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Civil Engineering • Structure Design • Survey • Landscape Architecture • Environmental

December 29, 2020

Shaw Building LP
ATTN: Jacob Chai
303 Mill Street Poughkeepsie,
New York 12601

Re: **Phase II Environmental Site Assessment**; 24-42 Johnes Street, City of Newburgh, Orange County, New York 12550
Tax Lot #46-2-1
PVE File #561295

Dear Mr. Chai:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Phase II Environmental Site Assessment (ESA) in accordance with our approved scope of work, dated December 11, 2020 (Revised December 17, 2020) for the above referenced property (Figures 1 & 2). As discussed, our objective was to evaluate subsurface conditions at the above-referenced property in response to our Phase I ESA. Below is a summary of field activities, analytical data and conclusions/recommendations.

1.0 INTRODUCTION

PVE completed a Phase I ESA, dated December 11, 2020, for the above referenced property. The following Recognized Environmental Conditions (RECs) were outlined in the ESA:

1. As indicated in Section 5.2 (Site Visit Observations), Section 6.4 (Fire Insurance Maps) and Section 6.5 (City Directories) of the report, the historical uses of the subject property as a moulding and planing mill, painting and sawing, a lumber yard with lumber sheds, a dry kiln room, a waste vault, and a dress factory, is considered a REC. The mishandling or release of chemicals in facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.
2. As indicated in 3.6 (Petroleum and Hazardous Material Releases), 3.7 (Brownfield Sites and Environmental Restoration Program Listings) and 3.11 (US Brownfields) of the report, the nearby property, 7-11 Johnes Street, 233 feet southwest (topographically cross-gradient) of the subject property, contains one (1) closed NY Spill file (NYSDEC Spill #9902373), and is listed with NY ERP and US Brownfields. No information regarding remediation, environmental sampling or analytical results was readily available during preparation of this Phase I ESA; contaminants are known to be present in soil and/or groundwater and

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vapor intrusion condition may exist on the subject property. Based on the proximity and cross-gradient nature of this listing in relation to the subject property, PVE considers this listing to represent a REC.

3. As indicated in Section 2.3 (Current Uses of Adjoining Properties), Section 3.11 (Historic Cleaners), Section 5.2 (Site Visit Observations) and Section 6.4 (Fire Insurance Maps) of the report, the historical uses of the adjoining and nearby properties as an auto repair shop, a Moulding and Planing Mill, an oxide factory, a soap factory, an overalls and pants factory/lace manufacturers, clothing manufacturer, a 'Chinese laundry' and dry-cleaning facilities, is considered a REC. The mishandling or release of chemicals in facilities such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.

Based on the conclusions outlined above, a Phase II ESA was completed to assess the soil, groundwater and soil vapor quality at the subject property. Below is a summary of field activities, analytical data and recommendations.

2.0 FIELD ACTIVITIES

2.1 Geophysical Survey and Private Utility Mark Out

A geophysical services contractor was retained to conduct a mark-out of private utilities and screen the proposed boring locations for utilities and anomalies which may obstruct drilling activities. Field activities were completed on December 21, 2020. Public utilities were traced using ground penetrating radar (GPR) and by induction of an electrical current to accessible metallic piping. Sampling locations were adjusted in the field as necessary.

2.2 Soil Borings and Sample Collection

On December 21, 2020, PVE completed a total of eight (8) soil borings throughout the subject property (Figure 3). Soil borings were installed through the use of a track-mounted Geoprobe™ 54DT unit equipped with 4-foot long, 1 ¾-inch diameter core barrels (macro-cores) fitted with acetate liners and/or hand tools. Soil borings were advanced to a maximum depth of 16-feet below ground surface (bgs); refusal was encountered in multiple soil borings due to tight clay layers and/or bedrock.

Field staff kept detailed log of each core which included lithology, grain size, stratigraphic changes, color, and occurrences of refusal. Soil samples were screened in the field for the presence of Volatile Organic Compounds (VOCs) using a photoionization detector (PID) and headspace techniques. PVE personnel collected one (1) soil sample from each of the soil borings for a total of eight (8) soil samples. Soil samples were submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of the following:

- Comprehensive VOCs via USEPA Method 8260;
- CP-51 Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270; &
- Target Analyte List (TAL) Metals via USEPA Methods 6010 & 7473.

2.3 Temporary Monitoring Well Installation, Development and Sampling

PVE converted three (3) soil boring locations (SB-3, SB-5 and SB-7) into temporary monitoring wells at the time of drilling. Temporary monitoring wells consisted of 1-inch schedule 40 PVC (slotted and riser). One (1)



groundwater sample was collected from each of the three (3) locations using a peristaltic pump following low-flow sampling procedures. TMW-2 and TMW-3 provided poor recharge and were purged dry during sampling; SVOCs could not be collected and analyzed from each location and nor could metals from TMW-2. Samples were dispensed into laboratory provided containers and were submitted to a NYSDOH ELAP-certified laboratory analysis of some or all of the following:

- Comprehensive VOCs via USEPA Method 8260;
- CP-51 SVOCs via USEPA Method 8270; &
- TAL Metals via USEPA Methods 6010 & 7473 (filtered only).

Temporary monitoring wells were removed following sample collection; all soil boring locations were backfilled with native soil cuttings and returned to proximate condition prior to drilling.

2.4 Vapor Sampling

PVE installed and sampled a total of three (3) sub-slab vapor samples throughout the subject property (Figure 3). Two (2) sub-slab vapor samples (SV-2 & SV-3) were installed through the basement slab of the on-site structure. The remaining sub-slab vapor sample (SV-1) was collected through the slab-on-grade portion of the structure within the boiler room. All sampling ports were installed using a hammer drill and 5/8-inch drill bit. Polyethylene tubing was inserted to below the slab elevation at each location and sealed at the surface with non-VOC emitting clay. All vapor probes were purged of 1-3 volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify seal integrity.

One (1) indoor ambient air sample was collected within the onsite structure. The ambient indoor air sample was collected proximate to SV-2 from breathing height, at approximately 4-feet above the elevation of the concrete slab floor.

Each sample was collected in a certified clean Summa canister with a regulator set to collect a sample over the appropriate sampling period. Samples were submitted to a NYSDOH ELAP-certified laboratory for analysis of VOCs via USEPA Method TO-15 following standard chain-of-custody procedures.

3.0 RESULTS

Soil sample results are summarized in Tables 1-3. Analytical reports are attached.
Groundwater sample results are summarized in Table 4-6. Analytical reports are attached.
Vapor results are summarized in Table 7-9. Analytical reports are attached.

3.1 Soil Boring Samples

Soil sample results are summarized in Tables 1-3 and compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs) and Commercial Use Soil Cleanup Objectives (CSCOs) as defined in 6NYCRR Part 375. Analytical reports are attached. See Figure 3 for soil boring sampling locations.

3.1.1 VOCs

No VOCs were detected in any of the eight (8) soil samples collected and analyzed.



3.1.2 SVOCs

SVOCs were detected in five (5) of the eight (8) soil samples collected and analyzed. Multiple SVOCs were detected in two (2) of the eight (8) soil samples at concentrations exceeding UUSCOs, RRSCOs and CSCOs; exceedances are described below:

- SB-3 (2-3.5')
 - **Benzo(B)Fluoranthene (1,300 ug/kg)**
 - Benzo(K)Fluoranthene (910 ug/kg)
 - **Indeno(1,2,3-C,D)Pyrene (550 ug/kg)**
- SB-7 (2-3')
 - **Benzo(A)Anthracene (3,100 ug/kg)**
 - **Benzo(A)Pyrene (2,300 ug/kg)**
 - **Benzo(B)Fluoranthene (2,000 ug/kg)**
 - Benzo(K)Fluoranthene (2,000 ug/kg)
 - Chrysene (2,800 ug/kg)
 - **Indeno(1,2,3-C,D)Pyrene (1,100 ug/kg)**

Bold font compounds were detected at concentrations also exceeding RRSCOs.

Bold and underlined font compounds were detected at concentrations also exceeding CSCOs.

3.1.3 Metals

Metals were detected in all eight (8) of the soil samples collected and analyzed. One (1) or more metals were detected in three (3) of the eight (8) soil samples at concentrations exceeding UUSCOs and RRSCOs. No metals were detected at concentrations exceeding CSCOs. Exceedances are described below.

- SB-2 (0-1')
 - **Lead (700 mg/kg)**
- SB-3 (2-3.5')
 - Chromium, Total (216 mg/kg)
 - Lead (226 mg/kg)
 - Silver (3.58 mg/kg)
- SB-7 (2-3')
 - Lead (268 mg/kg)
 - **Mercury (1.23 mg/kg)**

Bold font compounds were detected at concentrations also exceeding RRSCOs.

3.2 Groundwater Samples

Groundwater sample results are summarized in Table 4-6 and compared to Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Analytical reports are attached. See Figure 3 for groundwater sampling locations.



3.2.1 VOCs

VOCs were detected in all three (3) of the groundwater samples collected. No groundwater samples contained VOCs detected at concentrations exceeding Class GA GQS.

3.2.2 SVOCs

Only TMW-1 yielded enough groundwater during sample collection for the analysis of SVOCs. Multiple SVOCs were detected in the one (1) groundwater sample collected and analyzed at concentrations exceeding Class GA GQS. Exceedances are described below.

- TMW-1
 - Benzo(A)Anthracene (0.17 ug/l)
 - Benzo(A)Pyrene (0.17 ug/l)
 - Benzo(B)Fluoranthene (0.12 ug/l)
 - Benzo(K)Fluoranthene (0.15 ug/l)
 - Chrysene (0.17 ug/l)
 - Indeno(1,2,3-C,D)Pyrene (0.10 ug/l)

3.2.3 Dissolved Metals (Field Filtered)

Only TMW-1 and TMW-3 yielded enough groundwater during sample collection for the analysis of Metals. The groundwater sample collected from TMW-1 contained one (1) metal detected at a concentration exceeding its respective Class GA GQS. The exceedance is described below.

- TMW-1
 - Selenium (0.036 mg/l)

3.3 Vapor Samples

Vapor sample results are summarized in Table 7-9 and compared to NYSDOH Median and 95th Percentile (Table 7), Immediate Action Table 3.1 Values (Table 8), and Decision Matrices (Table 9) as defined in *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)*. Analytical reports are attached. See Figure 3 for vapor sampling locations.

3.3.1 Indoor Ambient Air - NYSDOH Median and 95th Percentile

Multiple VOCs were detected in the one (1) indoor ambient air samples at concentrations exceeding both NYSDOH Indoor Air Median Concentrations and NYSDOH Indoor Air 95th Percentile. The following VOCs compounds were detected in the indoor ambient air samples collected:

- AI-1
 - Acetone (22 ug/m³)
 - Carbon Tetrachloride (0.75 ug/m³)
 - **Chloromethane (1.3 ug/m³)**
 - Dichlorodifluoromethane (2.5 ug/m³)
 - Ethylbenzene (1.2 ug/m³)
 - Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) (1.1 ug/m³)



- N-Hexane (2.6 ug/m³)
- O-Xylene (1,2-Dimethylbenzene) (1.3 ug/m³)
- Styrene (0.39 ug/m³)
- Tetrachloroethylene (PCE) (2.7 ug/m³)

Bold font indicates NYSDOH Indoor Air 95th Percentile exceedance.

3.3.2 Indoor Ambient Air - NYSDOH Immediate Action Table 3.1 Values

According to the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)*, 2006 Table 3.1 Air Guidance Values for Indoor Air and subsequent amendments, three (3) compounds (Methylene Chloride, Tetrachloroethylene [PCE] & Trichloroethylene [TCE]) may require immediate action based on indoor air concentrations.

None of these three (3) compounds were detected in the indoor ambient air sample at concentrations requiring action.

3.3.3 Soil Vapor - NYSDOH Decision Matrices

According to the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)* and subsequent amendments, only eight (8) compounds are regulated by NYSDOH: 1,1-Dichloroethene (1,1-DCE), Cis-1,2-Dichloroethene (Cis-1,2-DCE), Vinyl Chloride (VC), 1,1,1 – Trichloroethane (1,1,1-TCA), Carbon Tetrachloride, Methylene Chloride, PCE and TCE. The following NYSDOH-regulated compounds were detected in the soil vapor samples collected:

- SSV-1
 - Carbon Tetrachloride (0.49 ug/m³)
- SSV-2
 - Cis-1,2-Dichloroethylene (0.20 ug/m³)
- SSV-3
 - Carbon Tetrachloride (0.50 ug/m³)
 - Cis-1,2-Dichloroethylene (0.16 ug/m³)
 - Methylene Chloride (2.2 ug/m³)
 - PCE (1.2 ug/m³)

Based on the concentration of the NYSDOH regulated compound detected in the soil vapor samples and compared to indoor ambient air concentrations, the following actions apply:

- SSV-1
 - **No Further Action**
- SSV-2
 - **No Further Action**
- SSV-3
 - **No Further Action**



4.0 DISCUSSION & CONCLUSIONS

4.1 Soil

1. Eight (8) soil borings were completed throughout the subject property to a maximum depth of 16-feet bgs; one (1) soil sample was collected from each soil boring.
2. No VOCs were detected in any of the eight (8) soil samples at concentrations exceeding UUSCOs, RRSCOs or CSCOs.
3. Multiple SVOCs were detected in two (2) of the eight (8) soil samples (SB-3 and SB-7) at concentrations exceeding UUSCOs and RRSCOs; one (1) compound (Benzo(A)Pyrene) was detected in one (1) soil sample (SB-7) at a concentration exceeding its respective CSCO.
4. One (1) or more metals were detected in three (3) of the eight (8) soil samples at concentrations exceeding UUSCOs; two (2) of the three (3) soil samples contained a metal at concentrations exceeding RRSCOs. No metals were detected exceeding CSCOs.
5. Urban fill (consisting of brick, coal and/or coal ash) was observed in four (4) of the eight (8) soil borings completed (SB-3, SB-5, SB-7 and SB-8).

4.2 Groundwater

1. A total of three (3) temporary groundwater monitoring wells were installed and sampled at the subject property.
2. No VOCs were detected in any of the groundwater samples collected at concentrations exceeding Class GA GQS.
3. Multiple SVOCs were detected in TMW-1 at concentrations exceeding Class GA GQS. Groundwater samples from the remaining two (2) temporary monitoring wells were not analyzed for SVOCs, due to low groundwater yield.
4. Only one (1) metal (selenium) was detected in one (1) groundwater sample (TMW-1) at a concentration exceeding the Class GA GQS.
 - a. It is our opinion that the metal detected exceeding Class GA GQS is characteristic of this region as discussed in *Occurrence and Distribution of Iron, Manganese, and Selected Trace Elements in Groundwater in the Glacial Aquifer System of the Northern United States*, USGS 2009.

4.3 Vapor

1. A total of three (3) soil vapor samples and one (1) indoor ambient air sample were collected from the subject property.
2. NYSDOH-regulated chlorinated VOCs were not detected in the sub-slab vapor or ambient indoor air sample at concentrations requiring further action.



5.0 RECOMMENDATIONS

1. Urban fill (consisting of brick, coal and/or coal ash) was observed in four (4) of the eight (8) soil borings completed. Metals and SVOCs were detected in the soil samples collected from these borings at concentrations exceeding SCOs. Only one (1) soil sample contained one (1) SVOC exceeding the site's intended commercial use (CSCOs).
 - a. The urban fill was only observed at shallow depths, ranging from 0 to 3.5-feet, within these soil borings. No fill or soil contaminants were observed/detected in soil samples collected from deeper intervals.
2. Urban fill is likely to be present in other portions of the subject property not already investigated. The excavation of urban fill exceeding CSCOs will require special handling and/or off-site disposal. Any excavation or future construction activities should be completed in accordance with a site-specific Soil and Materials Management Plan (SMMP) that describes requirements outlined in NYSDEC 6 NYCRR Part 360 regulations.
3. The SVOCs detected in the soil sample collected from SB-7 exceeding SCOs were also detected in the co-located groundwater sample collected from TMW-1 at concentrations exceeding Class GA GQS. Due to the low yield of groundwater in the remaining monitoring wells (TMW-2 and TMW-3), SVOCs could not be sampled and analyzed for; the presence of SVOCs in these locations cannot be verified/refuted.
 - a. PVE understands the subject property does not utilize groundwater for potable drinking water purposes. No direct exposure route to the contaminated groundwater currently exists.
 - b. Although the concentrations detected in groundwater may represent actual conditions, it is possible that these contaminants were introduced to groundwater as a function of the drilling technique and the low volumes of groundwater purged from the monitoring well. Supplemental sample collection and analysis would be necessary to confirm the presence of these contaminants in groundwater.
 - c. Although the conditions described in this report are typical of urban environments, it is unclear whether or not past site operations have adversely impacted the subject property. As such, PVE cannot resolve REC #1 at this time.
4. Chlorinated VOCs were not detected in soil vapor or indoor ambient air samples at concentrations requiring further actions. Based on this data, PVE considers the vapor encroachment condition (VEC) potential associated with REC #2 and #3 to be resolved, at this time.

If you have any questions, please do not hesitate to contact us.

Sincerely,

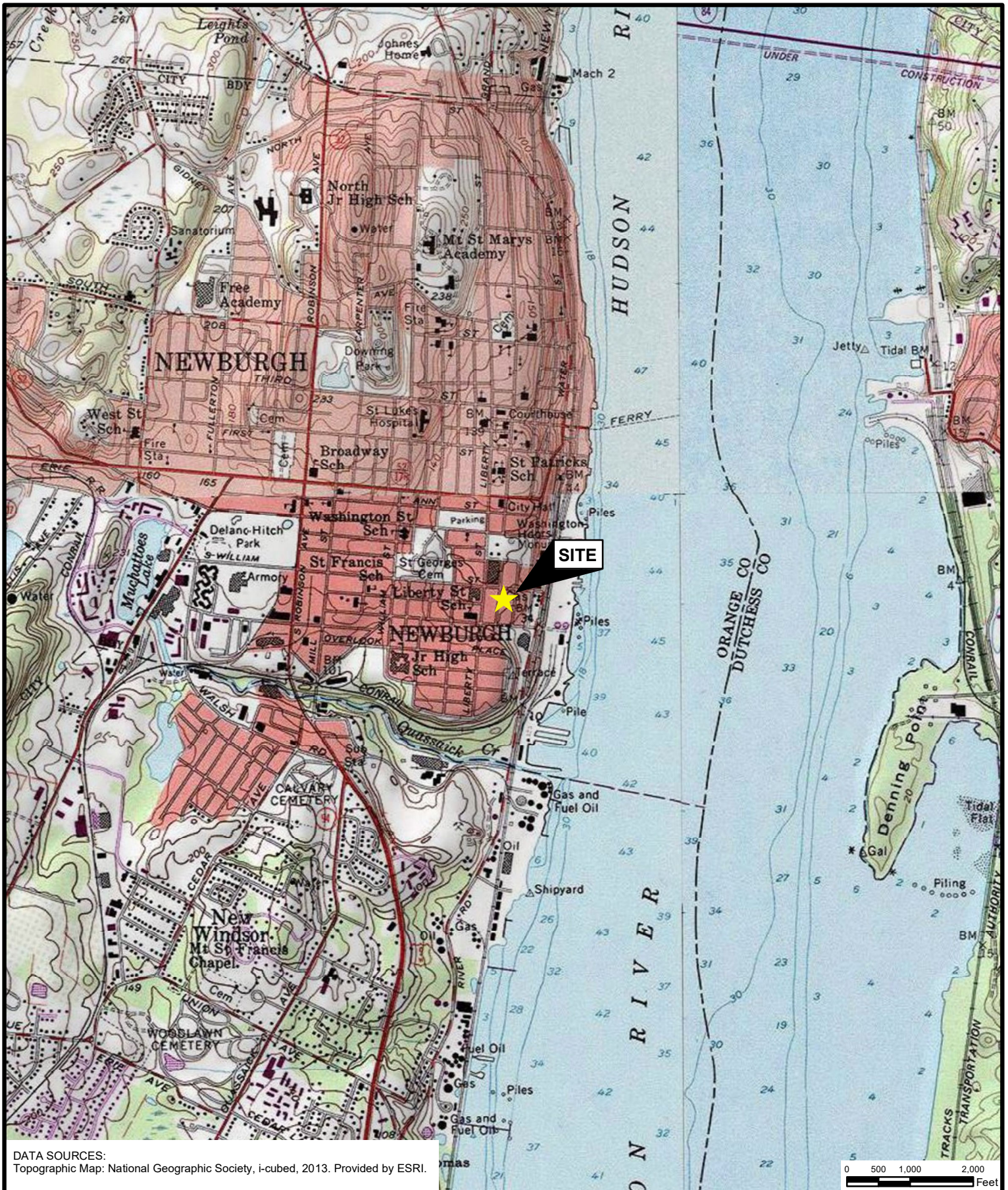
PVE Engineering

A handwritten signature in black ink, appearing to read "Christopher B. Brown".

Christopher B. Brown, P.G.
Principal/Director of Environmental Services

CBB/CBT
Attachments

FIGURES



DATA SOURCES:
 Topographic Map: National Geographic Society, i-cubed, 2013. Provided by ESRI.

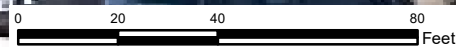
 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SITE LOCATION MAP 24-42 JOHNES STREET CITY OF NEWBURGH, ORANGE COUNTY NEW YORK 12550		PROJECT NO. 561295	FIGURE 1
			DATE: 11/24/2020	SCALE: AS INDICED
			PROJECTION: NAD83 STATE PLANE NY EAST	ALL LOCATIONS APPROXIMATE

LEGEND

 TAX PARCEL OUTLINE



DATA SOURCES:
Tax Parcel Outline: Orange County ParcelAccess, 2020
Aerial Image: NYS ITS GIS Program Office, 2016



48 Springside Avenue
Poughkeepsie, NY 12603
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SELECTED SITE FEATURES

24-42 JHONES STREET
CITY OF NEWBURGH, ORANGE COUNTY
NEW YORK 12550

PROJECT NO.
561295



FIGURE 2

DATE: 11/24/2020

SCALE: AS INDICATED

PROJECTION: NAD83 STATE PLANE NY EAST

ALL LOCATIONS APPROXIMATE

LEGEND

-  SOIL BORING
-  TEMPORARY MONITORING WELL
-  SUB-SLAB SOIL VAPOR
-  AMBIENT INDOOR AIR
-  TAX PARCEL OUTLINE



DATA SOURCES:
 Tax Parcel Outline: Orange County ParcelAccess, 2020
 Aerial Image: NYS ITS GIS Program Office, 2016



48 Springside Avenue
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SAMPLE LOCATION MAP
 24-42 JHONES STREET
 CITY OF NEWBURGH, ORANGE COUNTY
 NEW YORK 12550

PROJECT NO.
 561295



FIGURE 3

DATE: 12/27/2020

SCALE: AS INDICATED

PROJECTION: NAD83 STATE PLANE NY EAST

ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - VOCs in Soil Samples
Compared to UUSCOs, RRSCOs & CSCOs per 6 NYCRR Part 375
24-42 Johnes Street, Newburgh, NY
PVF File #561295

		Date Sampled		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020	
		Location		SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7	
		Sample Depth (feet bgs)		4-6		0-1		2-3.5		2-3		14-16		3-4		2-3	
		Sample ID		SB-1 4-6 20102121		SB-2 0-1 20102121		SB-3 2-3.5 20102121		SB-4 2-3 20102121		SB-5 14-16 20102121		SB-6 3-4 20102121		SB-7 2-3 20102121	
		SB-8 11-15.2 20102121															
Method	Analyte	CAS RN	UUSCOS	RSSCOS	CS	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	680	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,1,2,2-Tetrachloroethane	79-34-4	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,1,2-Trichloroethane	79-00-5	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,1-Dichloroethane	75-34-3	270	26000	240000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,1-Dichloroethene	75-35-4	330	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2,3-Trichlorobenzene	87-61-6	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dichloropropene	96-18-4	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2,4-Trimethylbenzene	95-63-6	3600	52000	190000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dibromobenzene (Ethylene Dibromide)	106-93-4	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dichloroethane	107-06-2	20	3100	30000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,2-Dichloropropane	78-87-5	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8400	52000	190000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,3-Dichlorobenzene	541-73-1	2400	49000	280000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,4-Dichlorobenzene	106-46-7	1800	13000	130000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	100	13000	130000	ug/kg	ND < 62	ug/kg	Q	ND < 46	ug/kg	Q	ND < 54	ug/kg	Q	ND < 45	ug/kg
SW8260	2-Hexanone	591-78-6	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Acetone	67-64-1	60	100000	500000	ug/kg	ND < 6.2	ug/kg	Q	ND < 4.6	ug/kg	Q	ND < 5.4	ug/kg	Q	ND < 4.5	ug/kg
SW8260	Acrolein	107-02-8	NE	NE	NE	NE	ND < 4.6	ug/kg	Q	ND < 3.1	ug/kg	Q	ND < 4.5	ug/kg	Q	ND < 5.0	ug/kg
SW8260	Acrylonitrile	107-13-1	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Benzene	71-43-2	60	4800	44000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Bromochloromethane	74-97-5	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Bromodichloromethane	75-27-4	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Bromomform	75-25-2	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Bromomethane	74-83-9	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Carbon Disulfide	75-15-0	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Carbon Tetrachloride	56-23-5	760	2400	22000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Chlorobenzene	108-90-7	1100	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Chloroethane	75-00-3	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Chloroform	67-66-3	370	49000	350000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Chloromethane	74-87-3	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Cis-1,2-Dichloroethylene	156-59-2	250	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Cyclohexane	110-82-7	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Dibromochloromethane	124-48-1	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Dibromomethane	74-95-3	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Dichlorodifluoromethane	75-71-8	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Ethylbenzene	100-41-4	1000	41000	390000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Hexachlorobutadiene	87-68-3	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Isopropylbenzene (Cumene)	98-82-8	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Methyl Acetate	79-20-9	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	120	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Methylcyclohexane	108-87-2	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Methylstyrene Chloride	59-89-2	50	100000	500000	ug/kg	ND < 6.2	ug/kg	Q	ND < 4.6	ug/kg	Q	ND < 5.4	ug/kg	Q	ND < 4.6	ug/kg
SW8260	M-P-Xylene	136777-61-2	260	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	N-Butylbenzene	104-51-8	12000	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	N-Propylbenzene	103-65-1	3900	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	260	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Sec-Butylbenzene	135-98-8	11000	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Styrene	100-42-5	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	T-Butylbenzene	98-06-6	5900	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Tert-Butyl Alcohol	75-65-0	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Tert-Butyl Methyl Ether	1634-04-4	930	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Tetrachloroethylene (PCE)	127-18-4	1300	19000	150000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Toluene	108-88-3	700	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Trans-1,2-Dichloroethene	156-60-5	190	100000	500000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Trans-1,3-Dichloropropene	1005-102-6	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Trans-1,4-Dichloro-2-Butene	110-57-6	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Trichlorofluorene (TCF)	79-01-6	470	21000	200000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Trichlorofluoromethane	75-69-4	NE	NE	NE	NE	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Vinyl Chloride	75-01-4	20	900	13000	ug/kg	ND < 3.1	ug/kg	Q	ND < 2.3	ug/kg	Q	ND < 2.7	ug/kg	Q	ND < 2.3	ug/kg
SW8260	Xylenes, Total	XYLENES	260	100000	500000	ug/kg	ND < 9.3	ug/kg	Q	ND < 6.9	ug/kg	Q	ND < 8.0	ug/kg	Q	ND < 6.8	ug/kg

Notes:

Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs), Restricted Residential Soil Cleanup Objectives, and Commercial Use Soil Cleanup Objectives (CSCO);

Blue shading designates those compounds detected at concentrations exceeding USCOs;

Orange shading designates those compounds detected at concentrations exceeding RRSOs;

Red shading designates those compounds detected at concentrations exceeding CSOs;

J = Result estimated between the quantitation limit and half the quantitation limit;

bgs = below ground surface;

NE = No standard established; &

ND and L = **Not detected** at method detection limit for sample.

Table 2 - SVOCs in Soil Samples
 Compared to UUSCOs, RRSCOs & CSCOs per 6 NYCRR Part 375
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Date Sampled						12/21/2020			12/21/2020			12/21/2020			12/21/2020			12/21/2020			12/21/2020			12/21/2020			12/21/2020			12/21/2020		
Location						SB-1			SB-2			SB-3			SB-4			SB-5			SB-6			SB-7			SB-8					
Sample Depth (feet bgs)						4-6			0-1			2-3.5			2-3			14-16			3-4			2-3			11.5-12.5					
Sample ID						SB-1 4-6 20201221			SB-2 0-1 20201221			SB-3 2-3.5 20201221			SB-4 2-3 20201221			SB-5 14-16 20201221			SB-6 3-4 20201221			SB-7 2-3 20201221			B-8 11.5-12.5 20201221					
Method	Analyte	CAS RN	UUSCOs	RRSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q		
SW8270	Acenaphthene	83-32-9	20000	100000	500000	ug/kg	ND < 76	ug/kg	U	ND < 49	ug/kg	U	73	ug/kg	J	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	280	ug/kg	U	ND < 48	ug/kg	U		
SW8270	Acenaphthylene	208-96-8	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	ND < 49	ug/kg	U	180	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	ND < 53	ug/kg	U	ND < 48	ug/kg	U		
SW8270	Anthracene	120-12-7	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	ND < 49	ug/kg	U	310	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	1100	ug/kg	U	ND < 48	ug/kg	U		
SW8270	Benzo(A)Anthracene	56-55-3	1000	1000	5600	ug/kg	ND < 76	ug/kg	U	82	ug/kg	J	900	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	3100	ug/kg	U	160	ug/kg	U		
SW8270	Benzo(A)Pyrene	50-32-8	1000	1000	1000	ug/kg	ND < 76	ug/kg	U	83	ug/kg	J	850	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	2300	ug/kg	U	140	ug/kg	U		
SW8270	Benzo(B)Fluoranthene	205-99-2	1000	1000	5600	ug/kg	ND < 76	ug/kg	U	110	ug/kg	U	1300	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	2000	ug/kg	U	240	ug/kg	U		
SW8270	Benzo(G,H,I)Perylene	191-24-2	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	96	ug/kg	J	640	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	1300	ug/kg	U	97	ug/kg	U		
SW8270	Benzo(K)Fluoranthene	207-08-9	800	3900	56000	ug/kg	ND < 76	ug/kg	U	87	ug/kg	J	910	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	2000	ug/kg	U	110	ug/kg	U		
SW8270	Chrysene	218-01-9	1000	3900	56000	ug/kg	ND < 76	ug/kg	U	79	ug/kg	J	990	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	2800	ug/kg	U	160	ug/kg	U		
SW8270	Dibenz(A,H)Anthracene	53-70-3	330	330	560	ug/kg	ND < 76	ug/kg	U	ND < 49	ug/kg	U	270	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	320	ug/kg	U	48	ug/kg	J		
SW8270	Fluoranthene	206-44-0	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	130	ug/kg	U	2200	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	6300	ug/kg	U	300	ug/kg	U		
SW8270	Fluorene	86-73-7	30000	100000	500000	ug/kg	ND < 76	ug/kg	U	ND < 49	ug/kg	U	90	ug/kg	J	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	260	ug/kg	U	ND < 48	ug/kg	U		
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	500	500	5600	ug/kg	ND < 76	ug/kg	U	77	ug/kg	J	550	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	1100	ug/kg	U	110	ug/kg	U		
SW8270	Naphthalene	91-20-3	12000	100000	500000	ug/kg	ND < 76	ug/kg	U	78	ug/kg	J	73	ug/kg	J	ND < 49	ug/kg	U	ND < 45	ug/kg	U	ND < 50	ug/kg	U	ND < 53	ug/kg	U	56	ug/kg	J		
SW8270	Phenanthrene	85-01-8	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	58	ug/kg	J	1500	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	130	ug/kg	U	3300	ug/kg	U	140	ug/kg	U		
SW8270	Pyrene	129-00-0	100000	100000	500000	ug/kg	ND < 76	ug/kg	U	100	ug/kg	U	1500	ug/kg	U	ND < 49	ug/kg	U	ND < 45	ug/kg	U	120	ug/kg	U	5000	ug/kg	U	230	ug/kg	U		

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives, and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Orange shading designates those compounds detected at concentrations exceeding RRSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 J = Result estimated between the quantitation limit and half the quantitation limit;
 bgs = below ground surface;
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 3 - Metals in Soil Samples
 Compared to UUSCOs, RRSCOs & CSCOs per 6 NYCRR Part 375
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

			Date Sampled		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020			
			Location		SB-1		SB-2		SB-3		SB-4		SB-5		SB-6		SB-7		SB-8		SB-8			
			Sample Depth (feet bgs)		4-6		0-1		2-3.5		2-3		14-16		3-4		2-3		11.5-12.5		20201221			
			Sample ID		SB-1 4-6 20201221		SB-2 0-1 20201221		SB-3 2-3.5 20201221		SB-4 2-3 20201221		SB-5 14-16 20201221		SB-6 3-4 20201221		SB-7 2-3 20201221		B-8 11.5-12.5 20201221		20201222			
Method	Analyte	CAS RN	UUSCOs	RRSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Arsenic	7440-38-2	13	16	16	mg/kg	8.39	mg/kg		8.12	mg/kg		8.79	mg/kg		8.45	mg/kg		7.68	mg/kg		7.80	mg/kg	
SW6010	Barium	7440-39-3	350	400	400	mg/kg	81.0	mg/kg		128	mg/kg		107	mg/kg		113	mg/kg		105	mg/kg		82.6	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	4.3	9.3	mg/kg	ND< 0.373	mg/kg	U	0.367	mg/kg		0.846	mg/kg		ND< 0.357	mg/kg	U	ND< 0.334	mg/kg	U	ND< 0.365	mg/kg	U
SW6010	Chromium, Total	7440-47-3	31	290		mg/kg	18.8	mg/kg		26.2	mg/kg		216	mg/kg		24.2	mg/kg		23.5	mg/kg		22.8	mg/kg	
SW6010	Lead	7439-92-1	63	400	1000	mg/kg	11.7	mg/kg		700	mg/kg		226	mg/kg		15.6	mg/kg		10.1	mg/kg		13.0	mg/kg	
SW6010	Selenium	7782-49-2	3.9	180	1500	mg/kg	ND< 3.11	mg/kg	U	ND< 2.93	mg/kg	U	ND< 3.03	mg/kg	U	ND< 2.97	mg/kg	U	ND< 2.78	mg/kg	U	ND< 3.04	mg/kg	U
SW6010	Silver	7440-22-4	2	180	1500	mg/kg	ND< 0.622	mg/kg	U	ND< 0.586	mg/kg	U	3.58	mg/kg		ND< 0.594	mg/kg	U	ND< 0.557	mg/kg	U	ND< 0.609	mg/kg	U
SW7473	Mercury	7439-97-6	0.18	0.81	2.8	mg/kg	ND< 0.0373	mg/kg	U	0.0564	mg/kg		0.124	mg/kg		0.0772	mg/kg		ND< 0.0334	mg/kg	U	ND< 0.0365	mg/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives, and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Orange shading designates those compounds detected at concentrations exceeding RRSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 J = Result estimated between the quantitation limit and half the quantitation limit;
 bgs = below ground surface;
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 4 - VOCs in Groundwater Samples
 Compared to Class GA GQS per 6 NYCRR Part 700-705
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Method	Analyte	CAS RN	CLASS GA	Unit	Date Sampled Location Sample ID			12/21/2020 TMW-1			12/21/2020 TMW-2			12/21/2020 TMW-3		
								Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,1-Trichloroethane (TCA)	71-55-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1,2-Trichloroethane	79-00-5	1	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1-Dichloroethane	75-34-3	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,1-Dichloroethene	75-35-4	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,3-Trichloropropane	96-18-4	0.04	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,4-Trichlorobenzene	120-82-1	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichlorobenzene	95-50-1	3	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichloroethane	107-06-2	0.6	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,2-Dichloropropane	78-87-5	1	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,3-Dichlorobenzene	541-73-1	3	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,4-Dichlorobenzene	106-46-7	3	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	NE					ND < 40	ug/l	U	ND < 40	ug/l	U	ND < 40	ug/l	U
SW8260	2-Hexanone	591-78-6	50	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Acetone	67-64-1	50	ug/l				13	ug/l	J	4.3	ug/l	J	29	ug/l	J
SW8260	Acrolein	107-02-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Acrylonitrile	107-13-1	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Benzene	71-43-2	1	ug/l				0.22	ug/l	J	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromochloromethane	74-97-5	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromodichloromethane	75-27-4	50	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromoform	75-25-2	50	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Bromomethane	74-83-9	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Carbon Disulfide	75-15-0	60	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Carbon Tetrachloride	56-23-5	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chlorobenzene	108-90-7	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chloroethane	75-00-3	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chloroform	67-66-3	7	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Chloromethane	74-87-3	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Cyclohexane	110-82-7	NE					ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Dibromochloromethane	124-48-1	50	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Dibromomethane	74-95-3	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Dichlorodifluoromethane	75-71-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Ethylbenzene	100-41-4	5	ug/l				0.26	ug/l	J	ND < 0.20	ug/l	U	0.25	ug/l	J
SW8260	Hexachlorobutadiene	87-68-3	0.5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Isopropylbenzene (Cumene)	98-82-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methyl Acetate	79-20-9	NE					ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE					ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methylcyclohexane	108-87-2	NE					ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Methylene Chloride	75-09-2	5	ug/l				ND < 1.0	ug/l	U	ND < 1.0	ug/l	U	ND < 1.0	ug/l	U
SW8260	M-P-Xylene	136777-61-2	5	ug/l				1.1	ug/l	J	ND < 0.50	ug/l	U	1.1	ug/l	J
SW8260	N-Butylbenzene	104-51-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	N-Propylbenzene	103-65-1	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l				0.46	ug/l	J	ND < 0.20	ug/l	U	0.43	ug/l	J
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE					ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	0.23	ug/l	J
SW8260	Sec-Butylbenzene	135-98-8	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Styrene	100-42-5	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	T-Butylbenzene	98-06-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Tert-Butyl Alcohol	75-65-0	NE					ND < 0.50	ug/l	U	ND < 0.50	ug/l	U	ND < 0.50	ug/l	U
SW8260	Tert-Butyl Methyl Ether	1634-04-4	10	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Tetrachloroethylene (PCE)	127-18-4	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Toluene	108-88-3	5	ug/l				0.51	ug/l	J	0.31	ug/l	J	0.46	ug/l	J
SW8260	Trans-1,2-Dichloroethene	156-60-5	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trichloroethylene (TCE)	79-01-6	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Trichlorofluoromethane	75-69-4	5	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Vinyl Chloride	75-01-4	2	ug/l				ND < 0.20	ug/l	U	ND < 0.20	ug/l	U	ND < 0.20	ug/l	U
SW8260	Xylenes, Total	XYLENES	5	ug/l				1.5	ug/l	J	ND < 0.60	ug/l	U	1.6	ug/l	J

Notes:

Standards are for Class GA groundwater according 6NYCRR Part 700-705;
 Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
 NE = No standard established;
 Detection Limit, the result is estimated; &
 ND and U = Not detected at MDL for sample.

Table 5 - SVOCs in Groundwater Samples
 Compared to Class GA GQS per 6 NYCRR Part 700-705
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

Method	Analyte	CAS RN	CLASS GA	Unit	Date Sampled Location Sample ID			12/21/2020 TMW-1 TMW-1 20201221			12/21/2020 TMW-2 TMW-2 20201221			12/21/2020 TMW-3 TMW-3 20201221		
					Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Acenaphthene	83-32-9	20	ug/l	0.38	ug/l		NS			NS			NS		
SW8270	Acenaphthylene	208-96-8	NE		ND< 0.051	ug/l	U	NS			NS			NS		
SW8270	Anthracene	120-12-7	NE	ug/l	0.23	ug/l		NS			NS			NS		
SW8270	Benzo(A)Anthracene	56-55-3	0.002	ug/l	0.17	ug/l		NS			NS			NS		
SW8270	Benzo(A)Pyrene	50-32-8	0	ug/l	0.17	ug/l		NS			NS			NS		
SW8270	Benzo(B)Fluoranthene	205-99-2	0.002	ug/l	0.12	ug/l		NS			NS			NS		
SW8270	Benzo(G,H,I)Perylene	191-24-2	NE		0.12	ug/l		NS			NS			NS		
SW8270	Benzo(K)Fluoranthene	207-08-9	0.002	ug/l	0.15	ug/l		NS			NS			NS		
SW8270	Chrysene	218-01-9	0.002	ug/l	0.17	ug/l		NS			NS			NS		
SW8270	Dibenz(A,H)Anthracene	53-70-3	NE		0.062	ug/l		NS			NS			NS		
SW8270	Fluoranthene	206-44-0	50	ug/l	0.42	ug/l		NS			NS			NS		
SW8270	Fluorene	86-73-7	50	ug/l	0.18	ug/l		NS			NS			NS		
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.002	ug/l	0.10	ug/l		NS			NS			NS		
SW8270	Naphthalene	91-20-3	10	ug/l	0.092	ug/l		NS			NS			NS		
SW8270	Phenanthrene	85-01-8	50	ug/l	0.50	ug/l		NS			NS			NS		
SW8270	Pyrene	129-00-0	50	ug/l	0.39	ug/l		NS			NS			NS		

Notes:

Standards are for Class GA groundwater according 6NYCRR Part 700-705;
 Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
 NE = No standard established;
 NS = Not sampled for due to low yielding well;
 Detection Limit, the result is estimated; &
 ND and U = Not detected at MDL for sample.

Table 6 - Metals in Groundwater Samples
 Compared to Class GA GQS per 6 NYCRR Part 700-705
 24-42 Johnes Street, Newburgh, NY
 PVE File #561295

				Date Sampled Location Sample ID	12/21/2020 TMW-1 TMW-1 20201221			12/21/2020 TMW-2 TMW-2 20201221			12/21/2020 TMW-3 TMW-3 20201221		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Arsenic	7440-38-2	0.025	mg/l	ND< 0.015	mg/l	U	NS			ND< 0.015	mg/l	U
SW6010	Barium	7440-39-3	1	mg/l	0.032	mg/l		NS			0.028	mg/l	
SW6010	Cadmium	7440-43-9	0.005	mg/l	ND< 0.0030	mg/l	U	NS			ND< 0.0030	mg/l	U
SW6010	Chromium, Total	7440-47-3	0.05	mg/l	ND< 0.0050	mg/l	U	NS			0.009	mg/l	
SW6010	Lead	7439-92-1	0.025	mg/l	ND< 0.0050	mg/l	U	NS			ND< 0.0050	mg/l	U
SW6010	Selenium	7782-49-2	0.01	mg/l	0.036	mg/l		NS			ND< 0.025	mg/l	U
SW6010	Silver	7440-22-4	0.05	mg/l	ND< 0.0050	mg/l	U	NS			ND< 0.0050	mg/l	U
SW7470	Mercury	7439-97-6	0.0007	mg/l	ND< 0.00020	mg/l	U	NS			ND< 0.00020	mg/l	U

Notes:

Standards are for Class GA groundwater according 6NYCRR Part 700-705;
 Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
 NE = No standard established;
 NS = Not sampled for due to low yielding well;
 Detection Limit, the result is estimated; &
 ND and U = Not detected at MDL for sample.

Table 7 - VOCs in Ambient Indoor Air Samples
 Compared to NYSDOH Median and 95th Percentile
 24-42 Johnes Street, Newburgh, NY
 PVE #561295

				Date Sampled	12/21/2020		
				Location	AI-1		
				Sample ID	AI-1 20201221		
Analyte	CAS RN	NYSDOH INDOOR AIR MEDIAN CONCENTRATION	NYSDOH INDOOR AIR 95TH PERCENTILE	Unit	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE		ND< 0.48	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	0.3	6.9	ug/m3	ND< 0.38	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	0.25	ug/m3	ND< 0.48	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE		0.75	ug/m3	
1,1,2-Trichloroethane	79-00-5	0.25	0.25	ug/m3	ND< 0.38	ug/m3	U
1,1-Dichloroethane	75-34-3	0.25	0.25	ug/m3	ND< 0.28	ug/m3	U
1,1-Dichloroethene	75-35-4	0.25	0.7	ug/m3	ND< 0.069	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	0.25	6.3	ug/m3	ND< 0.52	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	1.9	18	ug/m3	0.83	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.25	0.25	ug/m3	ND< 0.54	ug/m3	U
1,2-Dichlorobenzene	95-50-1	0.25	1	ug/m3	ND< 0.42	ug/m3	U
1,2-Dichloroethane	107-06-2	0.25	0.25	ug/m3	ND< 0.28	ug/m3	U
1,2-Dichloropropane	78-87-5	0.25	0.25	ug/m3	ND< 0.32	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	0.25	1.2	ug/m3	ND< 0.49	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	0.6	6.5	ug/m3	ND< 0.34	ug/m3	U
1,3-Butadiene	106-99-0	NE	NE		ND< 0.47	ug/m3	U
1,3-Dichlorobenzene	541-73-1	0.25	0.9	ug/m3	ND< 0.42	ug/m3	U
1,3-Dichloropropane	142-28-9	NE	NE		ND< 0.32	ug/m3	U
1,4-Dichlorobenzene	106-46-7	0.25	2.6	ug/m3	ND< 0.42	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE		ND< 0.51	ug/m3	U
2-Hexanone	591-78-6	0.3	5.3	ug/m3	ND< 0.57	ug/m3	U
4-Ethyltoluene	622-96-8	2.1	29	ug/m3	0.76	ug/m3	
Acetone	67-64-1	21	140	ug/m3	22	ug/m3	
Acrylonitrile	107-13-1	NE	NE		ND< 0.15	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE		ND< 1.1	ug/m3	U
Benzene	71-43-2	2.1	29	ug/m3	1.6	ug/m3	
Benzyl Chloride	100-44-7	NE	NE		ND< 0.36	ug/m3	U
Bromodichloromethane	75-27-4	NE	NE		ND< 0.47	ug/m3	U
Bromoform	75-25-2	NE	NE		ND< 0.72	ug/m3	U
Bromomethane	74-83-9	0.25	0.9	ug/m3	ND< 0.27	ug/m3	U
Carbon Disulfide	75-15-0	NE	NE		ND< 0.22	ug/m3	U
Carbon Tetrachloride	56-23-5	0.25	1.1	ug/m3	0.75	ug/m3	
Chlorobenzene	108-90-7	0.25	0.25	ug/m3	ND< 0.32	ug/m3	U
Chloroethane	75-00-3	0.25	0.6	ug/m3	ND< 0.18	ug/m3	U
Chloroform	67-66-3	0.25	4.6	ug/m3	ND< 0.34	ug/m3	U
Chloromethane	74-87-3	0.5	0.6	ug/m3	1.3	ug/m3	
Cis-1,2-Dichloroethylene	156-59-2	0.25	1.2	ug/m3	ND< 0.069	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	0.25	0.25	ug/m3	ND< 0.32	ug/m3	U
Cyclohexane	110-82-7	0.8	19	ug/m3	0.39	ug/m3	
Dibromochloromethane	124-48-1	NE	NE		ND< 0.60	ug/m3	U
Dichlorodifluoromethane	75-71-8	0.25	26	ug/m3	2.5	ug/m3	
Ethyl Acetate	141-78-6	NE	NE		2.2	ug/m3	
Ethylbenzene	100-41-4	1	13	ug/m3	1.2	ug/m3	
Hexachlorobutadiene	87-68-3	0.25	11	ug/m3	ND< 0.75	ug/m3	U
Isopropanol	67-63-0	NE	NE		340	ug/m3	E
Methyl Ethyl Ketone (2-Butanone)	78-93-3	3.4	39	ug/m3	1.4	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	0.3	5.3	ug/m3	1.1	ug/m3	
Methyl Methacrylate	80-62-6	NE	NE		ND< 0.29	ug/m3	U
Methylene Chloride	75-09-2	1.4	45	ug/m3	1.2	ug/m3	
M-P-Xylene	136777-61-2	NE	NE		4.2	ug/m3	
N-Heptane	142-82-5	2.8	33	ug/m3	1.1	ug/m3	
N-Hexane	110-54-3	1.6	35	ug/m3	2.6	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	1.1	13	ug/m3	1.3	ug/m3	
Propylene	115-07-1	NE	NE		ND< 0.12	ug/m3	U
Styrene	100-42-5	0.3	2.3	ug/m3	0.39	ug/m3	
Tert-Butyl Methyl Ether	1634-04-4	0.8	71	ug/m3	ND< 0.25	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	0.3	4.1	ug/m3	2.7	ug/m3	
Tetrahydrofuran	109-99-9	0.25	9.4	ug/m3	ND< 0.41	ug/m3	U
Toluene	108-88-3	9.6	110	ug/m3	7.7	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	NE	NE		ND< 0.28	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	0.25	0.25	ug/m3	ND< 0.32	ug/m3	U
Trichloroethylene (TCE)	79-01-6	0.25	0.8	ug/m3	0.15	ug/m3	
Trichlorofluoromethane	75-69-4	NE	NE		1.8	ug/m3	
Vinyl Acetate	108-05-4	NE	NE		ND< 0.25	ug/m3	U
Vinyl Bromide	593-60-2	NE	NE		ND< 0.31	ug/m3	U
Vinyl Chloride	75-01-4	0.25	0.25	ug/m3	ND< 0.090	ug/m3	U

Notes:

Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2006 Median Concentration and 95th Percentile Concentrations;
 Respective shading indicated above displays values exceeding respective actions;
 NE = No standard established;
 MDL = Method Detection Limit; &
 ND and U = Not detected at MDL for sample.

Table 8 - VOCs in Ambient Indoor Air Samples
 Compared to NYSDOH Table 3.1 Values
 24-42 Johnes Street, Newburgh, NY
 PVE #561295

Date Sampled Location Sample ID				12/21/2020 AI-1 AI-1 20201221		
Analyte	CAS RN	TABLE 3.1 AMBIENT AIR GUIDELINES*	IMMEDIATE ACTION LEVELS*	Unit	Result	Unit Q
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE		ND< 0.48	ug/m3 U
1,1,1-Trichloroethane (TCA)	71-55-6	NE	NE		ND< 0.38	ug/m3 U
1,1,2,2-Tetrachloroethane	79-34-5	NE	NE		ND< 0.48	ug/m3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE		0.75	ug/m3
1,1,2-Trichloroethane	79-00-5	NE	NE		ND< 0.38	ug/m3 U
1,1-Dichloroethane	75-34-3	NE	NE		ND< 0.28	ug/m3 U
1,1-Dichloroethene	75-35-4	NE	NE		ND< 0.069	ug/m3 U
1,2,4-Trichlorobenzene	120-82-1	NE	NE		ND< 0.52	ug/m3 U
1,2,4-Trimethylbenzene	95-63-6	NE	NE		0.83	ug/m3
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE		ND< 0.54	ug/m3 U
1,2-Dichlorobenzene	95-50-1	NE	NE		ND< 0.42	ug/m3 U
1,2-Dichloroethane	107-06-2	NE	NE		ND< 0.28	ug/m3 U
1,2-Dichloropropane	78-87-5	NE	NE		ND< 0.32	ug/m3 U
1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE		ND< 0.49	ug/m3 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NE	NE		ND< 0.34	ug/m3 U
1,3-Butadiene	106-99-0	NE	NE		ND< 0.47	ug/m3 U
1,3-Dichlorobenzene	541-73-1	NE	NE		ND< 0.42	ug/m3 U
1,3-Dichloropropane	142-28-9	NE	NE		ND< 0.32	ug/m3 U
1,4-Dichlorobenzene	106-46-7	NE	NE		ND< 0.42	ug/m3 U
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE		ND< 0.51	ug/m3 U
2-Hexanone	591-78-6	NE	NE		ND< 0.57	ug/m3 U
4-Ethyltoluene	622-96-8	NE	NE		0.76	ug/m3
Acetone	67-64-1	NE	NE		22	ug/m3
Acrylonitrile	107-13-1	NE	NE		ND< 0.15	ug/m3 U
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE		ND< 1.1	ug/m3 U
Benzene	71-43-2	NE	NE		1.6	ug/m3
Benzyl Chloride	100-44-7	NE	NE		ND< 0.36	ug/m3 U
Bromodichloromethane	75-27-4	NE	NE		ND< 0.47	ug/m3 U
Bromoform	75-25-2	NE	NE		ND< 0.72	ug/m3 U
Bromomethane	74-83-9	NE	NE		ND< 0.27	ug/m3 U
Carbon Disulfide	75-15-0	NE	NE		ND< 0.22	ug/m3 U
Carbon Tetrachloride	56-23-5	NE	NE		0.75	ug/m3
Chlorobenzene	108-90-7	NE	NE		ND< 0.32	ug/m3 U
Chloroethane	75-00-3	NE	NE		ND< 0.18	ug/m3 U
Chloroform	67-66-3	NE	NE		ND< 0.34	ug/m3 U
Chloromethane	74-87-3	NE	NE		1.3	ug/m3
Cis-1,2-Dichloroethylene	156-59-2	NE	NE		ND< 0.069	ug/m3 U
Cis-1,3-Dichloropropene	10061-01-5	NE	NE		ND< 0.32	ug/m3 U
Cyclohexane	110-82-7	NE	NE		0.39	ug/m3
Dibromochloromethane	124-48-1	NE	NE		ND< 0.60	ug/m3 U
Dichlorodifluoromethane	75-71-8	NE	NE		2.5	ug/m3
Ethyl Acetate	141-78-6	NE	NE		2.2	ug/m3
Ethylbenzene	100-41-4	NE	NE		1.2	ug/m3
Hexachlorobutadiene	87-68-3	NE	NE		ND< 0.75	ug/m3 U
Isopropanol	67-63-0	NE	NE		340	ug/m3 E
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE		1.4	ug/m3
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE		1.1	ug/m3
Methyl Methacrylate	80-62-6	NE	NE		ND< 0.29	ug/m3 U
Methylene Chloride	75-09-2	60	NE	ug/m3	1.2	ug/m3
M-P-Xylene	136777-61-2	NE	NE		4.2	ug/m3
N-Heptane	142-82-5	NE	NE		1.1	ug/m3
N-Hexane	110-54-3	NE	NE		2.6	ug/m3
O-Xylene (1,2-Dimethylbenzene)	95-47-6	NE	NE		1.3	ug/m3
Propylene	115-07-1	NE	NE		ND< 0.12	ug/m3 U
Styrene	100-42-5	NE	NE		0.39	ug/m3
Tert-Butyl Methyl Ether	1634-04-4	NE	NE		ND< 0.25	ug/m3 U
Tetrachloroethylene (PCE)	127-18-4	30	300	ug/m3	2.7	ug/m3
Tetrahydrofuran	109-99-9	NE	NE		ND< 0.41	ug/m3 U
Toluene	108-88-3	NE	NE		7.7	ug/m3
Trans-1,2-Dichloroethene	156-60-5	NE	NE		ND< 0.28	ug/m3 U
Trans-1,3-Dichloropropene	10061-02-6	NE	NE		ND< 0.32	ug/m3 U
Trichloroethylene (TCE)	79-01-6	2	20	ug/m3	0.15	ug/m3
Trichlorofluoromethane	75-69-4	NE	NE		1.8	ug/m3
Vinyl Acetate	108-05-4	NE	NE		ND< 0.25	ug/m3 U
Vinyl Bromide	593-60-2	NE	NE		ND< 0.31	ug/m3 U
Vinyl Chloride	75-01-4	NE	NE		ND< 0.090	ug/m3 U

Notes:

Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2006 Table 3.1 Air Guidance Values for Indoor Air;
 * - 2013 and 2015 updates to PCE & TCE ambient air guidelines and immediate action levels;
 All concentrations are in ug/m3 unless otherwise indicated;
 Bold highlighted text and shading indicates values exceeding respective actions;
 NE = No standard established; &
 ND and U = Not detected at MDL for sample.

Table 9 - VOCs in Sub-Slab Vapor Samples
Compared to NYSDOH Decision Matrices
24-42 Johnes Street, Newburgh, NY
PVE #561295

Analyte	CAS RN	NFA	IDENTIFY SOURCE & RESAMPLE OR MITIGATE	Unit	Date Sampled Location Sample ID			12/21/2020 SSV-1 SSV-1 20201221			12/21/2020 SSV-2* SSV-2 20201221			12/21/2020 SSV-3 SSV-3 20201221		
								Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE					ND< 0.90	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.90	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	100 - 1,000	>1,000	ug/m3				ND< 0.71	ug/m3	U	ND< 0.93	ug/m3	U	ND< 0.72	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	NE	NE					2.9	ug/m3		ND< 1.2	ug/m3	U	3.3	ug/m3	
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE					ND< 1.0	ug/m3	U	ND< 1.3	ug/m3	U	ND< 1.0	ug/m3	U
1,1,2-Trichloroethane	79-00-5	NE	NE					ND< 0.71	ug/m3	U	ND< 0.93	ug/m3	U	0.79	ug/m3	
1,1-Dichloroethane	75-34-3	NE	NE					ND< 0.53	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.53	ug/m3	U
1,1-Dichloroethene	75-35-4	6 - 60	>60	ug/m3				ND< 0.13	ug/m3	U	ND< 0.17	ug/m3	U	ND< 0.13	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	NE	NE					ND< 0.97	ug/m3	U	ND< 1.3	ug/m3	U	ND< 0.98	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	NE	NE					13	ug/m3		22	ug/m3		13	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE					ND< 1.0	ug/m3	U	ND< 1.3	ug/m3	U	ND< 1.0	ug/m3	U
1,2-Dichlorobenzene	95-50-1	NE	NE					ND< 0.79	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.79	ug/m3	U
1,2-Dichloroethane	107-06-2	NE	NE					ND< 0.53	ug/m3	U	ND< 0.69	ug/m3	U	ND< 0.53	ug/m3	U
1,2-Dichloropropane	78-87-5	NE	NE					ND< 0.60	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.61	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE					ND< 0.91	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.92	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NE	NE					3.3	ug/m3		6.0	ug/m3		3.4	ug/m3	
1,3-Butadiene	106-99-0	NE	NE					ND< 0.87	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.87	ug/m3	U
1,3-Dichlorobenzene	541-73-1	NE	NE					ND< 0.79	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.79	ug/m3	U
1,3-Dichloropropane	142-28-9	NE	NE					ND< 0.60	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.61	ug/m3	U
1,4-Dichlorobenzene	106-46-7	NE	NE					ND< 0.79	ug/m3	U	ND< 1.0	ug/m3	U	ND< 0.79	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE					ND< 0.94	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.95	ug/m3	U
2-Hexanone	591-78-6	NE	NE					ND< 1.1	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.1	ug/m3	U
4-Ethyltoluene	622-96-8	NE	NE					11	ug/m3		19	ug/m3		11	ug/m3	
Acetone	67-64-1	NE	NE					15	ug/m3		73	ug/m3		22	ug/m3	
Acrylonitrile	107-13-1	NE	NE					ND< 0.28	ug/m3	U	ND< 0.37	ug/m3	U	ND< 0.29	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE					ND< 2.0	ug/m3	U	ND< 2.7	ug/m3	U	ND< 2.1	ug/m3	U
Benzene	71-43-2	NE	NE					0.79	ug/m3		22	ug/m3		1.7	ug/m3	
Benzyl Chloride	100-44-7	NE	NE					23	ug/m3		ND< 0.89	ug/m3	U	22	ug/m3	
Bromodichloromethane	75-27-4	NE	NE					ND< 0.88	ug/m3	U	ND< 1.1	ug/m3	U	ND< 0.88	ug/m3	U
Bromoform	75-25-2	NE	NE					ND< 1.4	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.4	ug/m3	U
Bromomethane	74-83-9	NE	NE					ND< 0.51	ug/m3	U	ND< 0.66	ug/m3	U	ND< 0.51	ug/m3	U
Carbon Disulfide	75-15-0	NE	NE					ND< 0.41	ug/m3	U	1.2	ug/m3		0.70	ug/m3	
Carbon Tetrachloride	56-23-5	6 - 60	>60	ug/m3				0.49	ug/m3		ND< 0.27	ug/m3	U	0.50	ug/m3	
Chlorobenzene	108-90-7	NE	NE					ND< 0.60	ug/m3	U	ND< 0.79	ug/m3	U	ND< 0.61	ug/m3	U
Chloroethane	75-00-3	NE	NE					ND< 0.34	ug/m3	U	ND< 0.45	ug/m3	U	ND< 0.35	ug/m3	U
Chloroform	67-66-3	NE	NE					ND< 0.64	ug/m3	U	ND< 0.84	ug/m3	U	ND< 0.64	ug/m3	U
Chloromethane	74-87-3	NE	NE					ND< 0.27	ug/m3	U	ND< 0.35	ug/m3	U	ND< 0.27	ug/m3	U
Cis-1,2-Dichloroethylene	156-59-2	6 - 60	>60	ug/m3				ND< 0.13	ug/m3	U	0.20	ug/m3		0.16	ug/m3	
Cis-1,3-Dichloropropene	10061-01-5	NE	NE					ND< 0.59	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.60	ug/m3	U
Cyclohexane	110-82-7	NE	NE					ND< 0.45	ug/m3	U	1.1	ug/m3		0.63	ug/m3	
Dibromochloromethane	124-48-1	NE	NE					ND< 1.1	ug/m3	U	ND< 1.5	ug/m3	U	ND< 1.1	ug/m3	U
Dichlorodifluoromethane	75-71-8	NE	NE					2.4	ug/m3		2.4	ug/m3		2.3	ug/m3	
Ethyl Acetate	141-78-6	NE	NE					ND< 0.94	ug/m3	U	ND< 1.2	ug/m3	U	ND< 0.95	ug/m3	U
Ethylbenzene	100-41-4	NE	NE					4.0	ug/m3		8.1	ug/m3		5.5	ug/m3	
Hexachlorobutadiene	87-68-3	NE	NE					ND< 1.4	ug/m3	U	ND< 1.8	ug/m3	U	ND< 1.4	ug/m3	U
Isopropanol	67-63-0	NE	NE					5.2	ug/m3		3.9	ug/m3		11	ug/m3	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE					1.5	ug/m3		3.2	ug/m3		1.4	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE					0.75	ug/m3		ND< 0.70	ug/m3	U	1.1	ug/m3	
Methyl Methacrylate	80-62-6	NE	NE					ND< 0.54	ug/m3	U	ND< 0.70	ug/m3	U	ND< 0.54	ug/m3	U
Methylene Chloride	75-09-2	100 - 1,000	>1,000	ug/m3				ND< 0.91	ug/m3	U	ND< 1.2	ug/m3	U	2.2	ug/m3	
M-P-Xylene	136777-61-2	NE	NE					18	ug/m3		34	ug/m3		24	ug/m3	
N-Heptane	142-82-5	NE	NE					1.4	ug/m3		3.7	ug/m3		2.4	ug/m3	
N-Hexane	110-54-3	NE	NE					0.92	ug/m3		3.2	ug/m3		1.9	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	NE	NE					6.5	ug/m3		13	ug/m3		8.4	ug/m3	
Propylene	115-07-1	NE	NE					0.76	ug/m3		ND< 0.29	ug/m3	U	3.7	ug/m3	
Styrene	100-42-5	NE	NE					ND< 0.56	ug/m3	U	1.8	ug/m3		ND< 0.56	ug/m3	U
Tert-Butyl Methyl Ether	1634-04-4	NE	NE					ND< 0.47	ug/m3	U	ND< 0.62	ug/m3	U	ND< 0.47	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	100 - 1,000	>1,000	ug/m3				ND< 0.89	ug/m3	U	ND< 1.2	ug/m3	U	1.2	ug/m3	
Tetrahydrofuran	109-99-9	NE	NE					1.2	ug/m3		4.4	ug/m3		1.7	ug/m3	
Toluene	108-88-3	NE	NE					9.0	ug/m3		21	ug/m3		12	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	NE	NE					ND< 0.52	ug/m3	U	ND< 0.68	ug/m3	U	ND< 0.52	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	NE	NE					ND< 0.59	ug/m3	U	ND< 0.78	ug/m3	U	ND< 0.60	ug/m3	U
Trichloroethylene (TCE)	79-01-6	6 - 60	>60	ug/m3				ND< 0.18	ug/m3	U	ND< 0.23	ug/m3	U	ND< 0.18	ug/m3	U
Trichlorofluoromethane	75-69-4	NE	NE					1.5	ug/m3		1.4	ug/m3		1.4	ug/m3	
Vinyl Acetate	108-05-4	NE	NE					ND< 0.46	ug/m3	U	ND< 0.60	ug/m3	U	0.70	ug/m3	
Vinyl Bromide	593-60-2	NE	NE					ND< 0.57	ug/m3	U	ND< 0.75	ug/m3	U	ND< 0.58	ug/m3	U
Vinyl Chloride	75-01-4	6 - 60	>60	ug/m3				ND< 0.17	ug/m3	U	ND< 0.22	ug/m3	U	ND< 0.17	ug/m3	U

Notes:
Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2017 Revised Decision Matrices A, B & C;
Respective shading indicated above displays values exceeding respective actions;
* - SSV-2 compared to co-located AI-1 to confirm actions;
NFA = No Further Action;
NE = No standard established;
MDL = Method Detection Limit; &
ND and U = Not detected at MDL for sample.

BORING LOGS



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845.454.2544

BORING NUMBER SB-1

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

561295 DATE STARTED COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR HyrdroEnviromentalSolutions Inc.

GROUND WATER LEVELS:

DRILLING METHOD Direct Push via GeoProbe 54DT

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
				Gravel driveway.	
				0.5	
		CL		(CL) Light brown to brown, clay, some silt.	
				2.0	
2.5				(ML) Light brown to brown, silt, some clay.	
		ML			PID = 2.6
5.0	GB SB-1 (4'-6')				PID = 2.6
				6.0	PID = 2.6
				(CL) Brown, clay, some silt, some gravel.	
7.5		CL			
10.0					
				10.0	

Refusal at 10.0 feet.
Bottom of borehole at 10.0 feet.



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48 Springside Avenue
Poughkeepsie, NY
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BORING NUMBER SB-2

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CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER 561295

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

DATE STARTED 12/21/20

COMPLETED 12/21/20

GROUND ELEVATION _____ HOLE SIZE 2.5 inches

DRILLING CONTRACTOR PVE Engineering

GROUND WATER LEVELS:

DRILLING METHOD Hand Tools (Auger)

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Concrete slab.	
0.5					
	GB SB-2 (0-1')			(ML) Brown, silt and clay, rock fragments.	
1		ML			PID = 0
1.0					

Refusal at 1.0 feet.
Bottom of borehole at 1.0 feet.



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Poughkeepsie, NY
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BORING NUMBER SB-3

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

561295 DATE STARTED COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR HyrdroEnviromentalSolutions Inc.

GROUND WATER LEVELS:

DRILLING METHOD Direct Push via GeoProbe 54DT

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

▼ AFTER DRILLING 9.65 ft

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Asphalt.	
				(Fill) Brown, fine sand, some silt, some gravel, little clay, brick, coal ash.	
2.5					
	GB SB-3 (2-3.5')				
3.5					
				(CL) Light brown, clay, some silt, moist.	
5.0					
7.5					
10.0					
10.5					

Refusal at 10.5 feet.
Bottom of borehole at 10.5 feet.

PID = 2.2



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Poughkeepsie, NY
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BORING NUMBER SB-4

PAGE 1 OF 1

CLIENT	Shaw Building, LP	PROJECT NAME	Phase II ESA
PROJECT NUMBER	561295	PROJECT LOCATION	24-42 Johnes Street, Newburgh, NY
DATE STARTED	12/21/20	COMPLETED	12/21/20
DRILLING CONTRACTOR	PVE Engineering	GROUND ELEVATION	
DRILLING METHOD	Hand Tools (Auger)	HOLE SIZE	2.5 inches
LOGGED BY	Anthony Spadavecchia	CHECKED BY	SMA
NOTES	40°F, partly sunny		
GROUND WATER LEVELS:		AT TIME OF DRILLING ---	
		AT END OF DRILLING ---	
		AFTER DRILLING ---	

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Concrete slab.	
0.5				(ML) Brown, silt and clay, some gravel.	
1					
2					
3	GB SB-4 (2-3')	ML		Refusal at 3.0 feet. Bottom of borehole at 3.0 feet.	PID = 2.9



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Poughkeepsie, NY
Telephone: 845.454.2544

BORING NUMBER SB-5

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

561295 DATE STARTED COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR HyrdroEnviromentalSolutions Inc.

GROUND WATER LEVELS:

DRILLING METHOD Direct Push via GeoProbe 54DT

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

▼ AFTER DRILLING 15.64 ft

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Gravel driveway,	
				(Fill) Black, fine and medium sand, some gravel, comingled brick and coal ash.	
1.0				(CL) Brown, clay, some silt, some gravel, rock fragments, moist.	
2.5					
5.0					
7.5					
10.0					
12.5					
15.0					PID = 2.7
16.0	GB SB-5 (14-16')				PID = 2.7

Bottom of borehole at 16.0 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845.454.2544

BORING NUMBER SB-6

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER 561295

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

DATE STARTED 12/21/20

COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR PVE Engineering

GROUND WATER LEVELS:

DRILLING METHOD Hand Tools (Auger)

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia

CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Stone.	
0.5				(SM) Brown, fine sand, some gravel, little silt.	
1					
2		SM			
2.5				(SC) Brown, fine sand, some clay, some silt.	
3		SC			
3.0				(CL) Brown, clay, some silt, little sand.	
4	GB SB-6 (3-4')	CL			PID = 2.1
4.0				Refusal at 4.0 feet. Bottom of borehole at 4.0 feet.	



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845.454.2544

BORING NUMBER SB-7

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

561295 DATE STARTED COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR HyrdroEnviromentalSolutions Inc.

GROUND WATER LEVELS:

DRILLING METHOD Direct Push via GeoProbe 54DT

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

▼ AFTER DRILLING 10.65 ft

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Gravel driveway.	
				(Fill) Brown, fine sand, some silt, some gravel, comingled coal ash and brick.	
2.5	GB SB-7 (2-3')				PID = 2.6
3.0					
		SM		(SM) Brown, fine sand, some silt, little clay, moist.	
4.0					
		CL		(CL) Brown, clay, some silt, little gravel, moist.	
5.0					
7.5					
10.0					
11.0				Crushed rock fragments	
11.5					

Refusal at 11.5 feet.
Bottom of borehole at 11.5 feet.



PVE Engineering
48 Springside Avenue
Poughkeepsie, NY
Telephone: 845.454.2544

BORING NUMBER SB-8

PAGE 1 OF 1

CLIENT Shaw Building, LP

PROJECT NAME Phase II ESA

PROJECT NUMBER

PROJECT LOCATION 24-42 Johnes Street, Newburgh, NY

561295 DATE STARTED COMPLETED 12/21/20

GROUND ELEVATION HOLE SIZE 2.5 inches

DRILLING CONTRACTOR HyrdroEnviromentalSolutions Inc.

GROUND WATER LEVELS:

DRILLING METHOD Direct Push via GeoProbe 54DT

AT TIME OF DRILLING ---

LOGGED BY Anthony Spadavecchia CHECKED BY SMA

AT END OF DRILLING ---

NOTES 40°F, partly sunny

AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 12/28/20 06:48 - Z:\561295 - 24-42 JOHNES STREET, CITY OF NEWBURGH, ORANGE COUNTY, NY\PHASE II\SOIL BORING LOGS\24-42 JOHNES STREET.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
				0.3 Gravel driveway.	
				0.5 (Fill) Dark brown, sand, some silt, comingled coal ash and brick. (SM) Brown, sand, some silt, some clay.	
2.5		SM			
				4.5 (CL) Light brown, clay, some silt, moist.	
5.0					
		CL			
7.5					
10.0					
12.5	GB SB-8 (11.5-12.5')			Refusal at 12.5 feet. Bottom of borehole at 12.5 feet.	PID = 2.8

ANALYTICAL



Technical Report

prepared for:

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

Report Date: 12/24/2020
Client Project ID: 561295
York Project (SDG) No.: 20L1031

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
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/24/2020
Client Project ID: 561295
York Project (SDG) No.: 20L1031

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 December 21, 2020 with a temperature of 2.4 C. The project was identified as your project: **561295**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20L1031-01	SB-1 4-6 20201221	Soil	12/21/2020	12/21/2020
20L1031-02	SB-7 2-3 20201221	Soil	12/21/2020	12/21/2020
20L1031-03	SB-6 3-4 20201221	Soil	12/21/2020	12/21/2020
20L1031-04	SB-8 11.5-12.5 20201221	Soil	12/21/2020	12/21/2020
20L1031-05	SB-5 14-16 20201221	Soil	12/21/2020	12/21/2020
20L1031-06	SB-3 2-3.5 20201221	Soil	12/21/2020	12/21/2020
20L1031-07	SB-2 0-1 20201221	Soil	12/21/2020	12/21/2020
20L1031-08	SB-4 2-3 20201221	Soil	12/21/2020	12/21/2020
20L1031-09	TMW-1 20201221	Water	12/21/2020	12/21/2020
20L1031-10	TMW-2 20201221	Water	12/21/2020	12/21/2020
20L1031-11	TMW-3 20201221	Water	12/21/2020	12/21/2020

General Notes for York Project (SDG) No.: 20L1031

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:



Benjamin Gulizia
Laboratory Director

Date: 12/24/2020





Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:40 am

12/21/2020

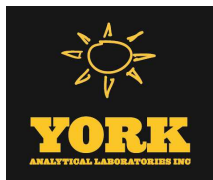
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 14:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS



Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:40 am

12/21/2020

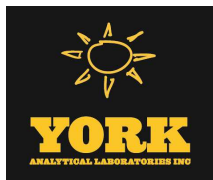
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
67-64-1	Acetone	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
107-02-8	Acrolein	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS



Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:40 am

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 14:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 14:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	31	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 14:47	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS



Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.

20L1031

Client Project ID

561295

Matrix

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Collection Date/Time

December 21, 2020 9:40 am

Date Received

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 14:47	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 14:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.1 %	76-130								

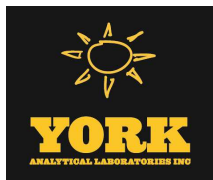
Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
120-12-7	Anthracene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
218-01-9	Chrysene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd



Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
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Collection Date/Time
December 21, 2020 9:40 am

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
86-73-7	Fluorene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
91-20-3	Naphthalene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
85-01-8	Phenanthrene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
129-00-0	Pyrene	ND		ug/kg dry	76	150	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:22	cd
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.0 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.4 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.39		mg/kg dry	1.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7440-39-3	Barium	81.0		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.373	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7440-47-3	Chromium	18.8		mg/kg dry	0.622	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7439-92-1	Lead	11.7		mg/kg dry	0.622	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM
7440-22-4	Silver	ND		mg/kg dry	0.622	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:54	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0373	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 04:16	BML



Sample Information

Client Sample ID: SB-1 4-6 20201221

York Sample ID: 20L1031-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:40 am

12/21/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.4		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 10:05 am

12/21/2020

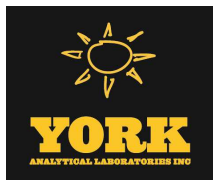
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 15:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS



Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 10:05 am

12/21/2020

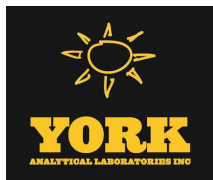
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS



Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 10:05 am

12/21/2020

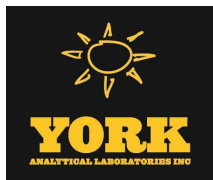
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 15:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 15:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS



Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 10:05 am

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 15:12	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.4 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	280		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
208-96-8	Acenaphthylene	ND		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
120-12-7	Anthracene	1100		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd



Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 10:05 am

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	3100		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
50-32-8	Benzo(a)pyrene	2300		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
205-99-2	Benzo(b)fluoranthene	2000		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
191-24-2	Benzo(g,h,i)perylene	1300		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
207-08-9	Benzo(k)fluoranthene	2000		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
218-01-9	Chrysene	2800		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
53-70-3	Dibenzo(a,h)anthracene	320		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
206-44-0	Fluoranthene	6300		ug/kg dry	130	260	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/23/2020 09:33	CD
86-73-7	Fluorene	260		ug/kg dry	53	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
193-39-5	Indeno(1,2,3-cd)pyrene	1100		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
91-20-3	Naphthalene	ND		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
85-01-8	Phenanthrene	3300		ug/kg dry	53	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 20:53	cd
129-00-0	Pyrene	5000		ug/kg dry	130	260	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/23/2020 09:33	CD
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.8 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.4 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.82		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM
7440-39-3	Barium	123		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.382	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM
7440-47-3	Chromium	17.4		mg/kg dry	0.637	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM



Sample Information

Client Sample ID: SB-7 2-3 20201221

York Sample ID: 20L1031-02

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 10:05 am

Date Received
12/21/2020

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	268		mg/kg dry	0.637	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM
7440-22-4	Silver	ND		mg/kg dry	0.637	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 16:57	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.23		mg/kg dry	0.0382	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 04:25	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 9:50 am

Date Received
12/21/2020

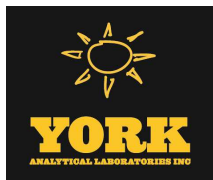
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS



Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:50 am

12/21/2020

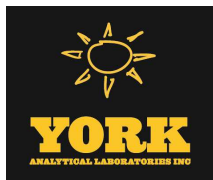
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
67-64-1	Acetone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS



Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:50 am

12/21/2020

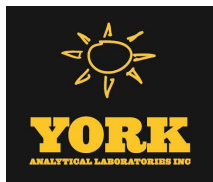
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS



Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.

20L1031

Client Project ID

561295

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Collection Date/Time

December 21, 2020 9:50 am

Date Received

12/21/2020

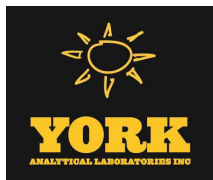
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 15:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 15:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 15:38	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 15:38	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 15:38	SS



Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 9:50 am

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	12/22/2020 09:03	12/22/2020 15:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	91.5 %			76-130						

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	130		ug/kg dry	50	100	2	EPA 8270D	12/22/2020 07:51	12/22/2020 21:24	cd
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SB-6 3-4 20201221

York Sample ID: 20L1031-03

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 9:50 am

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	120		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 21:24	cd
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	79.2 %		22-108							
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.6 %		21-113							
1718-51-0	Surrogate: SURRE: Terphenyl-d14	77.9 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.80		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7440-39-3	Barium	82.6		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7440-47-3	Chromium	22.8		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7439-92-1	Lead	13.0		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:00	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0365	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 04:34	BML

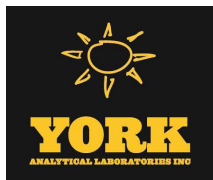
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH



Sample Information

Client Sample ID: SB-8 11.5-12.5 20201221

York Sample ID: 20L1031-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 10:55 am

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 16:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	69	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS



Sample Information

Client Sample ID: SB-8 11.5-12.5 20201221

York Sample ID: 20L1031-04

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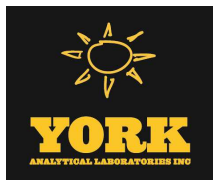
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
67-64-1	Acetone	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
107-02-8	Acrolein	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
71-43-2	Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS



Sample Information

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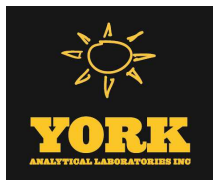
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
100-42-5	Styrene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
108-88-3	Toluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS



Sample Information

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 16:03	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:03	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	114 %		77-125							
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %		85-120							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	91.3 %		76-130							

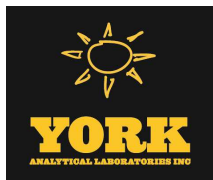
Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
120-12-7	Anthracene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
56-55-3	Benzo(a)anthracene	160		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
50-32-8	Benzo(a)pyrene	140		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
205-99-2	Benzo(b)fluoranthene	240		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
191-24-2	Benzo(g,h,i)perylene	97		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
207-08-9	Benzo(k)fluoranthene	110		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
218-01-9	Chrysene	160		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
53-70-3	Dibenzo(a,h)anthracene	48	J	ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
206-44-0	Fluoranthene	300		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH



Sample Information

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Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	110		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
91-20-3	Naphthalene	56	J	ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
85-01-8	Phenanthrene	140		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
129-00-0	Pyrene	230		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 16:47	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	59.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.9 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.2 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.40		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7440-39-3	Barium	106		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7440-47-3	Chromium	27.3		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7439-92-1	Lead	30.5		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:03	WJM

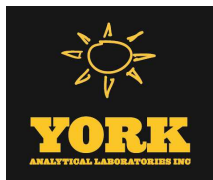
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0349	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 04:43	BML



Sample Information

Client Sample ID: SB-8 11.5-12.5 20201221

York Sample ID: 20L1031-04

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 10:55 am

Date Received
12/21/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 12:00 pm

Date Received
12/21/2020

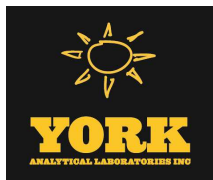
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 16:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS



Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 12:00 pm

12/21/2020

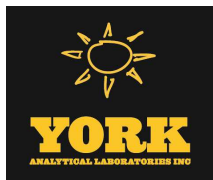
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
67-64-1	Acetone	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS



Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 12:00 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS



Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.

20L1031

Client Project ID

561295

Matrix

Soil

Collection Date/Time

December 21, 2020 12:00 pm

Date Received

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:29	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 16:29	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:29	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.0 %	76-130								

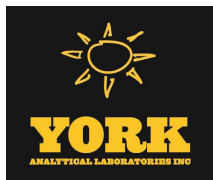
Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
120-12-7	Anthracene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH



Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 12:00 pm

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
218-01-9	Chrysene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
86-73-7	Fluorene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
91-20-3	Naphthalene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
129-00-0	Pyrene	ND		ug/kg dry	45	90	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:21	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	47.8 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.2 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.68		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM
7440-39-3	Barium	105		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM



Sample Information

Client Sample ID: SB-5 14-16 20201221

York Sample ID: 20L1031-05

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 12:00 pm

Date Received
12/21/2020

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	23.5		mg/kg dry	0.557	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM
7439-92-1	Lead	10.1		mg/kg dry	0.557	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:06	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 04:52	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 12:45 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS



Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.

20L1031

Client Project ID

561295

Matrix

Soil

Collection Date/Time

December 21, 2020 12:45 pm

Date Received

12/21/2020

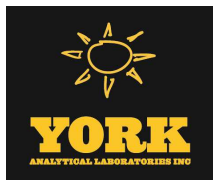
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 16:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
67-64-1	Acetone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS



Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

20L1031

561295

Soil

December 21, 2020 12:45 pm

12/21/2020

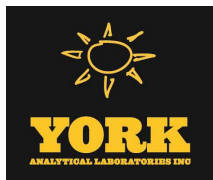
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS



Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.

Client Project ID

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20L1031

561295

Soil

December 21, 2020 12:45 pm

12/21/2020

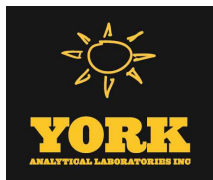
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 16:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 16:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 16:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS



Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 12:45 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 16:54	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	103 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.0 %		76-130							

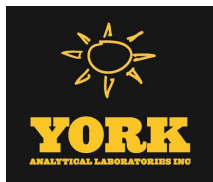
Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	73	J	ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
208-96-8	Acenaphthylene	180		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
120-12-7	Anthracene	310		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
56-55-3	Benzo(a)anthracene	900		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
50-32-8	Benzo(a)pyrene	850		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
205-99-2	Benzo(b)fluoranthene	1300		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
191-24-2	Benzo(g,h,i)perylene	640		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
207-08-9	Benzo(k)fluoranthene	910		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
218-01-9	Chrysene	990		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
53-70-3	Dibenzo(a,h)anthracene	270		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
206-44-0	Fluoranthene	2200		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
86-73-7	Fluorene	90	J	ug/kg dry	50	99	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	550		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
91-20-3	Naphthalene	73	J	ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
85-01-8	Phenanthrene	1500		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH



Sample Information

Client Sample ID: SB-3 2-3.5 20201221

York Sample ID: 20L1031-06

York Project (SDG) No.

20L1031

Client Project ID

561295

Matrix

Soil

Collection Date/Time

December 21, 2020 12:45 pm

Date Received

12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	1500		ug/kg dry	50	99	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 17:56	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	34.2 %		22-108							
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	32.2 %		21-113							
1718-51-0	Surrogate: SURRE: Terphenyl-d14	40.2 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.79		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7440-39-3	Barium	107		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7440-43-9	Cadmium	0.846		mg/kg dry	0.364	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7440-47-3	Chromium	216		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7439-92-1	Lead	226		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM
7440-22-4	Silver	3.58		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:08	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.124		mg/kg dry	0.0364	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 05:01	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 2:10 pm

12/21/2020

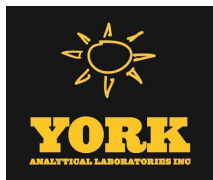
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 17:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 2:10 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
67-64-1	Acetone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 2:10 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 17:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 17:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:19	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 2:10 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 17:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:19	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.3 %			76-130						

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
120-12-7	Anthracene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
56-55-3	Benzo(a)anthracene	82	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
50-32-8	Benzo(a)pyrene	83	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
205-99-2	Benzo(b)fluoranthene	110		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
191-24-2	Benzo(g,h,i)perylene	96	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
207-08-9	Benzo(k)fluoranthene	87	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
218-01-9	Chrysene	79	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
206-44-0	Fluoranthene	130		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 2:10 pm

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	77	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
91-20-3	Naphthalene	78	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
85-01-8	Phenanthrene	58	J	ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
129-00-0	Pyrene	100		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 18:31	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	58.5 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.9 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.7 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.12		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7440-39-3	Barium	128		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7440-43-9	Cadmium	0.367		mg/kg dry	0.352	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7440-47-3	Chromium	26.2		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7439-92-1	Lead	700		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:11	WJM

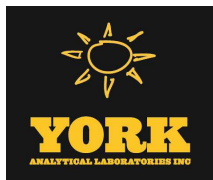
Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0564		mg/kg dry	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 05:29	BML



Sample Information

Client Sample ID: SB-2 0-1 20201221

York Sample ID: 20L1031-07

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 2:10 pm

Date Received
12/21/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 2:15 pm

Date Received
12/21/2020

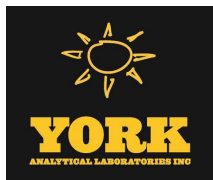
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/22/2020 09:03	12/22/2020 17:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS



Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.

Client Project ID

Matrix

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20L1031

561295

Soil

December 21, 2020 2:15 pm

12/21/2020

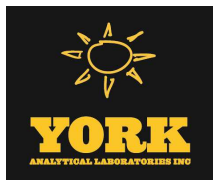
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
67-64-1	Acetone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS



Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Soil

December 21, 2020 2:15 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 17:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 09:03	12/22/2020 17:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS



Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 2:15 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 09:03	12/22/2020 17:45	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH	12/22/2020 09:03	12/22/2020 17:45	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 09:03	12/22/2020 17:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	90.5 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
120-12-7	Anthracene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH



Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
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Collection Date/Time
December 21, 2020 2:15 pm

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
218-01-9	Chrysene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
206-44-0	Fluoranthene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
86-73-7	Fluorene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
91-20-3	Naphthalene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
85-01-8	Phenanthrene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
129-00-0	Pyrene	ND		ug/kg dry	49	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 07:51	12/22/2020 19:05	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.1 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.5 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.4 %	24-116								

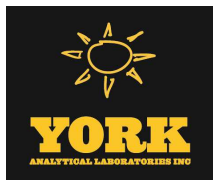
Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.45		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM
7440-39-3	Barium	113		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM



Sample Information

Client Sample ID: SB-4 2-3 20201221

York Sample ID: 20L1031-08

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Soil

Collection Date/Time
December 21, 2020 2:15 pm

Date Received
12/21/2020

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	24.2		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM
7439-92-1	Lead	15.6		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM
7440-22-4	Silver	ND		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 20:00	12/22/2020 17:21	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0772		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 05:38	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/22/2020 09:18	12/22/2020 14:52	ALH

Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 1:20 pm

Date Received
12/21/2020

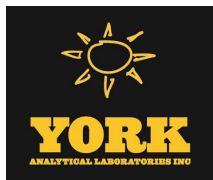
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO



Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 1:20 pm

12/21/2020

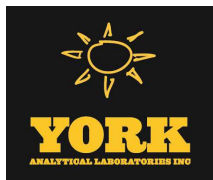
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/22/2020 23:38	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/22/2020 23:38	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/22/2020 23:38	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/22/2020 23:38	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
67-64-1	Acetone	13		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO



Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.

Client Project ID

Matrix

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20L1031

561295

Water

December 21, 2020 1:20 pm

12/21/2020

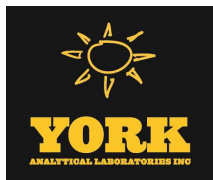
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
71-43-2	Benzene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
100-41-4	Ethyl Benzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO



Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 1:20 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
95-47-6	o-Xylene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/22/2020 23:38	CLO
179601-23-1	p- & m- Xylenes	1.1		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/22/2020 23:38	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/22/2020 23:38	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
108-88-3	Toluene	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO
1330-20-7	Xylenes, Total	1.5		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/22/2020 23:38	CLO



Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

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December 21, 2020 1:20 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.4 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			79-122						

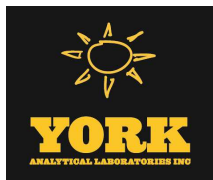
Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.38		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
208-96-8	Acenaphthylene	ND		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
120-12-7	Anthracene	0.23		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
56-55-3	Benzo(a)anthracene	0.17		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
50-32-8	Benzo(a)pyrene	0.17		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
205-99-2	Benzo(b)fluoranthene	0.12		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
191-24-2	Benzo(g,h,i)perylene	0.12		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
207-08-9	Benzo(k)fluoranthene	0.15		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
218-01-9	Chrysene	0.17		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
53-70-3	Dibenzo(a,h)anthracene	0.062		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
206-44-0	Fluoranthene	0.42		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
86-73-7	Fluorene	0.18		ug/L	0.051	0.051	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
193-39-5	Indeno(1,2,3-cd)pyrene	0.10		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
91-20-3	Naphthalene	0.092		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
85-01-8	Phenanthrene	0.50		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
129-00-0	Pyrene	0.39		ug/L	0.051	0.051	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2020 08:02	12/23/2020 15:00	CD
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	77.8 %			50.2-113						



Sample Information

Client Sample ID: TMW-1 20201221

York Sample ID: 20L1031-09

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 1:20 pm

Date Received
12/21/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	60.0 %			39.9-105						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	60.5 %			30.7-106						

Metals, Dissolved - RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.015	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM
7440-39-3	Barium	0.032		mg/L	0.025	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM
7440-47-3	Chromium	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM
7439-92-1	Lead	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM
7782-49-2	* Selenium	0.036		mg/L	0.025	1	EPA 6010D Certifications: CTDOH	12/22/2020 09:45	12/23/2020 12:22	WJM
7440-22-4	Silver	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:22	WJM

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 18:24	12/22/2020 18:24	AA

Sample Information

Client Sample ID: TMW-2 20201221

York Sample ID: 20L1031-10

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 2:30 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
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Sample Information

Client Sample ID: TMW-2 20201221

York Sample ID: 20L1031-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 2:30 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/23/2020 00:04	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/23/2020 00:04	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/23/2020 00:04	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/23/2020 00:04	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO



Sample Information

Client Sample ID: TMW-2 20201221

York Sample ID: 20L1031-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20L1031

561295

Water

December 21, 2020 2:30 pm

12/21/2020

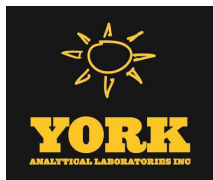
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
67-64-1	Acetone	4.3		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO



Sample Information

Client Sample ID: TMW-2 20201221

York Sample ID: 20L1031-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 2:30 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/23/2020 00:04	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/23/2020 00:04	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:04	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
108-88-3	Toluene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO



Sample Information

Client Sample ID: TMW-2 20201221

York Sample ID: 20L1031-10

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 2:30 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:04	CLO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.5 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %	79-122								

Sample Information

Client Sample ID: TMW-3 20201221

York Sample ID: 20L1031-11

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 2:10 pm

Date Received
12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO



Sample Information

Client Sample ID: TMW-3 20201221

York Sample ID: 20L1031-11

York Project (SDG) No.

Client Project ID

Matrix

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20L1031

561295

Water

December 21, 2020 2:10 pm

12/21/2020

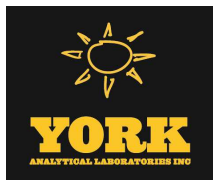
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
67-64-1	Acetone	29		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO



Sample Information

Client Sample ID: TMW-3 20201221

York Sample ID: 20L1031-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 2:10 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
100-41-4	Ethyl Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/22/2020 12:30	12/23/2020 00:31	CLO



Sample Information

Client Sample ID: TMW-3 20201221

York Sample ID: 20L1031-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1031

561295

Water

December 21, 2020 2:10 pm

12/21/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
95-47-6	o-Xylene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/23/2020 00:31	CLO
179601-23-1	p- & m- Xylenes	1.1		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/22/2020 12:30	12/23/2020 00:31	CLO
99-87-6	p-Isopropyltoluene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/22/2020 12:30	12/23/2020 00:31	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
108-88-3	Toluene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
1330-20-7	Xylenes, Total	1.6		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/22/2020 12:30	12/23/2020 00:31	CLO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	79-122								



Sample Information

Client Sample ID: TMW-3 20201221

York Sample ID: 20L1031-11

York Project (SDG) No.
20L1031

Client Project ID
561295

Matrix
Water

Collection Date/Time
December 21, 2020 2:10 pm

Date Received
12/21/2020

Metals, Dissolved - RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.015	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM
7440-39-3	Barium	0.028		mg/L	0.025	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM
7440-47-3	Chromium	0.009		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM
7439-92-1	Lead	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM
7782-49-2	* Selenium	0.025		mg/L	0.025	1	EPA 6010D Certifications: CTDOH	12/22/2020 09:45	12/23/2020 12:25	WJM
7440-22-4	Silver	ND		mg/L	0.005	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 09:45	12/23/2020 12:25	WJM

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2020 18:24	12/22/2020 18:24	AA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20L1031-01	SB-1 4-6 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-02	SB-7 2-3 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-03	SB-6 3-4 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-04	SB-8 11.5-12.5 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-05	SB-5 14-16 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-06	SB-3 2-3.5 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-07	SB-2 0-1 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-08	SB-4 2-3 20201221	40mL Vial with Stir Bar-Cool 4° C
20L1031-09	TMW-1 20201221	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20L1031-10	TMW-2 20201221	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20L1031-11	TMW-3 20201221	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

Field Chain-of-Custody Record

YORK Project No.

2021031



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.

Page 1

Page / of

YOUR INFORMATION			REPORT TO:			INVOICE TO:			YOUR PROJECT NUMBER			TURN-AROUND TIME					
Company: PVE ENGINEERING- 48 SPRINGSIDE AVENUE ROCKWESIDE, NY 12603 Phone: 845-454-2544 Contact: A. SPANAVECHIA E-mail: ASPANAVECHIA@PVE-LLC.COM	Company: SAFE Address: SAFE Phone: SAFE Contact: CONOR TARBELL E-mail: CTARBELL@PVE-LLC.COM	Company: SAFE Address: SAFE Phone: SAFE Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM	Company: SAFE Address: SAFE Phone: SAFE Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM	Company: SAFE Address: SAFE Phone: SAFE Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM	Company: SAFE Address: SAFE Phone: SAFE Contact: TARA ALVARADO E-mail: TALVARADO@PVE-LLC.COM	YOUR PO#: 561295 - PHASE II ESA			YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)			RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day)					
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.						Report / EDD Type (circle selections)			Analysis Requested			Container Description					
ANTHONY J. SPANAVECHIA Samples Collected by: (print your name above and sign below) Anthony J. Spanavechia						Matrix Codes			Report / EDD Type (circle selections)			Analysis Requested			Container Description		
SB-1 4-6' 20201221						S			New York			CT RCP			18oz; (1) 18oz		
SB-7 2-3' 20201221						S			New Jersey			CT RCP DQA/DUE			1		
SB-6 3-4' 20201221						S			Connecticut			NJDEP Reduced Deliverables			1		
SB-8 11.5'-12.5' 20201221						S			Pennsylvania			NJDEP SRP HazSite			1		
SB-5 14-16' 20201221						S			Other			Other:			1		
SB-3 2-3.5' 20201221						S									1		
SB-2 0-1' 20201221						S									1		
SB-4 2-3' 20201221						S									1		
Comments:																	
Samples Relinquished by / Company						Date/Time			Samples Relinquished by / Company			Date/Time			Special Instruction		
PVE/Ed 104						12/21/20			Gould			12/21/20			Field Filtered Lab to Filter		
Samples Received by / Company						Date/Time			Samples Relinquished by / Company			Date/Time			Temp. Received at Lab		
PVE/Ed 104						12/21/20			Gould			12/21/20			2.4		



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

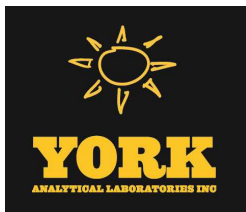
YORK Project No.

20K1031

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.

Page 2 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	PVE ENGINEERING	Company:	SAFE	Company:	SAFE	561295		RUSH - Next Day	
Address:	48 SPRINGFIELD AVENUE	Address:	SAFE	Address:	SAFE			RUSH - Two Day	
Phone:	845-454-2544	Phone:	SAFE	Phone:	SAFE			RUSH - Three Day	
Contact:	A. SPANAVECCHIA	Contact:	COVR TARBELL	Contact:	TARA AMARADO			RUSH - Four Day	
E-mail:	ASPANAVECCHIA@PVE-LLC.COM	E-mail:	CTARBELL@PVE-LLC.COM	E-mail:	TAMARADO@PVE-LLC.COM			Standard (5-7 Day)	
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.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
ANTHONY J. SPANAVECCHIA Samples Collected by: (print your name above and sign below) <i>Anthony J. Spanavecchia</i>		S - soil / solid		New York		CT RCP		Standard Excel EDD	
		GW - groundwater		New Jersey		CT RCP DQA/DUE		EQUIS (Standard)	
		DW - drinking water		Connecticut		NY ASP A Package		NYSDEC EQUIS	
		WW - wastewater		Pennsylvania		NY ASP B Package		NJDEP SRP HazSite	
		O - Oil ; Other		Other				NJDKQP	
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
TMW-1 20201221		GW		12-21-20 1320		• COMPREHENSIVE VOCs VIA USEPA METHOD 8260; • CP-51 SVOCs VIA USEPA METHOD 8240; AND • RCRA METALS VIA USEPA METHOD 6010/7343 (FILTERED ONLY).			
TMW-2 20201221		GW		12-21-20 1430		• COMPREHENSIVE VOCs VIA USEPA METHOD 8260			
TMW-3 20201221		GW		12-21-20 1410		• COMPREHENSIVE VOCs VIA USEPA METHOD 8260; AND • RCRA METALS VIA USEPA METHOD 6010/7343 (FILTERED ONLY).			
Comments:		Preservation: (check all that apply)		HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___		Special Instruction		Field Filtered Lab to Filter ___	
Samples Relinquished by / Company		Date/Time		12/21/20 1600		Samples Relinquished by / Company		Date/Time	
<i>Anthony J. Spanavecchia</i>		12/21/20 1600		1600		<i>Gould</i>		12/21/20 1750	
Samples Received by / Company		Date/Time		12/21/20 1600		Samples Received by / Company		Date/Time	
12/21/20 1600		1600		1600		12/21/20 1750		1750	
Samples Relinquished by / Company		Date/Time		12/21/20 1600		Samples Relinquished by / Company		Date/Time	
12/21/20 1600		1600		1600		12/21/20 1750		1750	
Temp. Received at Lab		Date/Time		12/21/20 1750		Temp. Received at Lab		Date/Time	
2.4		12/21/20 1750		1750		2.4		1750	



Technical Report

prepared for:

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

Report Date: 12/23/2020
Client Project ID: 561295
York Project (SDG) No.: 20L1032

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
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/23/2020
Client Project ID: 561295
York Project (SDG) No.: 20L1032

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 December 21, 2020 with a temperature of C. The project was identified as your project: **561295**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20L1032-01	SSV-1 20201221	Soil Vapor	12/21/2020	12/21/2020
20L1032-02	SSV-2 20201221	Soil Vapor	12/21/2020	12/21/2020
20L1032-03	SSV-3 20201221	Soil Vapor	12/21/2020	12/21/2020
20L1032-04	AI-1 20201221	Indoor Ambient Air	12/21/2020	12/21/2020

General Notes for York Project (SDG) No.: 20L1032

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:



Benjamin Gulizia
Laboratory Director

Date: 12/23/2020





Sample Information

Client Sample ID: SSV-1 20201221

York Sample ID: 20L1032-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1032

561295

Soil Vapor

December 21, 2020 11:04 am

12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.90	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.71	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	2.9		ug/m ³	0.90	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.0	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.71	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.53	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.97	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
95-63-6	1,2,4-Trimethylbenzene	13		ug/m ³	0.64	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.0	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.79	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.53	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.60	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.91	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
108-67-8	1,3,5-Trimethylbenzene	3.3		ug/m ³	0.64	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.87	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.79	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.60	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.79	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.94	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
78-93-3	2-Butanone	1.5		ug/m ³	0.39	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ



Sample Information

Client Sample ID: SSV-1 20201221

York Sample ID: 20L1032-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1032

561295

Soil Vapor

December 21, 2020 11:04 am

12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND	TO-LC S-L	ug/m ³	1.1	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.0	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
108-10-1	4-Methyl-2-pentanone	0.75	TO-CC V, TO-LC S-L	ug/m ³	0.54	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
67-64-1	Acetone	15		ug/m ³	0.62	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.28	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
71-43-2	Benzene	0.79		ug/m ³	0.42	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
100-44-7	Benzyl chloride	23		ug/m ³	0.68	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.88	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.4	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.51	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.41	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
56-23-5	Carbon tetrachloride	0.49		ug/m ³	0.21	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.60	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.34	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.64	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.27	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.13	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.59	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	0.45	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.65	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ



Sample Information

Client Sample ID: SSV-1 20201221

York Sample ID: 20L1032-01

York Project (SDG) No.

20L1032

Client Project ID

561295

Matrix

Soil Vapor

Collection Date/Time

December 21, 2020 11:04 am

Date Received

12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	0.94	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
100-41-4	Ethyl Benzene	4.0		ug/m ³	0.57	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
67-63-0	Isopropanol	5.2		ug/m ³	0.64	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.54	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.47	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	0.91	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
142-82-5	n-Heptane	1.4		ug/m ³	0.54	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
110-54-3	n-Hexane	0.92		ug/m ³	0.46	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
95-47-6	o-Xylene	6.5		ug/m ³	0.57	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
179601-23-1	p- & m- Xylenes	18		ug/m ³	1.1	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
622-96-8	* p-Ethyltoluene	11		ug/m ³	0.64	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
115-07-1	* Propylene	0.76		ug/m ³	0.22	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
100-42-5	Styrene	ND		ug/m ³	0.56	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.89	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	0.77	1.307	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 08:42	LLJ
108-88-3	Toluene	9.0		ug/m ³	0.49	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.52	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.59	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.18	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.73	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.46	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ



Sample Information

Client Sample ID: SSV-1 20201221

York Sample ID: 20L1032-01

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:04 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	0.57	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.17	1.307	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 08:42	LLJ

Sample Information

Client Sample ID: SSV-2 20201221

York Sample ID: 20L1032-02

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:05 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.93	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.93	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.69	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.17	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
95-63-6	1,2,4-Trimethylbenzene	22		ug/m ³	0.84	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.69	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.79	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ



Sample Information

Client Sample ID: SSV-2 20201221

York Sample ID: 20L1032-02

York Project (SDG) No.

20L1032

Client Project ID

561295

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Soil Vapor

Collection Date/Time

December 21, 2020 11:05 am

Date Received

12/21/2020

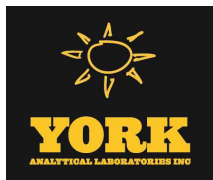
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	6.0		ug/m ³	0.84	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.79	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
78-93-3	2-Butanone	3.2		ug/m ³	0.50	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.7	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.70	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
67-64-1	Acetone	73		ug/m ³	0.81	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.37	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
71-43-2	Benzene	22		ug/m ³	0.55	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.89	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.8	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.66	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-15-0	Carbon disulfide	1.2		ug/m ³	0.53	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.27	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.79	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.45	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ



Sample Information

Client Sample ID: SSV-2 20201221

York Sample ID: 20L1032-02

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:05 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m ³	0.84	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.35	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.20		ug/m ³	0.17	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
110-82-7	Cyclohexane	1.1		ug/m ³	0.59	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.85	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 09:35	LLJ
100-41-4	Ethyl Benzene	8.1		ug/m ³	0.74	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
67-63-0	Isopropanol	3.9		ug/m ³	0.84	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.70	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.62	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
142-82-5	n-Heptane	3.7		ug/m ³	0.70	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
110-54-3	n-Hexane	3.2		ug/m ³	0.60	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
95-47-6	o-Xylene	13		ug/m ³	0.74	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
179601-23-1	p- & m- Xylenes	34		ug/m ³	1.5	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
622-96-8	* p-Ethyltoluene	19		ug/m ³	0.84	1.712	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 09:35	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.29	1.712	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 09:35	LLJ
100-42-5	Styrene	1.8		ug/m ³	0.73	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.2	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ



Sample Information

Client Sample ID: SSV-2 20201221

York Sample ID: 20L1032-02

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:05 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	4.4		ug/m ³	1.0	1.712	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 09:35	LLJ
108-88-3	Toluene	21		ug/m ³	0.65	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.68	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.78	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.23	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.96	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.60	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.75	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.22	1.712	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 09:35	LLJ

Sample Information

Client Sample ID: SSV-3 20201221

York Sample ID: 20L1032-03

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:06 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.90	1.316	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 10:28	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.72	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	3.3		ug/m ³	0.90	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.0	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
79-00-5	1,1,2-Trichloroethane	0.79		ug/m ³	0.72	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.53	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ



Sample Information

Client Sample ID: SSV-3 20201221

York Sample ID: 20L1032-03

York Project (SDG) No.

20L1032

Client Project ID

561295

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Soil Vapor

Collection Date/Time

December 21, 2020 11:06 am

Date Received

12/21/2020

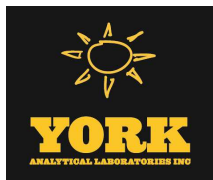
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.13	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.98	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
95-63-6	1,2,4-Trimethylbenzene	13		ug/m ³	0.65	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.0	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.79	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.53	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.61	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.92	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
108-67-8	1,3,5-Trimethylbenzene	3.4		ug/m ³	0.65	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.87	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.79	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.61	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.79	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.95	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
78-93-3	2-Butanone	1.4		ug/m ³	0.39	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
591-78-6	* 2-Hexanone	ND	TO-LC S-L	ug/m ³	1.1	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.1	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
108-10-1	4-Methyl-2-pentanone	1.1	TO-CC V, TO-LC S-L	ug/m ³	0.54	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
67-64-1	Acetone	22		ug/m ³	0.63	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.29	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
71-43-2	Benzene	1.7		ug/m ³	0.42	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ



Sample Information

Client Sample ID: SSV-3 20201221

York Sample ID: 20L1032-03

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:06 am

Date Received
12/21/2020

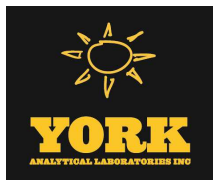
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	22		ug/m ³	0.68	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.88	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.4	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.51	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-15-0	Carbon disulfide	0.70		ug/m ³	0.41	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
56-23-5	Carbon tetrachloride	0.50		ug/m ³	0.21	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.61	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.35	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.64	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.27	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.16		ug/m ³	0.13	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
110-82-7	Cyclohexane	0.63		ug/m ³	0.45	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.1	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.65	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	0.95	1.316	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 10:28	LLJ
100-41-4	Ethyl Benzene	5.5		ug/m ³	0.57	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.4	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
67-63-0	Isopropanol	11		ug/m ³	0.65	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.54	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.47	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-09-2	Methylene chloride	2.2		ug/m ³	0.91	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ



Sample Information

Client Sample ID: SSV-3 20201221

York Sample ID: 20L1032-03

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Soil Vapor

Collection Date/Time
December 21, 2020 11:06 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	2.4		ug/m ³	0.54	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
110-54-3	n-Hexane	1.9		ug/m ³	0.46	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
95-47-6	o-Xylene	8.4		ug/m ³	0.57	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
179601-23-1	p- & m- Xylenes	24		ug/m ³	1.1	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
622-96-8	* p-Ethyltoluene	11		ug/m ³	0.65	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
115-07-1	* Propylene	3.7		ug/m ³	0.23	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
100-42-5	Styrene	ND		ug/m ³	0.56	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
127-18-4	Tetrachloroethylene	1.2		ug/m ³	0.89	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
109-99-9	* Tetrahydrofuran	1.7		ug/m ³	0.78	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
108-88-3	Toluene	12		ug/m ³	0.50	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.52	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.60	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.18	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.74	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
108-05-4	Vinyl acetate	0.70		ug/m ³	0.46	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.58	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.17	1.316	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 10:28	LLJ

Sample Information

Client Sample ID: AI-1 20201221

York Sample ID: 20L1032-04

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Indoor Ambient Air

Collection Date/Time
December 21, 2020 11:05 am

Date Received
12/21/2020



Sample Information

Client Sample ID: AI-1 20201221

York Sample ID: 20L1032-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L1032

561295

Indoor Ambient Air

December 21, 2020 11:05 am

12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.48	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.38	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.48	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.75		ug/m ³	0.54	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.38	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.28	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.069	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.52	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.83		ug/m ³	0.34	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.54	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.42	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.28	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.32	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.49	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.34	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.47	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.42	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.32	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.42	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.51	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
78-93-3	2-Butanone	1.4		ug/m ³	0.21	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.57	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ



Sample Information

Client Sample ID: AI-1 20201221

York Sample ID: 20L1032-04

York Project (SDG) No.

20L1032

Client Project ID

561295

Matrix

Indoor Ambient Air

Collection Date/Time

December 21, 2020 11:05 am

Date Received

12/21/2020

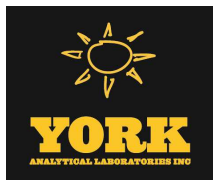
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.1	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
108-10-1	4-Methyl-2-pentanone	1.1	TO-CC V, TO-LC S-L	ug/m ³	0.29	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
67-64-1	Acetone	22		ug/m ³	0.33	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.15	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
71-43-2	Benzene	1.6		ug/m ³	0.22	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.36	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.47	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.72	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.27	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.22	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
56-23-5	Carbon tetrachloride	0.75		ug/m ³	0.11	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.32	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.18	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.34	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
74-87-3	Chloromethane	1.3	TO-CC V, TO-LC S-H	ug/m ³	0.14	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.069	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.32	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
110-82-7	Cyclohexane	0.39		ug/m ³	0.24	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.60	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.35	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ



Sample Information

Client Sample ID: AI-1 20201221

York Sample ID: 20L1032-04

York Project (SDG) No.

20L1032

Client Project ID

561295

Matrix

Indoor Ambient Air

Collection Date/Time

December 21, 2020 11:05 am

Date Received

12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	2.2		ug/m ³	0.51	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
100-41-4	Ethyl Benzene	1.2		ug/m ³	0.30	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.75	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
67-63-0	Isopropanol	340	TO-IPA , E	ug/m ³	0.34	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.29	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.25	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-09-2	Methylene chloride	1.2		ug/m ³	0.49	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
142-82-5	n-Heptane	1.1		ug/m ³	0.29	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
110-54-3	n-Hexane	2.6		ug/m ³	0.25	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
95-47-6	o-Xylene	1.3		ug/m ³	0.30	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
179601-23-1	p- & m- Xylenes	4.2		ug/m ³	0.61	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
622-96-8	* p-Ethyltoluene	0.76		ug/m ³	0.34	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.12	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
100-42-5	Styrene	0.39		ug/m ³	0.30	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
127-18-4	Tetrachloroethylene	2.7		ug/m ³	0.48	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.41	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
108-88-3	Toluene	7.7		ug/m ³	0.26	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.28	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.32	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
79-01-6	Trichloroethylene	0.15		ug/m ³	0.094	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	0.39	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.25	0.701	EPA TO-15 Certifications:	12/22/2020 09:00	12/23/2020 11:27	LLJ



Sample Information

Client Sample ID: AI-1 20201221

York Sample ID: 20L1032-04

York Project (SDG) No.
20L1032

Client Project ID
561295

Matrix
Indoor Ambient Air

Collection Date/Time
December 21, 2020 11:05 am

Date Received
12/21/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	0.31	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.090	0.701	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/22/2020 09:00	12/23/2020 11:27	LLJ





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

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.
