/08	**53.4**	2.5	55.9
	2/17/09	**71.4**	ND<2.0	72.2
	4/23/09	**49.3**	ND<4	52.5
	7/27/09	**75.5**	ND<10	75.5
	10/14/09	**37.4**	ND<2.0	44.9
	2/13/10	**42.8**	ND<2.0	42.8
	5/4/10	**51.6**	ND<2.0	52.2
	9/16/10	**21.4**	ND<2.0	21.4
	7/14/11	**54.0**	ND<0.5	54.5
	6/13/12	**9.8**	ND<0.5	10.3
	8/21/13	**15**	ND<0.5	15
	9/4/14	**17**	ND<0.5	17

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705; Class GA Groundwater Standards
All concentrations are in ug/L unless otherwise indicated;
NA = Not Applicable;
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard

Table 3 (cont.) **Volatile Organic Compounds (VOCs) in On-Site Monitoring Well MW-4 Groundwater Samples;**
USEPA Method 8260 and 524.2; collected **October 1997 through September 2020;**
Beekman Highway Garage, Town of Beekman, New York;
PVE File #560581

Sample Identification	Sample Dates	Chemical Constituent		
		Tetrachloroethene	Methyl-tert-Butyl Ether	Total VOCs
Volatile Organic Compounds				
NYSDEC Class GA	-	5	10	NA
MW-4	9/2217	**11**	ND<0.5	11
	10/13/17	**10**	ND<0.5	10
	9/08/20	**16**	ND<0.5	16

Notes:
1 - Standards are for groundwater according to 6NYCRR Part 700-705; Class GA Groundwater Standards
All concentrations are in ug/L unless otherwise indicated;
NA = Not Applicable;
Boldface type designates those compounds detected at concentrations exceeding NYSDEC standard

Table 4. **Differential Pressure Readings (U-Tube Manometer) from Sub-Slab Depressurization Systems**; collected January 2009 to April 2021; Town of Beekman Highway Garage, Town of Beekman New York, PVE File #560581

Date	Sampling Location				
	Sherriff's Substation	Block Garage (North)	Block Garage (South)	Pole Barn (East)	Pole Barn (West)
01-12-09	-1.75"	-2.0"	-1.7"	-0.75"	-1.0"
02-17-09	-1.75"	-2.25"	-1.5"	-0.75"	-1.0"
03-20-09	-1.75"	-1.50"	-2.75"	-1.25"	-0.75"
05-12-09	-1.75"	-2.75"	-1.5"	NS	NS
07-27-09	-1.75"	-3.0"	-1.5"	-0.75"	-1.5"
10-14-09	-1.5"	-3.0"	-1.25"	-0.5"	-0.75"
02-23-10	-1.75"	-3.0"	-1.5"	-0.75"	-1.25"
05-05-10	-0.75"	-3.0"	-1.50"	-0.75"	-1.25"
09-16-10	-1.75"	-3.0"	-1.25-1.5"	-0.75"	-1.25"
12-21-10	-2.0"	-3.0"	-1.5"	-0.75"	-1.25"
01-13-11	-2.0"	-3.0"	-1.25"	-0.75"	-1.25"
06-02-11*	-1.75	-1.6"	-1.5"	-0.75"	-1.0"
08-04-11	-1.75"	-1.5"	-1.5"	-0.75"	-1.0"
12-22-11	-1.5"	-0.3"	-1.0"	-0.75"	-1.2"
01-11-12	-1.6"	-0.2"	-1.0"	-0.75"	-1.0"
06-14-12	-1.5"	-0.3"	-1.0"	-0.75"	-1.0"
09-12-12	-1.5"	Offline	-1.0"	-0.75"	-1.0"
12-5-12	-1.5"	Offline	-1.0"	-0.6"	-1.0"
03-13-13	-1.5"	Offline	-1.0"	-0.75"	-1.0"
04-09-13	-1.75"	-1.6"	-0.5"	-0.75"	-1.0"
05-30-13	-1.6"	1.7"	-1.4"	-0.75"	-1.0"

08-21-13	-1.75”	1.6”	1.6”	-0.75”	-0.8”
12-02-13	-1.75”	-1.7”	-1.5”	-0.75”	-1.75”
01-29-14	-1.5”	-1.7”	-1.5”	-0.75”	-1.0”
5-20-14	-1.6"	-1.7"	-1.25"	-0.75"	NS
9-4-14	-1.75"	-1.7"	-1.5"	-0.75"	-1.25"
10-29-14	-1.5"	-1.6"	-1.25"	-0.75"	-1.25"
02-23-15	-1.5"	-1.75"	-1.4"	-0.75"	-1.125"
05-18-15	-1.5”	-1.7”	-1.35”	-0.75”	-1.25”
09-01-15	-1.675”	-1.675”	-1.375”	-0.675”	-1.125”
10-21-15	-1.5”	-1.5”	-1.25”	-0.675	-1.15”
02-09-16	-1.5”	-1.52”	-1.25”	Offline	-1.0”
04-19-16	-1.5”**	-1.5”	-1.3”	-1.0”**	-1.0”
09-14-16	-1.75”	-1.5”	-1.25”	-1.0”	-1.0”
11-16-16	-1.5”	-1.5”	-1.25”	-1.0”	-1.0”
02-16-17	-1.75”	-1.45”	-1.50”	-1.0”	-2.0”
04-11-17	-1.675”	-1.45”	-1.25”	-1.125”	-2.0”
09-21-17	-1.5”	-1.5”	-1.25”	-1.0”	-2.0”
12-12-17	-1.45”	-1.20”	-1.0”	-1.0”	-1.75”
02-07-18	-1.25”	-0.9”	-1.0”	-1.15”	-1.75”
04-26-18	-1.25”	-0.9”	-1.0”	-1.15”	-1.75”
07-17-18	-1.50”	-0.9”	-1.25”	-1.0”	-1.75”
11-05-18	-1.25”	-0.8”	-1.0”	-1.0”	-1.75”
01-16-19	-1.25”	-0.8”	-1.10”	-1.10”	-1.75”
06-06-19	-1.35”	-0.9”	-1.0”	-1.0”	-1.35”
08-08-19	-1.55”	-0.9”	-1.25”	-1.0”	-1.30”
11-05-19/11-06-19	-1.40”	-0.8”	-1.10”	-1.0”	-1.20”

01-14-20	-1.25”	-0.8”	-0.9”	-1.0”	-1.25”
06-09-20	-1.45”	-0.95” ***	-0.9”	-1.0”	-1.15”
09-08-20/09-22-20	-1.50”	-0.9”	-1.0”	-1.0”	-1.0”
11-20-20	-1.50”	-0.9”	-1.0”	-1.0”	-1.0”
01-22-2021	-1.35”	-0.9”	-1.0”	-1.0”	-1.0”
04-13-2021	-1.45”	-0.9”	-1.0”	-1.0”	-1.0”

Notes:
Readings measured in inches of water column;
NS = Not Sampled;
* New U-tube manometer installed at North Block Garage with 1/10” tick marks
** Fan replaced on 4/19/2016
*** Fan replaced on 7/27/2020

APPENDIX A

CERTIFICATION OF INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 314094

Site Name Beekman Town Garage

Site Address: Beekman Poughquag Road Zip Code: 12570
City/Town: Beekman
County: Dutchess
Site Acreage: 3.447

Reporting Period: June 06, 2018 to June 06, 2021

	YES	NO
1. Is the information above correct?	YES	
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		NO
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		NO
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		NO
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		NO

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	YES	
7. Are all ICs in place and functioning as designed?	YES	

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 314094

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
p/o 6758-02-807742	Town of Beekman	Monitoring Plan Site Management Plan O&M Plan IC/EC Plan Ground Water Use Restriction Landuse Restriction

1. Compliance with the Deed Restriction by the Grantor and the Grantor's successors and assigns with all elements of the Site Management Plan (SMP)
2. All Engineering Controls must be operated and maintained as specified in the SMP
3. All Engineeiring Controls on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the SMP.
4. Groundwater and soil vapor monitoring must be performed as defined in the SMP
5. Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP.
6. On-site environmental monitoring devices, including groundwater monitoring wells and sub-slab depressurization systems, must be protected and replaced as necessary to ensure the devices function in the manner specified in the SMP

Box 4

Description of Engineering Controls

Parcel	Engineering Control
p/o 6758-02-807742	Vapor Mitigation Cover System

1. A cover system consiting of asphalt pavement is in place covering the area of excavated soil.
2. Sub-slab depressurizaiton systems are in place in the Sheriff's Substations, Block Garage, and Pole Barn
3. Natural attenuation of groundwater contaminants

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 314094

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I CHRISTOPHER B. BROWN (print name) at PVE ENGINEERING, 48 SPRINGSIDE AVE. POUGHKEEPSIE, N.Y. 12603 (print business address).

am certifying as DESIGNATED REPRESENTATIVE (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

07-15-2021
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I CHRISTOPHER B. BROWN at PVE ENGINEERING 48 SPRINGSIDE AVE POUGHKEEPSIE, N.Y. 12603

print name — print business address

am certifying as a Qualified Environmental Professional for the TOWN OF BEEKMAN

(Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

07-15-2021

Date

APPENDIX B

GROUNDWATER SAMPLING LOGS

Periodic Groundwater Monitoring - Purge Log
Beekman Highway Garage, Beekman, New York
PVE# 560581
Date: 9/8/2020

Project Information:		**Pump Information:**	
Operator Name	Anthony Spadavecchia	Pump Model/Type	Peristaltic
Company Name	PVE Engineering	Tubing Type	Silicon & Poly
Project Name	560581	Tubing Diameter	0.25 [in]
Site Name	Beekman Highway Garage	Tubing Length	26 [ft]
		Pump placement from TOC	2 [ft]

Well Information:	
Well ID	MW-4
Well diameter	2 [in]
Well total depth	23 [ft]
Depth to top of screen	13 [ft]
Screen length	10 [ft]
Depth to Water	16.43 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings			+/-0.1 +/-10 %	+/-0.1 +/-10 %	+/-0.1 +/-10 %	+/-0.1 +/-10 %	+/-0.1 +/-10 %
Last 5 Readings	10:25:54 AM	17.2	7.35	1.5181	2.74	2.65	230.3
	10:28:54 AM	17.1	7.33	1.5294	4.58	2.59	228.4
	10:31:54 AM	17	7.32	1.5316	113.97	2.56	227.2
	10:34:54 AM	17.1	7.32	1.5184	132.32	2.5	225.6
	10:37:54 AM	17.1	7.32	1.5085	147.52	2.46	223.8
Variance in last 3 readings		0.58	0.14	0.14	2388.43	1.16	0.53
		0.59	0.00	0.86	16.10	2.34	0.70
		0.00	0.00	0.65	11.49	1.60	0.80

Notes: Purged water was clear throughout stablizing parameters. Elevated turbidity values may be due to bubbles in tubing during purge.

Periodic Groundwater Monitoring - Purge Log
Beekman Highway Garage, Beekman, New York
PVE# 560581
Date: 9/8/2020

Project Information:		**Pump Information:**	
Operator Name	Anthony Spadavecchia	Pump Model/Type	Peri Pump
Company Name	PVE Engineering	Tubing Type	Silicon & Poly
Project Name	560581	Tubing Diameter	0.25 [in]
Site Name	Beekman Highway Garage	Tubing Length	22 [ft]
		Pump placement from TOC	2 [ft]

Well Information:	
Well ID	MW-17
Well diameter	2 [in]
Well total depth	23 [ft]
Depth to top of screen	13 [ft]
Screen length	10 [ft]
Depth to Water	17.30 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp. Cond [mS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings			+/-0.1	+/-0.1	+/-0.1	+/-0.1	+/-0.1
			+/-10 %	+/-10 %	+/-10 %	+/-10 %	+/-10 %
	11:47:57 AM	14.3	7.28	2.6173	2.71	1.39	159.2
	11:50:57 AM	14.4	7.27	2.6219	2.85	1.37	160.2
Last 5 Readings	11:53:57 AM	14.4	7.27	2.6231	3.18	1.33	160.6
	11:56:57 AM	14.4	7.27	2.6205	3.5	1.41	160.9
	11:59:57 AM	14.4	7.27	2.6225	3.24	1.5	161.1
		0.00	0.00	0.05	11.58	2.92	0.25
Variance in last 3 readings		0.00	0.00	0.10	10.06	6.02	0.19
		0.00	0.00	0.08	7.43	6.38	0.12

APPENDIX C

LABORATORY REPORT FOR GROUNDWATER SAMPLES

Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Report Date: 09/15/2020
Client Project ID: 560581 - BEEKMAN HIGHWAY GARAGE
York Project (SDG) No.: 20I0344

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/15/2020
Client Project ID: 560581 - BEEKMAN HIGHWAY GARAGE
York Project (SDG) No.: 20I0344

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 09, 2020 and listed below. The project was identified as your project: **560581 - BEEKMAN HIGHWAY GARAGE**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20I0344-01	FB-1 20200908	Water	09/08/2020	09/09/2020
20I0344-02	MW-4 20200908	Water	09/08/2020	09/09/2020
20I0344-03	MW-17 20200908	Water	09/08/2020	09/09/2020
20I0344-04	TRIP BLANK	Water	09/08/2020	09/09/2020

General Notes for York Project (SDG) No.: 20I0344

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 09/15/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **FB-1 20200908** **York Sample ID:** **20I0344-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:10 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
108-86-1	Bromobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
75-25-2	Bromoform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
74-83-9	Bromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
75-00-3	Chloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
67-66-3	Chloroform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
74-87-3	Chloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
95-49-8	2-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
106-43-4	4-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
74-95-3	Dibromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 17:50	CLO

Sample Information

Client Sample ID: FB-1 20200908 **York Sample ID:** 20I0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:10 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
75-09-2	Methylene chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
91-20-3	Naphthalene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
100-42-5	Styrene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
108-88-3	Toluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO

Sample Information

Client Sample ID: FB-1 20200908 **York Sample ID:** 20I0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:10 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO
95-47-6	* o-Xylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 17:50	CLO
179601-23-1	* p- & m- Xylenes	ND		ug/L	1.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 17:50	CLO
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 17:50	CLO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.2 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*

Sample Information

Client Sample ID: MW-4 20200908 **York Sample ID:** 20I0344-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:40 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-4 20200908 **York Sample ID:** 20I0344-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:40 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
108-86-1	Bromobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
75-25-2	Bromoform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
74-83-9	Bromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
75-00-3	Chloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
67-66-3	Chloroform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
74-87-3	Chloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
95-49-8	2-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
106-43-4	4-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
74-95-3	Dibromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:24	CLO

Sample Information

Client Sample ID: MW-4 20200908 **York Sample ID:** 20I0344-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:40 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	2.0	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	**Tetrachloroethylene**	**16**		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.5	1	EPA 524.2	09/10/2020 09:30	09/10/2020 18:24	CLO
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-4 20200908 **York Sample ID:** 20I0344-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 10:40 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO
95-47-6	* o-Xylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 18:24	CLO
179601-23-1	* p- & m- Xylenes	ND		ug/L	1.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 18:24	CLO
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:24	CLO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.7 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*

Sample Information

Client Sample ID: MW-17 20200908 **York Sample ID:** 20I0344-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 pm	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-17 20200908 **York Sample ID:** 20I0344-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 pm	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
108-86-1	Bromobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
75-25-2	Bromoform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
74-83-9	Bromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
75-00-3	Chloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
67-66-3	Chloroform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
74-87-3	Chloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
95-49-8	2-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
106-43-4	4-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
74-95-3	Dibromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 18:58	CLO

Sample Information

Client Sample ID: MW-17 20200908 **York Sample ID:** 20I0344-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 pm	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
75-09-2	Methylene chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
91-20-3	Naphthalene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
100-42-5	Styrene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
127-18-4	**Tetrachloroethylene**	**1.1**		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
108-88-3	Toluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO

Sample Information

Client Sample ID: MW-17 20200908 **York Sample ID:** 20I0344-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 pm	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO
95-47-6	* o-Xylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 18:58	CLO
179601-23-1	* p- & m- Xylenes	ND		ug/L	1.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH	09/10/2020 18:58	CLO
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 18:58	CLO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*

Sample Information

Client Sample ID: TRIP BLANK **York Sample ID:** 20I0344-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 20I0344-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
108-86-1	Bromobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-25-2	Bromoform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
74-83-9	Bromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-00-3	Chloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
67-66-3	Chloroform	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
74-87-3	Chloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
95-49-8	2-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
106-43-4	4-Chlorotoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
74-95-3	Dibromomethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 20I0344-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
594-20-7	2,2-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
142-28-9	1,3-Dichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
75-09-2	Methylene chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
91-20-3	Naphthalene	ND		ug/L	2.0	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
100-42-5	Styrene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO
108-88-3	Toluene	ND		ug/L	0.5	1	EPA 524.2 Certifications:	09/10/2020 09:30 CTDOH,NELAC-NY10854,NJDEP	09/10/2020 19:32	CLO

Sample Information

Client Sample ID: TRIP BLANK **York Sample ID:** 20I0344-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20I0344	560581 - BEEKMAN HIGHWAY GARAGE	Water	September 8, 2020 12:00 am	09/09/2020

Volatile Organics, 524.2 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO
95-47-6	* o-Xylene	ND		ug/L	0.5	1	EPA 524.2 Certifications: CTDOH	09/10/2020 09:30	09/10/2020 19:32	CLO
179601-23-1	* p- & m- Xylenes	ND		ug/L	1.0	1	EPA 524.2 Certifications: CTDOH	09/10/2020 09:30	09/10/2020 19:32	CLO
1330-20-7	Xylenes, Total	ND		ug/L	1.5	1	EPA 524.2 Certifications: CTDOH,NELAC-NY10854,NJDEP	09/10/2020 09:30	09/10/2020 19:32	CLO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*69-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*79-122*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*81-117*

Analytical Batch Summary

Batch ID: BI00503 **Preparation Method:** EPA 5030B **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20I0344-01	FB-1 20200908	09/10/20
20I0344-02	MW-4 20200908	09/10/20
20I0344-03	MW-17 20200908	09/10/20
20I0344-04	TRIP BLANK	09/10/20
BI00503-BLK1	Blank	09/10/20
BI00503-BS1	LCS	09/10/20
BI00503-BSD1	LCS Dup	09/10/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI00503 - EPA 5030B											
Blank (BI00503-BLK1)									Prepared & Analyzed: 09/10/2020		
Benzene	ND	0.5	ug/L								
Bromobenzene	ND	0.5	"								
Bromochloromethane	ND	0.5	"								
Bromodichloromethane	ND	0.5	"								
Bromoform	ND	0.5	"								
Bromomethane	ND	0.5	"								
tert-Butylbenzene	ND	0.5	"								
n-Butylbenzene	ND	0.5	"								
sec-Butylbenzene	ND	0.5	"								
Carbon tetrachloride	ND	0.5	"								
Chlorobenzene	ND	0.5	"								
Chloroethane	ND	0.5	"								
Chloroform	ND	0.5	"								
Chloromethane	ND	0.5	"								
2-Chlorotoluene	ND	0.5	"								
4-Chlorotoluene	ND	0.5	"								
Dibromochloromethane	ND	0.5	"								
Dibromomethane	ND	0.5	"								
1,2-Dichlorobenzene	ND	0.5	"								
1,4-Dichlorobenzene	ND	0.5	"								
1,3-Dichlorobenzene	ND	0.5	"								
Dichlorodifluoromethane	ND	0.5	"								
1,2-Dichloroethane	ND	0.5	"								
1,1-Dichloroethane	ND	0.5	"								
trans-1,2-Dichloroethylene	ND	0.5	"								
cis-1,2-Dichloroethylene	ND	0.5	"								
1,1-Dichloroethylene	ND	0.5	"								
1,2-Dichloropropane	ND	0.5	"								
2,2-Dichloropropane	ND	0.5	"								
1,3-Dichloropropane	ND	0.5	"								
cis-1,3-Dichloropropylene	ND	0.5	"								
1,1-Dichloropropylene	ND	0.5	"								
trans-1,3-Dichloropropylene	ND	0.5	"								
Ethyl Benzene	ND	0.5	"								
Hexachlorobutadiene	ND	0.5	"								
Isopropylbenzene	ND	0.5	"								
p-Isopropyltoluene	ND	0.5	"								
Methyl tert-butyl ether (MTBE)	ND	0.5	"								
Methylene chloride	0.6	0.5	"								
Naphthalene	ND	2.0	"								
n-Propylbenzene	ND	0.5	"								
Styrene	ND	0.5	"								
1,1,1,2-Tetrachloroethane	ND	0.5	"								
1,1,2,2-Tetrachloroethane	ND	0.5	"								
Tetrachloroethylene	ND	0.5	"								
Toluene	ND	0.5	"								
1,2,4-Trichlorobenzene	ND	0.5	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,1,1-Trichloroethane	ND	0.5	"								
1,1,2-Trichloroethane	ND	0.5	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI00503 - EPA 5030B											
Blank (BI00503-BLK1)									Prepared & Analyzed: 09/10/2020		
Trichloroethylene	ND	0.5	ug/L								
Trichlorofluoromethane	ND	0.5	"								
1,2,3-Trichloropropane	ND	0.5	"								
1,3,5-Trimethylbenzene	ND	0.5	"								
1,2,4-Trimethylbenzene	ND	0.5	"								
Vinyl Chloride	ND	0.5	"								
o-Xylene	ND	0.5	"								
p- & m- Xylenes	ND	1.0	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.8*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11*		*"*	*10.0*		*109*	*79-122*				
Surrogate: SURR: Toluene-d8	*10*		*"*	*10.0*		*99.5*	*81-117*				
LCS (BI00503-BS1)									Prepared & Analyzed: 09/10/2020		
Benzene	9.5		ug/L	10.0		94.6	85-126				
Bromobenzene	10		"	10.0		100	78-129				
Bromochloromethane	9.7		"	10.0		97.1	77-128				
Bromodichloromethane	9.4		"	10.0		94.2	79-128				
Bromoform	9.2		"	10.0		92.0	78-133				
Bromomethane	11		"	10.0		110	43-168				
tert-Butylbenzene	10		"	10.0		102	77-138				
n-Butylbenzene	10		"	10.0		105	79-132				
sec-Butylbenzene	11		"	10.0		109	79-137				
Carbon tetrachloride	9.5		"	10.0		95.0	77-141				
Chlorobenzene	9.4		"	10.0		93.7	88-120				
Chloroethane	10		"	10.0		102	65-136				
Chloroform	9.3		"	10.0		93.1	82-128				
Chloromethane	11		"	10.0		111	43-155				
2-Chlorotoluene	10		"	10.0		101	79-130				
4-Chlorotoluene	10		"	10.0		100	79-128				
Dibromochloromethane	9.4		"	10.0		94.1	80-130				
Dibromomethane	9.1		"	10.0		91.3	72-134				
1,2-Dichlorobenzene	9.8		"	10.0		97.5	79-123				
1,4-Dichlorobenzene	9.8		"	10.0		98.5	84-124				
1,3-Dichlorobenzene	9.8		"	10.0		97.7	86-122				
Dichlorodifluoromethane	11		"	10.0		107	44-144				
1,2-Dichloroethane	8.9		"	10.0		89.2	73-132				
1,1-Dichloroethane	9.1		"	10.0		91.3	82-129				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.4	80-132				
cis-1,2-Dichloroethylene	9.7		"	10.0		96.9	83-129				
1,1-Dichloroethylene	9.4		"	10.0		94.4	68-138				
1,2-Dichloropropane	9.3		"	10.0		93.0	78-126				
2,2-Dichloropropane	10		"	10.0		101	56-150				
1,3-Dichloropropane	9.4		"	10.0		93.5	81-125				
cis-1,3-Dichloropropylene	9.5		"	10.0		95.2	79-131				
1,1-Dichloropropylene	9.6		"	10.0		95.7	83-133				
trans-1,3-Dichloropropylene	9.0		"	10.0		90.3	78-131				
Ethyl Benzene	9.5		"	10.0		95.3	80-131				
Hexachlorobutadiene	11		"	10.0		111	67-146				
Isopropylbenzene	9.9		"	10.0		98.9	76-140				
p-Isopropyltoluene	11		"	10.0		108	81-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI00503 - EPA 5030B											
LCS (BI00503-BS1)							Prepared & Analyzed: 09/10/2020				
Methyl tert-butyl ether (MTBE)	8.8		ug/L	10.0		88.2	76-135				
Methylene chloride	11		"	10.0		112	55-137				
Naphthalene	10		"	10.0		103	70-147				
n-Propylbenzene	10		"	10.0		101	78-133				
Styrene	9.4		"	10.0		94.1	67-132				
1,1,1,2-Tetrachloroethane	9.1		"	10.0		91.4	82-126				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129				
Tetrachloroethylene	9.3		"	10.0		93.0	82-131				
Toluene	9.4		"	10.0		93.9	79-127				
1,2,4-Trichlorobenzene	10		"	10.0		104	76-137				
1,2,3-Trichlorobenzene	10		"	10.0		102	76-136				
1,1,1-Trichloroethane	9.5		"	10.0		94.8	78-136				
1,1,2-Trichloroethane	9.1		"	10.0		91.4	82-123				
Trichloroethylene	9.8		"	10.0		97.9	82-128				
Trichlorofluoromethane	10		"	10.0		104	67-139				
1,2,3-Trichloropropane	9.4		"	10.0		93.8	77-128				
1,3,5-Trimethylbenzene	11		"	10.0		106	80-131				
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132				
Vinyl Chloride	11		"	10.0		108	58-145				
o-Xylene	9.2		"	10.0		92.0	78-130				
p- & m- Xylenes	18		"	20.0		92.2	77-133				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.6*		*"*	*10.0*		*96.1*	*69-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11*		*"*	*10.0*		*105*	*79-122*				
Surrogate: SURR: Toluene-d8	*10*		*"*	*10.0*		*99.9*	*81-117*				
LCS Dup (BI00503-BSD1)							Prepared & Analyzed: 09/10/2020				
Benzene	9.6		ug/L	10.0		95.8	85-126		1.26	30	
Bromobenzene	9.8		"	10.0		98.2	78-129		2.02	30	
Bromochloromethane	9.5		"	10.0		95.3	77-128		1.87	30	
Bromodichloromethane	9.6		"	10.0		96.2	79-128		2.10	30	
Bromoform	9.1		"	10.0		91.1	78-133		0.983	30	
Bromomethane	11		"	10.0		109	43-168		1.01	30	
tert-Butylbenzene	10		"	10.0		99.6	77-138		2.09	30	
n-Butylbenzene	9.8		"	10.0		98.5	79-132		6.10	30	
sec-Butylbenzene	11		"	10.0		106	79-137		2.60	30	
Carbon tetrachloride	9.5		"	10.0		95.3	77-141		0.315	30	
Chlorobenzene	9.3		"	10.0		93.1	88-120		0.642	30	
Chloroethane	10		"	10.0		104	65-136		1.66	30	
Chloroform	9.3		"	10.0		93.1	82-128		0.00	30	
Chloromethane	11		"	10.0		111	43-155		0.270	30	
2-Chlorotoluene	10		"	10.0		101	79-130		0.0993	30	
4-Chlorotoluene	9.7		"	10.0		96.6	79-128		3.46	30	
Dibromochloromethane	9.4		"	10.0		94.1	80-130		0.00	30	
Dibromomethane	8.9		"	10.0		89.1	72-134		2.44	30	
1,2-Dichlorobenzene	9.6		"	10.0		95.9	79-123		1.65	30	
1,4-Dichlorobenzene	9.6		"	10.0		96.1	84-124		2.47	30	
1,3-Dichlorobenzene	9.6		"	10.0		95.8	86-122		1.96	30	
Dichlorodifluoromethane	11		"	10.0		112	44-144		4.49	30	
1,2-Dichloroethane	9.2		"	10.0		91.7	73-132		2.76	30	
1,1-Dichloroethane	9.4		"	10.0		93.5	82-129		2.38	30	
trans-1,2-Dichloroethylene	9.1		"	10.0		91.4	80-132		1.09	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI00503 - EPA 5030B											
LCS Dup (BI00503-BSD1)								Prepared & Analyzed: 09/10/2020			
cis-1,2-Dichloroethylene	9.6		ug/L	10.0		95.7	83-129		1.25	30	
1,1-Dichloroethylene	9.5		"	10.0		94.7	68-138		0.317	30	
1,2-Dichloropropane	9.3		"	10.0		92.6	78-126		0.431	30	
2,2-Dichloropropane	10		"	10.0		100	56-150		0.199	30	
1,3-Dichloropropane	9.3		"	10.0		93.2	81-125		0.321	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		93.0	79-131		2.34	30	
1,1-Dichloropropylene	9.6		"	10.0		96.4	83-133		0.729	30	
trans-1,3-Dichloropropylene	9.1		"	10.0		91.1	78-131		0.882	30	
Ethyl Benzene	9.3		"	10.0		92.7	80-131		2.77	30	
Hexachlorobutadiene	11		"	10.0		110	67-146		0.726	30	
Isopropylbenzene	9.7		"	10.0		97.2	76-140		1.73	30	
p-Isopropyltoluene	10		"	10.0		105	81-136		2.73	30	
Methyl tert-butyl ether (MTBE)	8.3		"	10.0		82.8	76-135		6.32	30	
Methylene chloride	11		"	10.0		114	55-137		2.04	30	
Naphthalene	10		"	10.0		102	70-147		0.880	30	
n-Propylbenzene	9.8		"	10.0		98.0	78-133		2.72	30	
Styrene	9.5		"	10.0		94.8	67-132		0.741	30	
1,1,1,2-Tetrachloroethane	9.2		"	10.0		91.9	82-126		0.546	30	
1,1,2,2-Tetrachloroethane	9.7		"	10.0		97.2	76-129		5.99	30	
Tetrachloroethylene	9.5		"	10.0		94.7	82-131		1.81	30	
Toluene	9.3		"	10.0		93.3	79-127		0.641	30	
1,2,4-Trichlorobenzene	10		"	10.0		103	76-137		0.867	30	
1,2,3-Trichlorobenzene	10		"	10.0		103	76-136		1.17	30	
1,1,1-Trichloroethane	9.5		"	10.0		95.0	78-136		0.211	30	
1,1,2-Trichloroethane	9.1		"	10.0		90.9	82-123		0.549	30	
Trichloroethylene	9.6		"	10.0		95.7	82-128		2.27	30	
Trichlorofluoromethane	11		"	10.0		107	67-139		2.56	30	
1,2,3-Trichloropropane	9.5		"	10.0		94.7	77-128		0.955	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		3.56	30	
1,2,4-Trimethylbenzene	10		"	10.0		99.8	82-132		4.31	30	
Vinyl Chloride	11		"	10.0		110	58-145		1.10	30	
o-Xylene	9.2		"	10.0		91.6	78-130		0.436	30	
p- & m- Xylenes	18		"	20.0		91.6	77-133		0.544	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.9*		*"*	*10.0*		*98.8*	*69-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10*		*"*	*10.0*		*102*	*79-122*				
Surrogate: SURR: Toluene-d8	*9.8*		*"*	*10.0*		*98.0*	*81-117*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I0344-01	FB-1 20200908	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0344-02	MW-4 20200908	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0344-03	MW-17 20200908	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0344-04	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 20I0344

YOUR Information	Report To:	Invoice To:
Company: PVE ENGINEERING	Company: SAME	Company: SAME
Address: 48 SPRINGSIDE AVE. POUGHKEEPSIE, NY 12603	Address:	Address:
Phone.: 845-454-2544	Phone.:	Phone.:
Contact: A. SPADAVECCHIA	Contact: CONOR TARBELL	Contact: TARA ALVARADO
E-mail: ASPADAVECCHIA@PVE-LLC.COM	E-mail: CTARBELL@PVE-LLC.COM	E-mail: TALVARADO@PVE-LLC.COM

YOUR Project Number: 560581

YOUR Project Name: 560581 - BEEKMAN HIGHWAY GARAGE

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

YOUR PO#: 560581 - BEEKMAN HIGHWAY GARAGE

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANTHONY J. SPADAVECCHIA

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): (Summary Report); QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); (NYSDEC EQuIS); NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
FB-1 20200908	GW	9-8-20 / 1010	524.2 VOCs	3 HCL
MW-4 20200908	GW	/ 1040	↓	↓
MW-17 20200908	GW	↓ / 1200		
TRIP BLANK			VOCs	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ____ Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
PVE	9-9-2020 / 10:10		9-9-20 / 1010		9-9-20 / 1430
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				KBlackman	9/9/20 1430 / 3.4 Degrees C

APPENDIX D

VAPOR MITIGATION OPERATION AND MAINTENANCE INSPECTION FORMS

Sub-Slab Depressurization System Operation and Maintenance Inspection Form

Date	Location	U-Tube Manometer Reading	Notes/Comments
07-17-18	SHERIFF'S SUBSTATION	-1.50"	
11-05-18		-1.25"	
01-16-19		-1.25"	
06-0619		-1.35"	
8-08-19		-1.55"	
11-05-2019 11-06-2019		-1.40"	
1-14-20		-1.25	
6-09-20		-1.45"	
09-08-20 09-22-20		-1.50"	
11-20-20		-1.50"	
1-22-2021		-1.35"	
4-13-2021		-1.45"	

Sub-Slab Depressurization System Operation and Maintenance Inspection Form

Date	Location	U-Tube Manometer Reading	Notes/Comments
7-17-18	BLOCK GARAGE (NORTH)	-0.9"	
11-05-18		-0.8"	
01-16-19		-0.8"	
6-06-19		-0.9"	
8-08-19		-0.9"	
11-05-2019 11-06-2019		-0.8"	
1-14-20		-0.8"	
6-09-20		-0.95"	FAN REPLACED ON 7-27-2020
09-08-20 09-22-20		-0.9"	
11-20-20		-0.9"	
1-22-2021		-0.9"	
4-13-2021		-0.9"	

Sub-Slab Depressurization System Operation and Maintenance Inspection Form

Date	Location	U-Tube Manometer Reading	Notes/Comments
07-17-18	BLOCK GARAGE (SOUTH)	-1.25"	
11-05-18		-1.0"	
01-16-19		-1.10"	
06-06-19		-1.0"	
8-08-19		-1.25"	
11-05-2019 11-06-2019		-1.10"	
1-14-20		-0.9"	
6-09-20		-0.9"	
09-08-20 09-22-20		-1.0"	
11-20-20		-1.0"	
1-22-2021		-1.0"	
4-13-2021		-1.0"	

Sub-Slab Depressurization System Operation and Maintenance Inspection Form

Date	Location	U-Tube Manometer Reading	Notes/Comments
07-17-18	POLE BARN (EAST)	-1.0"	
11-05-18		-1.0"	
01-16-19		-1.10"	
06-06-19		-1.0"	
8-08-19		-1.0"	
11-05-2019 11-06-2019		-1.0"	
1-14-20		-1.0"	
6-09-20		-1.0"	
09-08-20 09-22-20		-1.0"	
11-20-20		-1.0"	
1-22-2021		-1.0"	
4-13-2021		-1.0"	

Sub-Slab Depressurization System Operation and Maintenance Inspection Form

Date	Location	U-Tube Manometer Reading	Notes/Comments
7-17-18	POLE BARN (WEST)	-1.75"	
11-05-18		-1.75"	
01-16-19		-1.75"	
6-06-19		-1.35"	
8-08-19		-1.30"	
11-05-2019 11-06-2019		-1.20"	
1-14-20		-1.25"	
6-09-20		-1.15"	
09-08-20 09-22-20		-1.0"	
11-20-20		-1.0"	
1-22-21		-1.0"	
4-13-21		-1.0"	