



May 4, 2022

Regan Development Corporation  
ATTN: Gabe Regan  
1055 Saw Mill River Road #204  
Ardasley, New York 10502

Re: **Phase II Environmental Site Assessment**; 333 Grand Avenue & 154 Allen Street, Village of Johnson City,  
Broome County, New York  
Tax IDs: #143.71-2-13 & #143.72-1-29  
PVE File #202110308

Dear Mr. Regan:

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 January 24, 2022, for the above referenced property (Figures 1 & 2). As discussed, our objective was to evaluate subsurface conditions in response to the conclusions in our recently completed Phase I ESA. Below is a summary of field activities, analytical data and recommendations.

## 1.0 INTRODUCTION

PVE submitted a Phase I Environmental Site Assessment (ESA), dated January 20, 2021, for the above referenced property. The following Recognized Environmental Conditions (RECs) were outlined in the ESA:

1. As indicated in Section 6.4 (Fire Insurance Maps) and Section 6.5 (City Directories) of the report, the Subject Property at 333 Grand Avenue was operated as a Foundry, with a gas tank and a machine shop, pattern shop and blacksmith, and is considered a REC. Large portions of this foundry were noted as having earthen floors and therefore no foundation slab to impede the migration of a release of hazardous or regulated substances. 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 Section 6.4 (Fire Insurance Maps) and Section 6.5 (City Directories) of the report, the historical uses of the adjoining and nearby properties as a coal and supply company, a flat iron manufacturer, an electric products corporation (including plating, grinding and buffing), a machine shop, tile kilns, a spray painting shop, an auto repair shop 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 conditions outlined above, a Phase II ESA was completed to assess the soil, soil vapor and groundwater 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 to screen the proposed boring locations for utilities or anomalies which may obstruct drilling activities. Field activities were completed on April 14, 2022; sample locations were adjusted accordingly.

### 2.2 Soil Borings and Sample Collection

On April 14, 2022 & April 15, 2022, PVE completed a total of twelve (12) soil borings throughout the subject property (Figure 3). The soil borings were installed via direct push drilling method using a track-mounted Geoprobe™ 54DT drill rig equipped with 4-foot long, 2 ¼-inch diameter stainless steel core barrel (macro-cores) fitted with PVC liners. Soil borings were advanced to a maximum depth of 24-feet below ground surface (bgs).

The project technician kept a detailed log of each core including lithology, grain size, stratigraphic changes, color, moisture content and the occurrence of refusal. Soil samples were screened in the field for the presence of Volatile Organic Compounds (VOCs) using a calibrated photoionization detector (PID) and headspace techniques. PVE personnel collected one (1) soil sample from each of the soil borings for a total of twelve (12) 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 United States Environmental Protection Agency (USEPA) Method 8260;
- Target Compound List (TCL) Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270; &
- RCRA Metals via USEPA Method 6010 & 7343.

Soil borings are summarized below:

**Boring SB-1** was advanced via Geoprobe™ to 16-feet bgs. Soil consisted of dark brown/black fine/medium sand, slag, gravel, brick, coal fragments, clay, coal ash, crushed rock, and silt. Groundwater was not encountered at the time of drilling (ATD). No elevated PID readings were observed. One (1) soil sample was collected from 2.0-4.0 feet bgs for laboratory analysis.

**Boring SB-2** was advanced via Geoprobe™ to 12-feet bgs. Soil consisted of dark brown/black fine/medium sand, slag, gravel, coal fragments, clay, and coal ash. Groundwater was encountered at 11.5-feet ATD. An elevated PID reading of 0.3 was observed at interval 4.0-6.0. One (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis.

**Boring SB-3** was advanced via Geoprobe™ to 20-feet bgs. Soil consisted of dark brown/black fine/medium sand, coal fragments, clay, coal ash, crushed rock, and silt. Groundwater was encountered at 20-feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 4.0-6.0 feet bgs for laboratory analysis. Converted into TMW-2 ATD.

**Boring SB-4** was advanced via Geoprobe™ to 16-feet bgs. Soil consisted of dark brown clay, fine sand, gravel, silt, crushed rock, slag, coal fragments, glass, brick, and silt. Groundwater was not encountered ATD. No



elevated PID readings were observed. One (1) soil sample was collected from 1.0-3.0 feet bgs for laboratory analysis.

**Boring SB-5** was advanced via Geoprobe™ to 12-feet bgs. Soil consisted of dark brown silt, fine sand, clay, and gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 10.0-12.0 feet bgs for laboratory analysis.

**Boring SB-6** was advanced via Geoprobe™ to 24-feet bgs. Soil consisted of dark brown silt, fine sand, clay, coal fragments, clay, and gravel. Groundwater was encountered at 20.7-feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 8.0-12.0 feet bgs for laboratory analysis. Converted into TMW-1 ATD.

**Boring SB-7** was advanced via Geoprobe™ to 16-feet bgs. Soil consisted of light brown clay, fine/medium/course sand, silt, and gravel. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 14.0-16.0 feet bgs for laboratory analysis.

**Boring SB-8** was advanced via Geoprobe™ to 16-feet bgs. Soil consisted of black fine sand, clay, coal fragments, slag, and ash. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 8.0-10.0 feet bgs for laboratory analysis.

**Boring SB-9** was advanced via Geoprobe™ to 20-feet bgs. Soil consisted of black clay, fine sand, slag, silt, coal fragments, and ash. Groundwater was encountered at 20-feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 7.0-9.0 feet bgs for laboratory analysis. Converted into TMW-3 ATD.

**Boring SB-10** was advanced via Geoprobe™ to 20-feet bgs. Soil consisted of black fine sand, gravel, crushed rock, silt, slag, ash, and coal fragments. Groundwater was encountered at 20-feet ATD. No elevated PID readings were observed. One (1) soil sample was collected from 12.0-14.0 feet bgs for laboratory analysis. Converted into TMW-4 ATD.

**Boring SB-11** was advanced via Geoprobe™ to 16-feet bgs. Soil consisted of light brown fine sand, clay, gravel, and slag. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 1.0-3.0 feet bgs for laboratory analysis.

**Boring SB-12** was advanced via Geoprobe™ to 18-feet bgs. Soil consisted of light brown clay, fine sand, gravel, and silt. Groundwater was not encountered ATD. No elevated PID readings were observed. One (1) soil sample was collected from 16.0-18.0 feet bgs for laboratory analysis.

### 2.3 Temporary Monitoring Well Installation and Sampling

Temporary monitoring well locations, boring depth and date of drilling are summarized in the table below; locations are depicted in Figure 3.

ID/Location	Date of Drilling	Bottom of Boring (below grade)	Occurrence of Groundwater (below grade)
TMW-1 / Central area of property / SB-6	3/14/2022	20-feet	18.6-feet at time of drilling; static at 18.6-feet



TMW-2 / Eastern area of property / SB-3	3/15/2022	24-feet	20.7-feet at time of drilling; static at 20.7-feet
TMW-3 / Northern area of property / SB-9	3/15/2022	20-feet	20-feet at time of drilling; static at 19.5-feet
TMW-4 / Western area of property / SB-10	3/15/2022	20-feet	20-feet at time of drilling; static at 19.8-feet

Temporary monitoring wells were constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser.

On March 15, 2022, a groundwater sample was collected from all four (4) temporary monitoring wells using a peristaltic pump and dedicated tubing in accordance with low-flow sampling methods. Groundwater samples were dispensed into laboratory provided containers and delivered to a NYSDOH ELAP certified laboratory for analysis of:

- Comprehensive VOCs USEPA Method 8260 (All Samples);
- TCL SVOCs via USEPA Method 8270 (Only TMW-1 & TMW-2); &
- RCRA Metals via USEPA Method 6010 & 7473 (All Samples).
  - Field Filtered Only.

## 2.4 Vapor Sampling

A total of four (4) soil vapor samples were collected throughout the subject property. PVE installed temporary vapor probes using a Geoprobe™ unit equipped with 4-foot long, 2 ¼ -inch diameter macrocores at locations selected in the field. Probes were sealed at the surface with bentonite chips. Vapor probes were purged of one to three volumes at a rate not to exceed 0.2L/min. A helium tracer test was conducted at each location to verify integrity, and demonstrate ambient air was not being drawn into the samples being collected.

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. Analytical reports are attached.

### 3.1 Soil Samples

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



### 3.1.1 VOCs

One (1) to two (2) VOCs were detected in eleven (11) of the twelve (12) soil samples collected and analyzed for VOCs. No VOCs were detected at concentrations exceeding UUSCOs nor RRSCOs.

### 3.1.2 SVOCs

One (1) or more SVOCs were detected in eight (8) of the twelve (12) soil samples collected and analyzed for SVOCs. SVOCs were detected in three (3) of the eight (8) soil samples at concentrations exceeding UUSCOs and RRSCOs. Exceedances are defined below:

- SB-1 2-4' 20220414
  - **Benzo(A)Anthracene (1.43 mg/kg)**
  - **Benzo(A)Pyrene (1.61 mg/kg)**
  - **Benzo(B)Fluoranthene (1.41 mg/kg)**
  - Benzo(K)Fluoranthene (1.40 mg/kg)
  - Chrysene (1.51 mg/kg)
  - **Dibenz(A,H)Anthracene (0.406 mg/kg)**
  - **Indeno(1,2,3-C,D)Pyrene (1.07 mg/kg)**
  
- SB-3 4-6' 20220414
  - Benzo(K)Fluoranthene (0.819 mg/kg)
  - **Indeno(1,2,3-C,D)Pyrene (0.726 mg/kg)**
  
- SB-11 1-3' 20220415
  - **Benzo(A)Anthracene (4.43 mg/kg)**
  - **Benzo(A)Pyrene (3.77 mg/kg)**
  - **Benzo(B)Fluoranthene (5.32 mg/kg)**
  - Benzo(K)Fluoranthene (3.09 mg/kg)
  - **Chrysene (5.47 mg/kg)**
  - **Dibenz(A,H)Anthracene (1.09 mg/kg)**
  - **Indeno(1,2,3-C,D)Pyrene (2.65 mg/kg)**

**Bold font** indicates RRSCO exceedance.

### 3.1.3 Metals

Metals were detected in all twelve (12) of the soil samples collected and analyzed for metals. One (1) or more metals were detected in six (6) of the twelve (12) soil samples at concentrations exceeding UUSCOs and RRSCOs. Exceedances are defined below:

- SB-1 2-4' 20220414
  - Lead (226 mg/kg)
  - **Mercury (0.890 mg/kg)**



- SB-3 4-6' 20220414
  - Cadmium (3.16 mg/kg)
  - Lead (147 mg/kg)
  - **Mercury (1.64 mg/kg)**
  
- SB-4 1-3' 20220414
  - **Lead (454 mg/kg)**
  
- SB-9 7-9' 20220415
  - Lead (79.1 mg/kg)
  
- SB-11 1-3' 20220415
  - Lead (238 mg/kg)
  
- SB-12 16-18' 20220415
  - **Mercury (6.02 mg/kg)**

**Bold font** indicates RRSCO exceedance.

### 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

One (1) or more VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. No VOCs were detected at concentrations exceeding Class GA GQS.

#### 3.2.2 SVOCs

One (1) SVOC (Bis(2-Ethylhexyl)Phthalate) was detected in both groundwater samples collected and analyzed for SVOCs. No SVOCs were detected at concentrations exceeding Class GA GQS.

#### 3.2.3 Metals

Metals were detected in all four (4) of the groundwater samples collected and analyzed for metals. No metals were detected at concentrations exceeding Class GA GQS.

### 3.3 Vapor Samples

Analytical results from soil vapor samples are summarized in Table 7 and compared to NYSDOH Decision Matrices 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 soil vapor sampling locations.

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, Tetrachloroethylene (PCE) and Trichloroethylene (TCE). The following NYSDOH-regulated compounds were detected in the sub-slab samples collected:

- SV-1
  - PCE (50 ug/m<sup>3</sup>)
- SV-2
  - Methylene Chloride (18 ug/m<sup>3</sup>)
- SV-3
  - PCE (34 ug/m<sup>3</sup>)
- SV-4
  - TCE (23 ug/m<sup>3</sup>)

Based on the concentrations of the NYSDOH regulated compounds detected in the soil vapor, additional investigations will be necessary to determine actions required.

#### **4.0 DISCUSSION and CONCLUSIONS**

##### **4.1 Soil**

1. Twelve (12) soil borings were installed throughout the subject property. One (1) soil sample was collected from each of the twelve (12) soil borings for laboratory analysis.
2. VOCs were detected in eleven (11) of the twelve (12) soil samples collected and analyzed for VOCs. No VOCs were detected at concentrations exceeding UUSCOs nor RRSCOs.
3. Multiple SVOCs were detected in three (3) of the twelve (12) soil samples at concentrations exceeding UUSCOs and RRSCOs.
4. One (1) or more metals were detected in six (6) of the twelve (12) soil samples at concentrations exceeding UUSCOs and RRSCOs

##### **4.2 Groundwater**

1. Four (4) temporary monitoring wells were installed throughout the subject property. One (1) groundwater sample was collected from each of the four (4) temporary monitoring wells for laboratory analysis.
2. One (1) or more VOCs were detected in all four (4) of the groundwater samples collected and analyzed for VOCs. No VOCs were detected at concentrations exceeding Class GA GQS.
3. One (1) SVOC (Bis(2-Ethylhexyl)Phthalate) was detected in both groundwater samples collected and analyzed for SVOCs. No SVOCs were detected at concentrations exceeding Class GA GQS.
4. Metals were detected in all four (4) of the groundwater samples collected and analyzed for metals. No metals were detected at concentrations exceeding Class GA GQS.



### 4.3 Vapor

1. A total of four (4) soil vapor samples were collected from the subject property.
2. One (1) chlorinated VOC was detected in each of the four (4) soil vapor samples. Chlorinated VOCs were detected in one (1) of the four (4) soil vapor samples requiring further action.

### 5.0 RECOMMENDATIONS

1. SVOCs and metals were detected in soil samples at concentrations indicative of impacts to soils from past site operations (use as a foundry). Historic fill is present widespread at the subject property.
2. Five (5) soil samples contained one (1) or more contaminants at concentrations exceeding the intended use criteria, for soil, the RRSCOs.
3. Redevelopment of the Site will require special handling, testing and potentially off-site disposal of contaminated soils.
4. This investigation is limited in scope, impacts to soil and groundwater from past site operations in other locations of the property cannot be ruled out.
5. VOCs were detected in each of the soil vapor samples collected, suggesting past site operations may have adversely impacted the subject property, and a vapor encroachment condition cannot be ruled out. At a minimum, a vapor mitigation system should be designed and incorporated into proposed site redevelopment plans.

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

Sincerely,

PVE Engineering

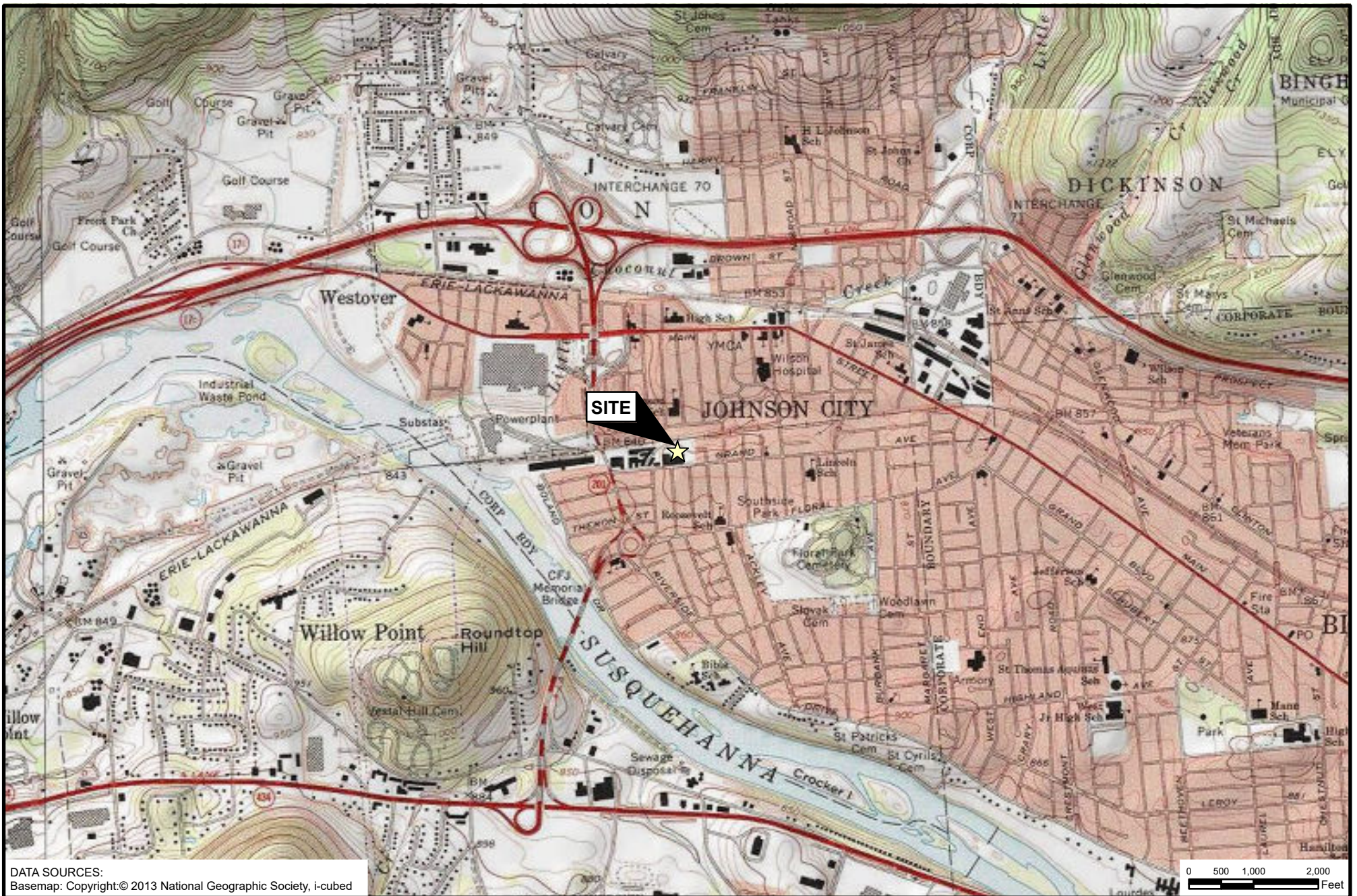
A handwritten signature in black ink, appearing to read 'C. B. Tarbell'.

Conor B. Tarbell  
Senior Project Manager

CBT/TGT  
Attachments



## FIGURES



DATA SOURCES:  
 Basemap: Copyright © 2013 National Geographic Society, i-cubed

0 500 1,000 2,000  
 Feet



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

**SITE LOCATION MAP**  
 333 GRAND AVENUE & 154 ALLEN STREET  
 VILLAGE OF JOHNSON CITY  
 BROOM COUNTY, NEW YORK

PROJECT NO.  
 202110308



**FIGURE 1**

DATE: 12/23/2021

SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY CTRL


ALL LOCATIONS APPROXIMATE




DATA SOURCES:  
 Tax Parcel Outline: Broom County Parcel Mapper, 12/23/2021  
 Basemap: New York State, Maxar, Microsoft, Copyright:© 2013 National Geographic Society, i-cubed, Esri Community Maps Contributors, Binghamton University GIS, County of Broome, data.pa.gov, © OpenStreetMap, Microsoft, Esri Canada, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

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

**SELECTED SITE FEATURES**  
 333 GRAND AVENUE & 154 ALLEN STREET  
 VILLAGE OF JOHNSON CITY  
 BROOM COUNTY, NEW YORK





**LEGEND**  
 TAX PARCEL OUTLINE

PROJECT NO.  
 202110308



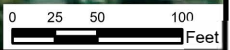
**FIGURE 2**  
 DATE: 12/23/2021  
 SCALE: AS INDICATED  
 PROJECTION: STATE PLANE NAD83 NY CTRL  
 ALL LOCATIONS APPROXIMATE

**LEGEND**

-  SOIL BORING
-  TEMPORARY MONITORING WELL
-  SOIL VAPOR
-  TAX PARCEL OUTLINE

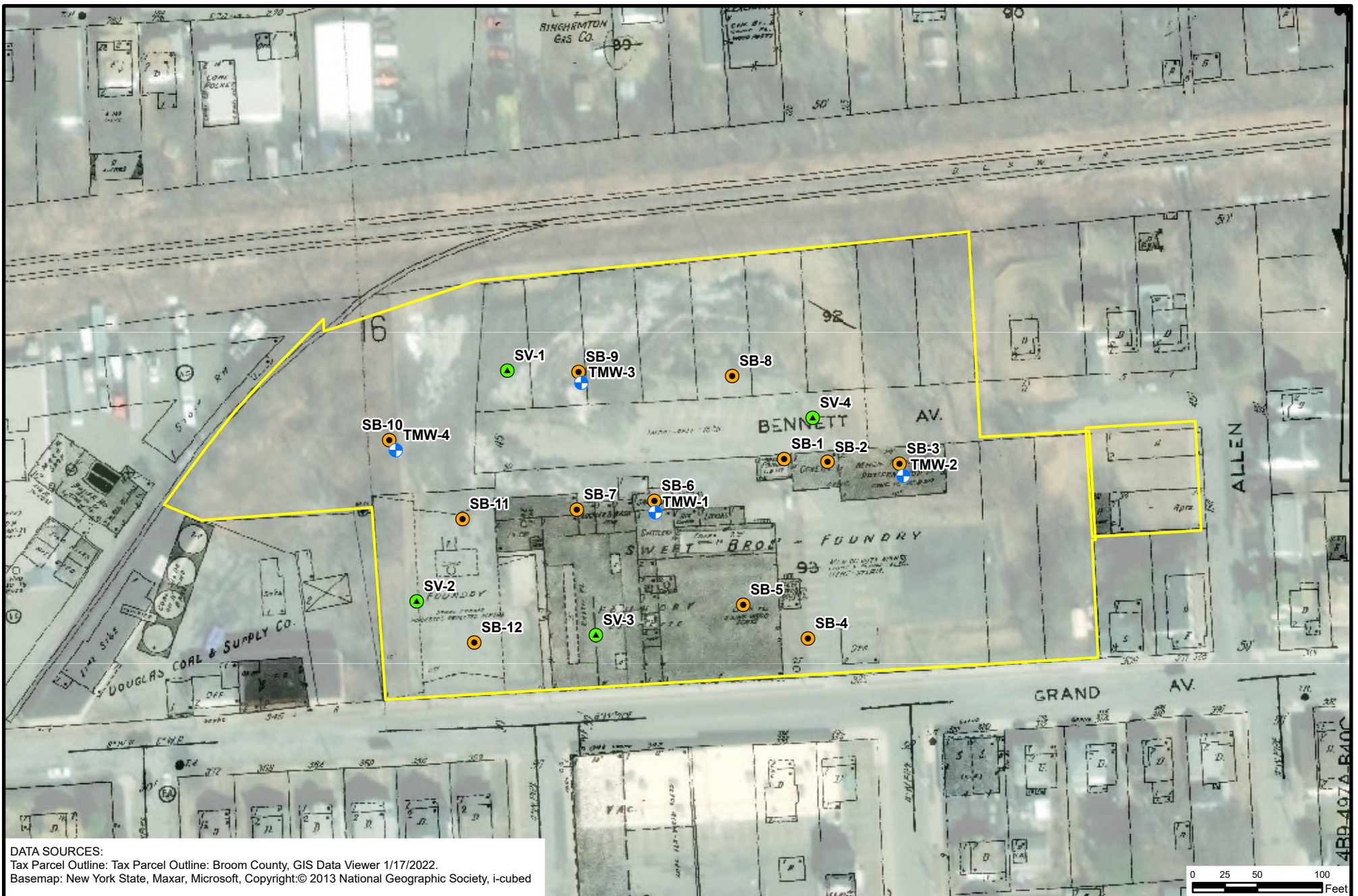


DATA SOURCES:  
 Tax Parcel Outline: Broom County, GIS Data Viewer 1/17/2022.  
 Basemap: Regan Development, Conceptual Site Plan.



 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	<b>SAMPLE LOCATIONS</b> 333 GRAND AVENUE & 154 ALLEN STREET VILLAGE OF JOHNSON CITY BROOM COUNTY, NEW YORK	PROJECT NO. 202110308	<b>FIGURE 3B</b>
			DATE: 01/17/2022
			SCALE: AS INDICATED
			PROJECTION: STATE PLANE NAD83 NY EAST ALL LOCATIONS APPROXIMATE





DATA SOURCES:  
 Tax Parcel Outline: Tax Parcel Outline: Broom County, GIS Data Viewer 1/17/2022.  
 Basemap: New York State, Maxar, Microsoft, Copyright:© 2013 National Geographic Society, i-cubed



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

**SANBORN MAP (1947) AND  
 SAMPLE LOCATIONS**  
 333 GRAND AVENUE & 154 ALLEN STREET  
 VILLAGE OF JOHNSON CITY  
 BROOM COUNTY, NEW YORK

**LEGEND**

- SOIL BORING
- TEMPORARY MONITORING WELL
- SOIL VAPOR
- TAX PARCEL OUTLINE





PROJECT NO.  
 202110308



**FIGURE 3B**

DATE:	05/06/2022
SCALE:	AS INDICATED
PROJECTION:	STATE PLANE NAD83 NY EAST
<b>ALL LOCATIONS APPROXIMATE</b>	

**LEGEND**

-  SOIL BORING
-  TEMPORARY MONITORING WELL
-  SOIL VAPOR
-  TAX PARCEL OUTLINE



DATA SOURCES:  
 Tax Parcel Outline: Broom County, GIS Data Viewer 1/17/2022.  
 Basemap: Regan Development, Conceptual Site Plan.

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

**PROPOSED SITE PLANS AND SAMPLE LOCATIONS**  
 333 GRAND AVENUE & 154 ALLEN STREET  
 VILLAGE OF JOHNSON CITY  
 BROOM COUNTY, NEW YORK

PROJECT NO.  
 202110308



**FIGURE 3B**  
 DATE: 01/17/2022  
 SCALE: AS INDICATED  
 PROJECTION: STATE PLANE NAD83 NY EAST  
 ALL LOCATIONS APPROXIMATE

## TABLES







Table 3 - Metals in Soil Samples  
 Compared to UUSCOs and RRSCOs per 6 NYCRR Part 375  
 333 Grand Avenue & 154 Allen Street, Johnson City, New York  
 PVE File #202110308

Method	Analyte	CAS RN	Date Sampled		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/15/2022		4/15/2022		4/15/2022		4/15/2022						
			Location	Sample ID	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12													
SW6010	Arsenic	7440-38-2	13	16	mg/kg	7.89	mg/kg	2.85	mg/kg	4.03	mg/kg	4.17	mg/kg	3.85	mg/kg	ND < 1.86	mg/kg	5.46	mg/kg	5.81	mg/kg	ND < 1.59	mg/kg	7.50	mg/kg	2.05	mg/kg	5.21	mg/kg
SW6010	Barium	7440-39-3	350	400	mg/kg	184	mg/kg	57.7	mg/kg	83.6	mg/kg	131	mg/kg	29.0	mg/kg	75.8	mg/kg	32.0	mg/kg	56.9	mg/kg	30.4	mg/kg	106	mg/kg	53.6	mg/kg	44.2	mg/kg
SW6010	Cadmium	7440-43-9	2.5	4.3	mg/kg	1.69	mg/kg	ND < 0.41	mg/kg	<b>3.16</b>	mg/kg	1.37	mg/kg	ND < 0.317	mg/kg	ND < 0.372	mg/kg	ND < 0.32	mg/kg	0.546	mg/kg	0.410	mg/kg	ND < 0.365	mg/kg	ND < 0.327	mg/kg	ND < 0.338	mg/kg
SW6010	Chromium, Total	7440-47-3	31	290	mg/kg	16.7	mg/kg	14.2	mg/kg	25.8	mg/kg	15.2	mg/kg	9.50	mg/kg	12.1	mg/kg	13.6	mg/kg	13.3	mg/kg	30.6	mg/kg	20.7	mg/kg	17.7	mg/kg	13.5	mg/kg
SW6010	Lead	7439-92-1	63	400	mg/kg	<b>226</b>	mg/kg	19.8	mg/kg	<b>147</b>	mg/kg	<b>454</b>	mg/kg	4.74	mg/kg	9.00	mg/kg	8.61	mg/kg	28.5	mg/kg	<b>79.1</b>	mg/kg	11.6	mg/kg	<b>238</b>	mg/kg	9.91	mg/kg
SW6010	Selenium	7782-49-2	3.9	180	mg/kg	ND < 2.71	mg/kg	ND < 3.42	mg/kg	ND < 2.82	mg/kg	ND < 2.75	mg/kg	ND < 2.64	mg/kg	ND < 3.1	mg/kg	ND < 2.67	mg/kg	ND < 2.71	mg/kg	ND < 2.66	mg/kg	ND < 3.04	mg/kg	ND < 2.73	mg/kg	ND < 2.82	mg/kg
SW6010	Silver	7440-22-4	2	180	mg/kg	ND < 0.542	mg/kg	ND < 0.683	mg/kg	0.972	mg/kg	ND < 0.549	mg/kg	ND < 0.529	mg/kg	ND < 0.62	mg/kg	ND < 0.534	mg/kg	ND < 0.542	mg/kg	ND < 0.531	mg/kg	ND < 0.608	mg/kg	ND < 0.545	mg/kg	ND < 0.564	mg/kg
SW7473	Mercury	7439-97-6	0.18	0.81	mg/kg	<b>0.890</b>	mg/kg	0.0429	mg/kg	<b>1.64</b>	mg/kg	0.0828	mg/kg	ND < 0.0317	mg/kg	ND < 0.0372	mg/kg	ND < 0.032	mg/kg	ND < 0.0325	mg/kg	ND < 0.0319	mg/kg	ND < 0.0365	mg/kg	0.0438	mg/kg	<b>6.02</b>	mg/kg

Notes:  
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use  
 Soil Cleanup Objectives (UUSCOs), and Restricted Residential Soil Cleanup Objectives (RRSCOs);  
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;  
 Orange shading designates those compounds detected at concentrations exceeding RRSCOs;  
 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 Groundwater Quality Standards per 6NYCRR Part 700-705  
 333 Grand Avenue & 154 Allen Street, Johnson City, New York  
 PVE File #202110308

Method	Analyte	CAS RN	Date Sampled Location Sample ID	CLASS GA	Unit	4/15/2022 TMW-1 TMW-1 20220415		4/15/2022 TMW-2 TMW-2 20220415		4/15/2022 TMW-3 TMW-3 20220415		4/15/2022 TMW-4 TMW-4 20220415	
						Result	Unit Q	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.42	ug/l J	0.26	ug/l J	
SW8260	Acetone	67-64-1	50	ug/l	1.4	ug/l J	1.4	ug/l J	11	ug/l J	11	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	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	ND< 0.20	ug/l U	
SW8260	Benzene	71-43-2	1	ug/l	ND< 0.20	ug/l U	ND< 0.20	ug/l U	0.26	ug/l J	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	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	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	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	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	0.50	ug/l J	
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	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	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	ND< 0.20	ug/l U	
SW8260	Chloroform	67-66-3	7	ug/l	0.20	ug/l J	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	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	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	ND< 0.20	ug/l U	
SW8260	Cyclohexane	110-82-7	NE		ND< 0.20	ug/l U	ND< 0.20	ug/l U	0.42	ug/l J	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	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	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	ND< 0.20	ug/l U	
SW8260	Ethylbenzene	100-41-4	5	ug/l	ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	
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	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	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	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	1.8	ug/l J	1.3	ug/l J	
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	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	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	ND< 1.0	ug/l U	
SW8260	M-P-Xylene	136777-61-2	5	ug/l	ND< 0.50	ug/l U	ND< 0.50	ug/l U	ND< 0.50	ug/l U	ND< 0.50	ug/l U	
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	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	ND< 0.20	ug/l U	
SW8260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	
SW8260	P-Cymene (P-Isopropyltoluene)	CYMP	NE		ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	ND< 0.20	ug/l U	
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	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	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	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	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	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	ND< 0.20	ug/l U	
SW8260	Toluene	108-88-3	5	ug/l	ND< 0.20	ug/l U	ND< 0.20	ug/l U	0.25	ug/l J	0.28	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	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	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	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	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	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	ND< 0.20	ug/l U	
SW8260	Xylenes, Total	XYLENES	5	ug/l	ND< 0.60	ug/l U	ND< 0.60	ug/l U	ND< 0.60	ug/l U	ND< 0.60	ug/l U	

Notes:  
 Standards are for Class GA groundwater according 6NYCRR Part 700-705;  
 Red Shading designates those compounds detected at concentrations exceeding Class GA;  
 NE = No standard established;  
 J = Detected below the Reporting Limit but greater than or equal to the Method  
 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 Groundwater Quality Standards per 6NYCRR Part 700-705  
 333 Grand Avenue & 154 Allen Street, Johnson City, New York  
 PVE File #202110308

Method	Analyte	CAS RN	CLASS GA	Unit	Date Sampled	4/15/2022	4/15/2022		
					Location	TMW-1	TMW-2		
					Sample ID	TMW-1 20220415	TMW-2 20220415		
						Result	Unit Q	Result	Unit Q
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	1,2,4-Trichlorobenzene	120-82-1	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	1,2-Dichlorobenzene	95-50-1	3	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	1,2-Diphenylhydrazine	122-66-7	0	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	1,3-Dichlorobenzene	541-73-1	3	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	1,4-Dichlorobenzene	106-46-7	3	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,3,4,6-Tetrachlorophenol	58-90-2	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4,5-Trichlorophenol	95-95-4	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4,6-Trichlorophenol	88-06-2	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4-Dichlorophenol	120-83-2	1	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4-Dimethylphenol	105-67-9	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4-Dinitrophenol	51-28-5	1	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,4-Dinitrotoluene	121-14-2	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2,6-Dinitrotoluene	606-20-2	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Chloronaphthalene	91-58-7	10	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Chlorophenol	95-57-8	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Methylnaphthalene	91-57-6	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Methylphenol (O-Cresol)	95-48-7	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Nitroaniline	88-74-4	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	2-Nitrophenol	88-75-5	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	3,3'-Dichlorobenzidine	91-94-1	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	3-Nitroaniline	99-09-2	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4,6-Dinitro-2-Methylphenol	534-52-1	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Bromophenyl Phenyl Ether	101-55-3	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Chloro-3-Methylphenol	59-50-7	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Chloroaniline	106-47-8	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Nitroaniline	100-01-6	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	4-Nitrophenol	100-02-7	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Acenaphthene	83-32-9	20	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Acenaphthylene	208-96-8	NE			ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Acetophenone	98-86-2	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Aniline	62-53-3	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Anthracene	120-12-7	NE			ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Atrazine	1912-24-9	7.5	ug/l		ND < 0.541	ug/l U	ND < 0.50	ug/l U
SW8270	Benzaldehyde	100-52-7	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Benzidine	92-87-5	5	ug/l		ND < 10.8	ug/l U	ND < 10	ug/l U
SW8270	Benzo(A)Anthracene	56-55-3	0.002	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Benzo(A)Pyrene	50-32-8	0	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Benzo(B)Fluoranthene	205-99-2	0.002	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Benzo(G,H,I)Perylene	191-24-2	NE			ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Benzo(K)Fluoranthene	207-08-9	0.002	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Benzoic Acid	65-85-0	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Benzyl Alcohol	100-51-6	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Benzyl Butyl Phthalate	85-68-7	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Biphenyl (Diphenyl)	92-52-4	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Bis(2-Chloroethoxy) Methane	111-91-1	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	1	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Bis(2-Chloroisopropyl) Ether	108-60-1	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Bis(2-Ethylhexyl) Phthalate	117-81-7	5	ug/l		0.595	ug/l B	0.500	ug/l B
SW8270	Caprolactam	105-60-2	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Carbazole	86-74-8	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Chrysene	218-01-9	0.002	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Dibenz(A,H)Anthracene	53-70-3	NE			ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Dibenzofuran	132-64-9	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Diethyl Phthalate	84-66-2	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Dimethyl Phthalate	131-11-3	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Di-N-Butyl Phthalate	84-74-2	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Di-N-Octylphthalate	117-84-0	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Diphenylamine	122-39-4	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Fluoranthene	206-44-0	50	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Fluorene	86-73-7	50	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Hexachlorobenzene	118-74-1	0.04	ug/l		ND < 0.0216	ug/l U	ND < 0.020	ug/l U
SW8270	Hexachlorobutadiene	87-68-3	0.5	ug/l		ND < 0.541	ug/l U	ND < 0.50	ug/l U
SW8270	Hexachlorocyclopentadiene	77-47-4	5	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Hexachloroethane	67-72-1	5	ug/l		ND < 0.541	ug/l U	ND < 0.50	ug/l U
SW8270	Indeno(1,2,3-C,D)Pyrene	193-39-5	0.002	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Isophorone	78-59-1	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Naphthalene	91-20-3	10	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Nitrobenzene	98-95-3	0.4	ug/l		ND < 0.27	ug/l U	ND < 0.25	ug/l U
SW8270	N-Nitrosodimethylamine	62-75-9	NE			ND < 0.541	ug/l U	ND < 0.50	ug/l U
SW8270	N-Nitrosodi-N-Propylamine	621-64-7	NE			ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	N-Nitrosodiphenylamine	86-30-6	50	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Penta-chlorophenol	87-86-5	1.5	ug/l		ND < 0.27	ug/l U	ND < 0.25	ug/l U
SW8270	Phenanthrene	85-01-8	50	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U
SW8270	Phenol	108-95-2	1	ug/l		ND < 2.7	ug/l U	ND < 2.5	ug/l U
SW8270	Pyrene	129-00-0	50	ug/l		ND < 0.0541	ug/l U	ND < 0.050	ug/l U

Notes:  
 Standards are for Class GA groundwater according 6NYCRR Part 700-705;  
 Red Shading designates those compounds detected at concentrations exceeding Class GA;  
 NE = No standard established;  
 B = Analyte detected in associated analysis batch blank;  
 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 Groundwater Quality Standards per 6NYCRR Part 700-705  
 333 Grand Avenue & 154 Allen Street, Johnson City, New York  
 PVE File #202110308

Date Sampled					4/15/2022			4/15/2022			4/15/2022			4/15/2022		
Location					TMW-1			TMW-2			TMW-3			TMW-4		
Sample ID					TMW-1 20220415			TMW-2 20220415			TMW-3 20220415			TMW-4 20220415		
Method	Analyte	CAS RN	CLASS GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6020	Arsenic	7440-38-2	25	ug/l	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	5.54	ug/l		2.48	ug/l	
SW6020	Barium	7440-39-3	1000	ug/l	43.8	ug/l		129	ug/l		162	ug/l		92.2	ug/l	
SW6020	Cadmium	7440-43-9	5	ug/l	ND< 0.556	ug/l	U	ND< 0.556	ug/l	U	0.643	ug/l		ND< 0.556	ug/l	U
SW6020	Chromium, Total	7440-47-3	50	ug/l	4.04	ug/l	B	2.70	ug/l	B	2.16	ug/l	B	2.21	ug/l	B
SW6020	Lead	7439-92-1	25	ug/l	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U
SW6020	Selenium	7782-49-2	10	ug/l	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	5.22	ug/l	
SW6020	Silver	7440-22-4	50	ug/l	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U	ND< 1.11	ug/l	U
SW7470	Mercury	7439-97-6	0.0007	mg/l	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U

Notes:

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

Table 7 - VOCs in Soil Vapor Samples  
 Compared to NYSDOH Decision Matrices  
 333 Grand Avenue & 154 Allen Street, Johnson City, New York  
 PVE File #202110308

Analyte	CAS RN	NFA*	MONITOR*	MITIGATE*	Unit	Date Sampled Location Sample ID											
						4/14/2022 SV-1 SV-1 20220414	4/14/2022 SV-2 SV-2 20220414	4/14/2022 SV-3 SV-3 20220414	4/14/2022 SV-4 SV-4 20220414								
1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.5	ug/m3	U	ND< 4.8	ug/m3	U	ND< 12	ug/m3	U
1,1,1-Trichloroethane (TCA)	71-55-6	<100	100 - 1,000	>1,000	ug/m3	ND< 8.7	ug/m3	U	ND< 3.6	ug/m3	U	ND< 3.8	ug/m3	U	ND< 9.2	ug/m3	U
1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.5	ug/m3	U	ND< 4.8	ug/m3	U	ND< 12	ug/m3	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	NE		ND< 12	ug/m3	U	ND< 5.0	ug/m3	U	ND< 5.4	ug/m3	U	ND< 13	ug/m3	U
1,1,2-Trichloroethane	79-00-5	NE	NE	NE		ND< 8.7	ug/m3	U	ND< 3.6	ug/m3	U	ND< 3.8	ug/m3	U	ND< 9.2	ug/m3	U
1,1-Dichloroethane	75-34-3	NE	NE	NE		24	ug/m3		ND< 2.7	ug/m3	U	ND< 2.8	ug/m3	U	ND< 6.8	ug/m3	U
1,1-Dichloroethene	75-35-4	<6	6 - 60	>60	ug/m3	ND< 1.6	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.70	ug/m3	U	ND< 1.7	ug/m3	U
1,2,4-Trichlorobenzene	120-82-1	NE	NE	NE		ND< 12	ug/m3	U	ND< 4.9	ug/m3	U	ND< 5.2	ug/m3	U	ND< 13	ug/m3	U
1,2,4-Trimethylbenzene	95-63-6	NE	NE	NE		22	ug/m3		23	ug/m3		27	ug/m3		30	ug/m3	
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NE	NE	NE		ND< 12	ug/m3	U	ND< 5.0	ug/m3	U	ND< 5.4	ug/m3	U	ND< 13	ug/m3	U
1,2-Dichlorobenzene	95-50-1	NE	NE	NE		ND< 9.6	ug/m3	U	ND< 4.0	ug/m3	U	ND< 4.2	ug/m3	U	ND< 10	ug/m3	U
1,2-Dichloroethane	107-06-2	NE	NE	NE		ND< 6.4	ug/m3	U	ND< 2.7	ug/m3	U	ND< 2.8	ug/m3	U	ND< 6.8	ug/m3	U
1,2-Dichloropropane	78-87-5	NE	NE	NE		ND< 7.4	ug/m3	U	ND< 3.0	ug/m3	U	ND< 3.2	ug/m3	U	ND< 7.8	ug/m3	U
1,2-Dichlorotetrafluoroethane	76-14-2	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.6	ug/m3	U	ND< 4.9	ug/m3	U	ND< 12	ug/m3	U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NE	NE	NE		ND< 7.8	ug/m3	U	5.5	ug/m3		6.5	ug/m3		8.3	ug/m3	
1,3-Butadiene	106-99-0	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.4	ug/m3	U	ND< 4.7	ug/m3	U	ND< 11	ug/m3	U
1,3-Dichlorobenzene	541-73-1	NE	NE	NE		ND< 9.6	ug/m3	U	ND< 4.0	ug/m3	U	ND< 4.2	ug/m3	U	ND< 10	ug/m3	U
1,3-Dichloropropane	142-28-9	NE	NE	NE		ND< 7.4	ug/m3	U	ND< 3.0	ug/m3	U	ND< 3.2	ug/m3	U	ND< 7.8	ug/m3	U
1,4-Dichlorobenzene	106-46-7	NE	NE	NE		ND< 9.6	ug/m3	U	ND< 4.0	ug/m3	U	ND< 4.2	ug/m3	U	ND< 10	ug/m3	U
1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.7	ug/m3	U	ND< 5.1	ug/m3	U	ND< 12	ug/m3	U
2-Hexanone	591-78-6	NE	NE	NE		ND< 13	ug/m3	U	ND< 5.4	ug/m3	U	ND< 5.7	ug/m3	U	ND< 14	ug/m3	U
4-Ethyltoluene	622-96-8	NE	NE	NE		23	ug/m3		22	ug/m3		26	ug/m3		30	ug/m3	
Acetone	67-64-1	NE	NE	NE		170	ug/m3		220	ug/m3		360	ug/m3		320	ug/m3	
Acrylonitrile	107-13-1	NE	NE	NE		ND< 3.5	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.5	ug/m3	U	ND< 3.7	ug/m3	U
Allyl Chloride (3-Chloropropene)	107-05-1	NE	NE	NE		ND< 25	ug/m3	U	ND< 10	ug/m3	U	ND< 11	ug/m3	U	ND< 26	ug/m3	U
Benzene	71-43-2	NE	NE	NE		20	ug/m3		6.3	ug/m3		18	ug/m3		9.2	ug/m3	
Benzyl Chloride	100-44-7	NE	NE	NE		ND< 8.2	ug/m3	U	ND< 3.4	ug/m3	U	ND< 3.6	ug/m3	U	ND< 8.8	ug/m3	U
Bromodichloromethane	75-27-4	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.4	ug/m3	U	ND< 4.7	ug/m3	U	ND< 11	ug/m3	U
Bromoform	75-25-2	NE	NE	NE		ND< 16	ug/m3	U	ND< 6.8	ug/m3	U	ND< 7.2	ug/m3	U	ND< 17	ug/m3	U
Bromomethane	74-83-9	NE	NE	NE		ND< 6.2	ug/m3	U	ND< 2.6	ug/m3	U	ND< 2.7	ug/m3	U	ND< 6.6	ug/m3	U
Carbon Disulfide	75-15-0	NE	NE	NE		30	ug/m3		140	ug/m3		4.6	ug/m3		5.3	ug/m3	
Carbon Tetrachloride	56-23-5	<6	6 - 60	>60	ug/m3	ND< 2.5	ug/m3	U	ND< 1.0	ug/m3	U	ND< 1.1	ug/m3	U	ND< 2.7	ug/m3	U
Chlorobenzene	108-90-7	NE	NE	NE		ND< 7.3	ug/m3	U	ND< 3.0	ug/m3	U	ND< 3.2	ug/m3	U	ND< 7.8	ug/m3	U
Chloroethane	75-00-3	NE	NE	NE		ND< 4.2	ug/m3	U	ND< 1.7	ug/m3	U	ND< 1.9	ug/m3	U	ND< 4.5	ug/m3	U
Chloroform	67-66-3	NE	NE	NE		71	ug/m3		ND< 3.2	ug/m3		28	ug/m3		23	ug/m3	
Chloromethane	74-87-3	NE	NE	NE		ND< 3.3	ug/m3	U	ND< 1.4	ug/m3	U	ND< 1.4	ug/m3	U	ND< 3.5	ug/m3	U
Cis-1,2-Dichloroethylene	156-59-2	<6	6 - 60	>60	ug/m3	ND< 1.6	ug/m3	U	ND< 0.65	ug/m3	U	ND< 0.70	ug/m3	U	ND< 1.7	ug/m3	U
Cis-1,3-Dichloropropene	10061-01-5	NE	NE	NE		ND< 7.2	ug/m3	U	ND< 3.0	ug/m3	U	ND< 3.2	ug/m3	U	ND< 7.7	ug/m3	U
Cyclohexane	110-82-7	NE	NE	NE		27	ug/m3		12	ug/m3		31	ug/m3		ND< 5.8	ug/m3	U
Dibromochloromethane	124-48-1	NE	NE	NE		ND< 14	ug/m3	U	ND< 5.6	ug/m3	U	ND< 6.0	ug/m3	U	ND< 14	ug/m3	U
Dichlorodifluoromethane	75-71-8	NE	NE	NE		ND< 7.9	ug/m3	U	ND< 3.2	ug/m3	U	ND< 3.5	ug/m3	U	ND< 8.4	ug/m3	U
Ethyl Acetate	141-78-6	NE	NE	NE		ND< 11	ug/m3	U	ND< 4.7	ug/m3	U	ND< 5.1	ug/m3	U	ND< 12	ug/m3	U
Ethylbenzene	100-41-4	NE	NE	NE		40	ug/m3		38	ug/m3		44	ug/m3		50	ug/m3	
Hexachlorobutadiene	87-68-3	NE	NE	NE		ND< 17	ug/m3	U	ND< 7.0	ug/m3	U	ND< 7.5	ug/m3	U	ND< 18	ug/m3	U
Isopropanol	67-63-0	NE	NE	NE		ND< 7.8	ug/m3	U	ND< 3.2	ug/m3	U	ND< 3.4	ug/m3	U	23	ug/m3	B
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NE	NE	NE		17	ug/m3		19	ug/m3		9.1	ug/m3		9.5	ug/m3	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE	NE		ND< 6.5	ug/m3	U	ND< 2.7	ug/m3	U	ND< 2.9	ug/m3	U	ND< 6.9	ug/m3	U
Methyl Methacrylate	80-62-6	NE	NE	NE		ND< 6.5	ug/m3	U	ND< 2.7	ug/m3	U	ND< 2.9	ug/m3	U	ND< 6.9	ug/m3	U
Methylene Chloride	75-09-2	<100	100 - 1,000	>1,000	ug/m3	ND< 11	ug/m3	U	18	ug/m3		ND< 4.9	ug/m3	U	ND< 12	ug/m3	U
m-P-Xylene	136777-61-2	NE	NE	NE		39	ug/m3		38	ug/m3		47	ug/m3		54	ug/m3	
n-Heptane	142-82-5	NE	NE	NE		13000	ug/m3		200	ug/m3		98	ug/m3		710	ug/m3	
n-Hexane	110-54-3	NE	NE	NE		31000	ug/m3		520	ug/m3		170	ug/m3		1400	ug/m3	
O-Xylene (1,2-Dimethylbenzene)	95-47-6	NE	NE	NE		15	ug/m3		13	ug/m3		16	ug/m3		19	ug/m3	
Propylene	115-07-1	NE	NE	NE		9300	ug/m3		ND< 1.1	ug/m3	U	ND< 1.2	ug/m3	U	ND< 2.9	ug/m3	U
Styrene	100-42-5	NE	NE	NE		ND< 6.8	ug/m3	U	ND< 2.8	ug/m3	U	ND< 3.0	ug/m3	U	ND< 7.2	ug/m3	U
Tert-Butyl Methyl Ether	1634-04-4	NE	NE	NE		ND< 5.7	ug/m3	U	ND< 2.4	ug/m3	U	ND< 2.5	ug/m3	U	ND< 6.1	ug/m3	U
Tetrachloroethylene (PCE)	127-18-4	<100	100 - 1,000	>1,000	ug/m3	50	ug/m3		ND< 4.5	ug/m3	U	34	ug/m3		ND< 11	ug/m3	U
Tetrahydrofuran	109-99-9	NE	NE	NE		ND< 9.4	ug/m3	U	ND< 3.9	ug/m3	U	34	ug/m3		ND< 10	ug/m3	U
Toluene	108-88-3	NE	NE	NE		37	ug/m3		34	ug/m3		50	ug/m3		50	ug/m3	
Trans-1,2-Dichloroethene	156-60-5	NE	NE	NE		ND< 6.3	ug/m3	U	ND< 2.6	ug/m3	U	ND< 2.8	ug/m3	U	ND< 6.7	ug/m3	U
Trans-1,3-Dichloropropene	10061-02-6	NE	NE	NE		ND< 7.2	ug/m3	U	ND< 3.0	ug/m3	U	ND< 3.2	ug/m3	U	ND< 7.7	ug/m3	U
Trichloroethylene (TCE)	79-01-6	<6	6 - 60	>60	ug/m3	ND< 2.1	ug/m3	U	ND< 0.88	ug/m3	U	ND< 0.94	ug/m3	U	23	ug/m3	
Trichlorofluoromethane	75-69-4	NE	NE	NE		13	ug/m3		ND< 3.7	ug/m3	U	4.3	ug/m3		ND< 9.5	ug/m3	U
Vinyl Acetate	108-05-4	NE	NE	NE		ND< 5.6	ug/m3	U	ND< 2.3	ug/m3	U	ND< 2.5	ug/m3	U	ND< 6.0	ug/m3	U
Vinyl Bromide	593-60-2	NE	NE	NE		ND< 7.0	ug/m3	U	ND< 2.9	ug/m3	U	ND< 3.1	ug/m3	U	ND< 7.4	ug/m3	U
Vinyl Chloride	75-01-4	<6	6 - 60	>60	ug/m3	ND< 2.0	ug/m3	U	ND< 0.84	ug/m3	U	ND< 0.90	ug/m3	U	ND< 2.2	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;  
**Green shading indicates "No Further Action";**  
**Yellow shading indicates "Monitor";**  
**Orange shading indicates "Mitigate";**  
 NE = No standard established; &  
 ND and U = Not detected at MDL for sample.

# SOIL BORING LOGS



PVE Engineering  
 48 Springside Avenue  
 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-1

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Rain, Overcast, Sunny, 55 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0				Asphalt	
1.0				Find/medium sand, slag, gravels, brick, coal fragments, clay, coal ash, crushed rock, dark brown/black.	
2.5	GB 2'-4'				PID = 0
5.0					PID = 0
7.5					PID = 0
10.0					
10.0		CL		(CL) Clay, fine sand, silt, light brown.	
10.5				(SP) Fine sand, light brown.	
12.5		SP			PID = 0
15.0					
16.0					

Bottom of borehole at 16.0 feet.





PVE Engineering  
 48 Springside Avenue  
 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-2

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT  $\nabla$  **AT TIME OF DRILLING** 11.50 ft  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Rain, Overcast, Sunny, 55 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0				Asphalt	
1.0				Fine/medium sand, coal fragments, slag, gravels, clay, coal ash, dark brown/black.	PID = 0
2.5					
5.0	GB 4'-6'				PID = 0.3
7.5					
9.0				(SP) Fine sand, light brown.	PID = 0
10.0		SP			
12.0					

Bottom of borehole at 12.0 feet.



PVE Engineering  
 48 Springside Avenue  
 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-3

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT  $\nabla$  **AT TIME OF DRILLING** 18.60 ft  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Converted into TMW-2. **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
0.3				Topsoil. Fine/medium sand, clay, coal fragments, coal ash, gravels, dark brown/black.	PID = 0
5	GB 4'-6'				PID = 0
7.0					
7.5				Crushed rock.	
10		SP		(SP) Fine sand, clay, silt, light brown.	PID = 0
11.0					
15		SP		(SP) Fine sand, dark brown.	PID = 0
20.0					

Bottom of borehole at 20.0 feet.



PVE Engineering  
 48 Springside Avenue  
 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-4

PAGE 1 OF 1

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Rain, Overcast, Sunny, 55 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.2				Topsoil.	
2.5	GB 1'-3'			Fine sand, clay, gravel, slag, coal fragments, glass, brick, black.	PID = 0
3.5		SP		(SP) Fine sand, clay, silt, light brown.	PID = 0
6.0		SP		(SP) Fine sand, dark brown.	PID = 0
10.5		SM		(SM) Silt, fine sand, clay, light brown.	PID = 0
15.5				Silt, light brown.	
16.0					

Bottom of borehole at 16.0 feet.



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 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-5

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Borehole continuously caved in, could not advance past 12-feet. **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0				(SM) Silt, fine sand, clay, gravel, dark brown.	
2.5		SM			PID = 0
4.0				(SP) Fine sand, gravel, dark brown.	
5.0		SP			PID = 0
7.5				(SP) Fine sand, light brown.	
8.0					
10.0		SP			PID = 0
10'-12'	GB				
12.0					

Bottom of borehole at 12.0 feet.



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# BORING NUMBER SB-6

CLIENT Regan PROJECT NAME 333 Grand Avenue  
 PROJECT NUMBER 202110308 PROJECT LOCATION 333 Grand Avenue, Johnson City, New York  
 DATE STARTED 4/14/22 COMPLETED 4/14/22 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 4 inches  
 DRILLING CONTRACTOR PVE Engineering GROUND WATER LEVELS:  
 DRILLING METHOD Direct Push via GeoProbe 54DT ∇ AT TIME OF DRILLING 20.70 ft  
 LOGGED BY Trevor Treglia CHECKED BY SMA AT END OF DRILLING ---  
 NOTES Converted into TMW-1. AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				Concrete.	
0.3		SM		(SM) Silt, fine sand, clay, coal fragments, dark brown.	PID = 0
4.0		CL		(CL) Clay, fine sand, silt, gravel, light brown.	PID = 0
8.0		SP		(SP) Fine sand, dark brown.	PID = 0
10	GB 8'-12'				PID = 0
15					PID = 0
20					
24.0					

Bottom of borehole at 24.0 feet.



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# BORING NUMBER SB-7

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/14/22 **COMPLETED** 4/14/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Rain, Overcast, Sunny, 55 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0				Topsoil.	
0.5				Concrete.	
1.5				(CL) Clay, fine sand, silt, gravel, light brown.	PID = 0
2.5					
5.0		CL			PID = 0
7.5					
8.0				(SP) Fine/medium/course sand, silt, light brown.	PID = 0
10.0		SP			
12.5				(SP) Fine sand, light brown.	PID = 0
15.0	GB 14'-16'	SP			
16.0					

Bottom of borehole at 16.0 feet.



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 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-8

CLIENT Regan PROJECT NAME 333 Grand Avenue  
 PROJECT NUMBER 202110308 PROJECT LOCATION 333 Grand Avenue, Johnson City, New York  
 DATE STARTED 4/15/22 COMPLETED 4/15/22 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 4 inches  
 DRILLING CONTRACTOR PVE Engineering GROUND WATER LEVELS:  
 DRILLING METHOD Direct Push via GeoProbe 54DT AT TIME OF DRILLING ---  
 LOGGED BY Trevor Treglia CHECKED BY SMA AT END OF DRILLING ---  
 NOTES Sunny 65 Degrees AFTER DRILLING ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.5				Asphalt.	
1.0				Coal fragments.	
2.0	SP			(SP) Fine sand, clay, coal fragments, black.	
2.5				Clay, fine sand, coal fragments, slag, ash, light brown.	PID = 0
4.0				(SP) Fine sand, clay, coal fragments, ash, slag, dark brown.	PID = 0
5.0					
7.5	SP				PID = 0
10.0					
10.5				Silt, fine sand, dark brown.	PID = 0
12.5					
14.0				Slag.	
14.5				Silt, fine sand, dark brown.	
15.0					
16.0					

GB  
8'-10'

Bottom of borehole at 16.0 feet.



PVE Engineering  
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 Poughkeepsie, NY  
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# BORING NUMBER SB-9

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/15/22 **COMPLETED** 4/15/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT  **AT TIME OF DRILLING** 20.00 ft  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Converted into TMW-3. **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
0.5				Asphalt.	
1.0	CL			(CL) Clay, fine sand, slag, black.	
9.0				Fine sand, silt, coal fragments, slag, ash, dark brown.	PID = 0
9.5				Coal fragments, slag, ash.	PID = 0
10				Silt, dark brown.	PID = 0
16.0					PID = 0
20				▽	

GB  
7'-9'

Bottom of borehole at 20.0 feet.





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 Telephone: 845-454-2544

# BORING NUMBER SB-10

PAGE 1 OF 1

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/15/22 **COMPLETED** 4/15/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** 20.00 ft  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Converted into TMW-4. **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.3 Topsoil.	
		SP		(SP) Fine sand, gravel, crushed rock, silt, black.	PID = 0
5		CL		4.0 (CL) Clay, fine sand, silt, black.	
				6.0 Slag.	PID = 0
		CL		6.5 (CL) Clay, fine sand, silt, slag, black.	
		CL		7.5 (CL) Clay, fine sand, slag, ash, light brown.	
				8.0 Fine sand, slag, ash, coal fragments, black.	PID = 0
10					
	GB 12'-14'				PID = 0
				14.0 Slag.	
15		CL		14.5 (CL) Clay, fine sand, silt, light brown.	
		CL		16.0 (CL) Clay, fine sand, silt, gravel, light brown.	
20				20.0 ▽	

Bottom of borehole at 20.0 feet.



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 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-11

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/15/22 **COMPLETED** 4/15/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Sunny 65 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0					
0.3				Asphalt.	
0.7		SP		(SP) Fine sand, clay, gravel, light brown.	
				(SP) Fine sand, clay, slag, dark brown.	
2.5	GB 1'-3'	SP			PID = 0
4.0				(SP) Fine sand, gravel, clay, silt, light brown.	PID = 0
5.0					
7.5		SP			PID = 0
10.0					
12.5					PID = 0
13.0		SP		(SP) Fine sand, light/dark brown.	
15.0					
15.5		CL		(CL) Clay, fine sand, silt, light brown.	
16.0					

Bottom of borehole at 16.0 feet.



PVE Engineering  
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 Poughkeepsie, NY  
 Telephone: 845-454-2544

# BORING NUMBER SB-12

**CLIENT** Regan **PROJECT NAME** 333 Grand Avenue  
**PROJECT NUMBER** 202110308 **PROJECT LOCATION** 333 Grand Avenue, Johnson City, New York  
**DATE STARTED** 4/15/22 **COMPLETED** 4/15/22 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 4 inches  
**DRILLING CONTRACTOR** PVE Engineering **GROUND WATER LEVELS:**  
**DRILLING METHOD** Direct Push via GeoProbe 54DT **AT TIME OF DRILLING** ---  
**LOGGED BY** Trevor Treglia **CHECKED BY** SMA **AT END OF DRILLING** ---  
**NOTES** Sunny 65 Degrees **AFTER DRILLING** ---

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 4/18/22 13:40 - Z:\202110308 - 333 GRAND AVENUE & 154 ALLEN STREET, VILLAGE OF JOHNSON CITY, BROOME COUNTY, NY\SB & SV LOGS\202110308 SB LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0					
0.3				Asphalt.	
0.7				Crushed concrete.	
				(CL) Clay, fine sand, gravel, light brown.	PID = 0
5		CL			PID = 0
10				(SP) Fine sand, clay, dark brown.	PID = 0
13.0		SP			PID = 0
				Gravel.	
14.0				(SP) Fine sand, silt, light brown.	
15		SP			
16'-18'	GB				
18.0					

Bottom of borehole at 18.0 feet.

# SOIL VAPOR LOG

# VAPOR SAMPLING LOG

Project Name/Address: 333 Grand Avenue & 154 Allen Street, Johnson City, NY

PVE Project #: 202110308

Sampler(s): TGT & AS

Weather: Rain/Overcast/Sunny 55 Degrees

NOTES: \_\_\_\_\_

### KEY

Location Type:

- (A) Sub-slab
- (B) Soil vapor probe, pre-fabricated ( \_\_\_\_\_ )
- (C) Soil vapor probe, field constructed (Describe: \_\_\_\_\_ )
- (D) Ambient Air

Sampling Method:

- (A) 1-L summa canister
- (B) 6-L summa canister
- (C) Other: \_\_\_\_\_

Purge Method:

- (A) Peristaltic pump set to a flow rate  $\leq 0.2$  L/min
- (B) PID set to a flow rate  $\leq 0.2$  L/min
- (C) Other: \_\_\_\_\_

Apparent Moisture Content of Sampling Zone:

- (A) Dry
- (B) Moist
- (C) Saturated

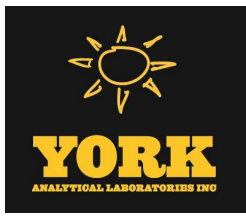
Sample ID	Location Type	Apparent Moisture	Sample Depth	Helium Tracer Test	Sampling Method	Purge Method	Purge Volume	Sample Start Date/Time	Sample End Date/Time	Canister ID	Regulator ID	Canister start vacuum	Canister end vacuum
SV-1	B	A	4'	PASS	B	4-GAS	1-3 VOL	4/14/22 8:58	4/14/22 10:45	37808	7077	-30	-3
SV-2	B	A	4'	PASS	B	4-GAS	1-3 VOL	4/14/22 9:15	4/14/22 11:21	37283	7423	-27	-1
SV-3	B	A	4'	PASS	B	4-GAS	1-3 VOL	4/14/22 9:35	4/14/22 11:50	37803	7364	-30	-4
SV-4	B	A	4'	PASS	B	4-GAS	1-3 VOL	4/14/22 9:55	4/14/22 11:58	10726	5611	-30	-1

Analytical Laboratory: York Analytical

Date Shipped to Lab: 4/18/2022

Delivery Service:    FedEx    UPS   X   Courier

## ANALYTICAL RESULTS



# Technical Report

prepared for:

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

Report Date: 04/25/2022  
**Client Project ID: 202110308**  
York Project (SDG) No.: 22D0836

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](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



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

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 04/25/2022  
Client Project ID: 202110308  
York Project (SDG) No.: 22D0836

**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 April 18, 2022 and listed below. The project was identified as your project: **202110308**.

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>
22D0836-01	SB-1 2-4 20220414	Soil	04/14/2022	04/18/2022
22D0836-02	SB-2 4-6 20220414	Soil	04/14/2022	04/18/2022
22D0836-03	SB-3 4-6 20220414	Soil	04/14/2022	04/18/2022
22D0836-04	SB-4 1-3 20220414	Soil	04/14/2022	04/18/2022
22D0836-05	SB-5 10-12 20220414	Soil	04/14/2022	04/18/2022
22D0836-06	SB-6 2-4 20220414	Soil	04/14/2022	04/18/2022
22D0836-07	SB-7 14-16 20220414	Soil	04/14/2022	04/18/2022
22D0836-08	SB-8 8-10 20220415	Soil	04/15/2022	04/18/2022
22D0836-09	SB-9 7-9 20220415	Soil	04/15/2022	04/18/2022
22D0836-10	SB-10 12-14 20220415	Soil	04/15/2022	04/18/2022
22D0836-11	SB-11 1-3 20220415	Soil	04/15/2022	04/18/2022
22D0836-12	SB-12 16-18 20220415	Soil	04/15/2022	04/18/2022
22D0836-13	TMW-1 20220415	Water	04/15/2022	04/18/2022
22D0836-14	TMW-2 20220415	Water	04/15/2022	04/18/2022
22D0836-15	TMW-3 20220415	Water	04/15/2022	04/18/2022
22D0836-16	TMW-4 20220415	Water	04/15/2022	04/18/2022



## **General Notes for York Project (SDG) No.: 22D0836**

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

**Approved By:** 

**Date:** 04/25/2022

Cassie L. Mosher  
Laboratory Manager





### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0836	202110308	Soil	April 14, 2022 10:30 am	04/18/2022

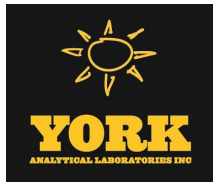
**Volatile Organics, 8260 - Comprehensive**

**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		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:13	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:13	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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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
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 13:13	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:13	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:13	BMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.7 %	76-130								

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>0.0701</b>	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
83-32-9	<b>Acenaphthene</b>	<b>0.0686</b>	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
208-96-8	<b>Acenaphthylene</b>	<b>0.194</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
120-12-7	<b>Anthracene</b>	<b>0.307</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>1.43</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 14, 2022 10:30 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	1.61		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
205-99-2	Benzo(b)fluoranthene	1.41		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
191-24-2	Benzo(g,h,i)perylene	0.952		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
207-08-9	Benzo(k)fluoranthene	1.40		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
86-74-8	Carbazole	0.103		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
218-01-9	Chrysene	1.51		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
53-70-3	Dibenzo(a,h)anthracene	0.406		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH





### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 16:33	KH
206-44-0	<b>Fluoranthene</b>	<b>2.65</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
86-73-7	<b>Fluorene</b>	<b>0.0808</b>	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>1.07</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
91-20-3	<b>Naphthalene</b>	<b>0.0672</b>	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
85-01-8	<b>Phenanthrene</b>	<b>0.985</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
129-00-0	<b>Pyrene</b>	<b>2.18</b>		mg/kg dry	0.0448	0.0895	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 16:33	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.0 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	22.0 %	S-08	23-114							



### Sample Information

**Client Sample ID:** SB-1 2-4 20220414

**York Sample ID:** 22D0836-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0836	202110308	Soil	April 14, 2022 10:30 am	04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	26.1 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	49.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	44.7 %			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	7.89		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7440-39-3	Barium	184		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7440-43-9	Cadmium	1.69		mg/kg dry	0.325	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7440-47-3	Chromium	16.7		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7439-92-1	Lead	226		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:17	KT

**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	0.890		mg/kg dry	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 11:48	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	92.3		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:41	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:41	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC



**Sample Information**

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 14, 2022 10:50 am

04/18/2022

**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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
79-20-9	<b>Methyl acetate</b>	<b>0.0031</b>	<b>J</b>	mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.011</b>	<b>J</b>	mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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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
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 13:41	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 13:41	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 13:41	BMC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	97.7 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.1 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
62-53-3	Aniline	ND		mg/kg dry	0.226	0.452	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
92-87-5	Benzidine	ND		mg/kg dry	0.226	0.452	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.290</b>		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH





### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	0.296		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
205-99-2	Benzo(b)fluoranthene	0.344		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
191-24-2	Benzo(g,h,i)perylene	0.221		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
207-08-9	Benzo(k)fluoranthene	0.279		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
218-01-9	Chrysene	0.385		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
53-70-3	Dibenzo(a,h)anthracene	0.0875	J	mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

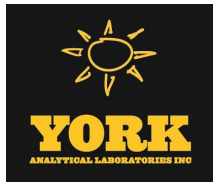
Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 17:06	KH
206-44-0	<b>Fluoranthene</b>	<b>0.494</b>		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.234</b>		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
85-01-8	<b>Phenanthrene</b>	<b>0.278</b>		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
108-95-2	Phenol	ND		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH
129-00-0	<b>Pyrene</b>	<b>0.387</b>		mg/kg dry	0.0565	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:06	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	38.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	46.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	79.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	63.2 %			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	<b>Arsenic</b>	<b>2.85</b>		mg/kg dry	2.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7440-39-3	<b>Barium</b>	<b>57.7</b>		mg/kg dry	3.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.410	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7440-47-3	<b>Chromium</b>	<b>14.2</b>		mg/kg dry	0.683	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7439-92-1	<b>Lead</b>	<b>19.8</b>		mg/kg dry	0.683	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7782-49-2	Selenium	ND		mg/kg dry	3.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT
7440-22-4	Silver	ND		mg/kg dry	0.683	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:20	KT

**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	<b>Mercury</b>	<b>0.0429</b>		mg/kg dry	0.0410	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:01	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	73.2		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW



**Sample Information**

**Client Sample ID:** SB-2 4-6 20220414

**York Sample ID:** 22D0836-02

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 10:50 am	<u>Date Received</u> 04/18/2022
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**Sample Information**

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:08	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:08	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
67-64-1	Acetone	0.0092	J	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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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
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.021</b>		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 14, 2022 11:20 am

04/18/2022

**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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 14:08	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:08	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:08	BMC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	114 %	77-125
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	98.3 %	85-120
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	96.8 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>0.0797</b>	<b>J</b>	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH





### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
208-96-8	<b>Acenaphthylene</b>	<b>0.0649</b>	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
120-12-7	<b>Anthracene</b>	<b>0.152</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.705</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.972</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.853</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.694</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.819</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
86-74-8	<b>Carbazole</b>	<b>0.0760</b>	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
218-01-9	<b>Chrysene</b>	<b>0.746</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>0.257</b>		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	0.0819	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 17:40	KH
206-44-0	Fluoranthene	1.03		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
86-73-7	Fluorene	0.0561	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.726		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
91-20-3	Naphthalene	0.0959		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
85-01-8	Phenanthrene	0.559		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH
129-00-0	Pyrene	0.825		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 17:40	KH



### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	42.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	48.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	68.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.7 %			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	<b>Arsenic</b>	<b>4.03</b>		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7440-39-3	<b>Barium</b>	<b>83.6</b>		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7440-43-9	<b>Cadmium</b>	<b>3.16</b>		mg/kg dry	0.339	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7440-47-3	<b>Chromium</b>	<b>25.8</b>		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7439-92-1	<b>Lead</b>	<b>147</b>		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT
7440-22-4	<b>Silver</b>	<b>0.972</b>		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:22	KT

**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	<b>Mercury</b>	<b>1.64</b>		mg/kg dry	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:10	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
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### Sample Information

**Client Sample ID:** SB-3 4-6 20220414

**York Sample ID:** 22D0836-03

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 11:20 am	<u>Date Received</u> 04/18/2022
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**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	88.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:36	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:36	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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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
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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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
75-09-2	Methylene chloride	0.013		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 14:36	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 14:36	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 14:36	BMC





### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			0.224	0.447	10	EPA 8270D	04/21/2022 13:14	04/22/2022 18:15	KH
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %			0.224	0.447	10	EPA 8270D	04/21/2022 13:14	04/22/2022 18:15	KH
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.8 %			0.224	0.447	10	EPA 8270D	04/21/2022 13:14	04/22/2022 18:15	KH

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
62-53-3	Aniline	ND		mg/kg dry	0.896	1.79	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
120-12-7	Anthracene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
92-87-5	Benzidine	ND		mg/kg dry	0.896	1.79	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.422</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.515</b>		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.383</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.372</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.415</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 14, 2022 12:15 pm

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
218-01-9	<b>Chrysene</b>	<b>0.440</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.447	0.894	10	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 18:15	KH
206-44-0	<b>Fluoranthene</b>	<b>0.984</b>		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
86-73-7	Fluorene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.404</b>	J	mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
78-59-1	Isophorone	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
85-01-8	<b>Phenanthrene</b>	<b>0.619</b>		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
108-95-2	Phenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
129-00-0	<b>Pyrene</b>	<b>0.744</b>		mg/kg dry	0.224	0.447	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:15	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURRE: 2-Fluorophenol	46.8 %	20-108								
4165-62-2	Surrogate: SURRE: Phenol-d5	24.4 %	23-114								
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	25.6 %	22-108								
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	45.6 %	21-113								
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	63.2 %	19-110								
1718-51-0	Surrogate: SURRE: Terphenyl-d14	50.4 %	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	<b>Arsenic</b>	<b>4.17</b>		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT
7440-39-3	<b>Barium</b>	<b>131</b>		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT
7440-43-9	<b>Cadmium</b>	<b>1.37</b>		mg/kg dry	0.329	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT
7440-47-3	<b>Chromium</b>	<b>15.2</b>		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT
7439-92-1	<b>Lead</b>	<b>454</b>		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT



### Sample Information

**Client Sample ID:** SB-4 1-3 20220414

**York Sample ID:** 22D0836-04

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**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
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:25	KT

**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	0.0828		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:23	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	91.1		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:03	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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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
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:03	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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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
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC





### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.047</b>		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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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
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 15:03	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:03	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:03	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	97.9 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.0 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0865	0.173	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 18:49	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH



### Sample Information

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0865	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 18:49	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	51.1 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	38.8 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	41.6 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.0 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.5 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	56.4 %	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
120 RESEARCH DRIVE	STRATFORD, CT 06615		■		132-02 89th AVENUE			RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371				FAX (203) 357-0166			ClientServices@		



**Sample Information**

**Client Sample ID:** SB-5 10-12 20220414

**York Sample ID:** 22D0836-05

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 1:00 pm	<u>Date Received</u> 04/18/2022
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**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	3.85		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7440-39-3	Barium	29.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7440-47-3	Chromium	9.50		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7439-92-1	Lead	4.74		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:28	KT

**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	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:32	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	94.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

**Sample Information**

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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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		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:31	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:31	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC





### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
67-64-1	<b>Acetone</b>	<b>0.017</b>		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.025</b>		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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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
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 15:31	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:31	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:31	BMC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	113 %
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	96.5 %
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	98.4 %

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
208-96-8	<b>Acenaphthylene</b>	<b>0.137</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
120-12-7	<b>Anthracene</b>	<b>0.0908</b>	J	mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.365</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.354</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.290</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.226</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.348</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
218-01-9	<b>Chrysene</b>	<b>0.386</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>0.0737</b>	J	mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 19:22	KH
206-44-0	<b>Fluoranthene</b>	<b>0.540</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.257</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
85-01-8	<b>Phenanthrene</b>	<b>0.145</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
129-00-0	<b>Pyrene</b>	<b>0.385</b>		mg/kg dry	0.0508	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:22	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.4 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	43.6 %	23-114								



### Sample Information

**Client Sample ID:** SB-6 2-4 20220414

**York Sample ID:** 22D0836-06

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 2:20 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	75.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	64.6 %			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	ND		mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7440-39-3	Barium	75.8		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.372	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7440-47-3	Chromium	12.1		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7439-92-1	Lead	9.00		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7782-49-2	Selenium	ND		mg/kg dry	3.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT
7440-22-4	Silver	ND		mg/kg dry	0.620	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:30	KT

**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	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:42	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	80.7		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW





### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:59	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:59	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
67-64-1	<b>Acetone</b>	<b>0.0067</b>	<b>J</b>	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.025</b>		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 14, 2022 4:00 pm

04/18/2022

**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
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 15:59	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 15:59	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 15:59	BMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	117 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	96.9 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.6 %	76-130								

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH



### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 19:56	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 19:56	KH





### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	50.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.8 %			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	<b>Arsenic</b>	<b>5.46</b>		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7440-39-3	<b>Barium</b>	<b>32.0</b>		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7440-47-3	<b>Chromium</b>	<b>13.6</b>		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7439-92-1	<b>Lead</b>	<b>8.61</b>		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 17:46	04/21/2022 16:33	KT

**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	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 12:51	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
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### Sample Information

**Client Sample ID:** SB-7 14-16 20220414

**York Sample ID:** 22D0836-07

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 14, 2022 4:00 pm	<u>Date Received</u> 04/18/2022
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**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	93.6		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:26	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:26	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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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
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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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
75-09-2	Methylene chloride	0.037		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 16:26	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:26	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:26	BMC



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	119 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.3 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.1 %			76-130						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>0.0893</b>	J	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH





### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
218-01-9	<b>Chrysene</b>	<b>0.0547</b>	J	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 20:31	KH
206-44-0	<b>Fluoranthene</b>	<b>0.0727</b>	J	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
91-20-3	<b>Naphthalene</b>	<b>0.0727</b>	J	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
85-01-8	<b>Phenanthrene</b>	<b>0.106</b>		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
129-00-0	<b>Pyrene</b>	<b>0.0576</b>	J	mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 20:31	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	31.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	36.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	56.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.7 %	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	<b>Arsenic</b>	<b>5.81</b>		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT
7440-39-3	<b>Barium</b>	<b>56.9</b>		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT
7440-43-9	<b>Cadmium</b>	<b>0.546</b>		mg/kg dry	0.325	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT
7440-47-3	<b>Chromium</b>	<b>13.3</b>		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT
7439-92-1	<b>Lead</b>	<b>28.5</b>		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:22	KT



### Sample Information

**Client Sample ID:** SB-8 8-10 20220415

**York Sample ID:** 22D0836-08

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:30 am	<u>Date Received</u> 04/18/2022
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**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
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/25/2022 17:22	KT

**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	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 13:01	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	92.3		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:54	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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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
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:54	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
67-64-1	Acetone	0.0090	J	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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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
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.023</b>		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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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
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 16:54	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 16:54	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 16:54	BMC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	119 %	77-125
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	97.7 %	85-120
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	98.4 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH





### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH



## Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 21:06	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH



### Sample Information

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:06	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: SURR: 2-Fluorophenol	45.7 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	40.8 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	37.3 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.6 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	68.5 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	53.4 %	24-116

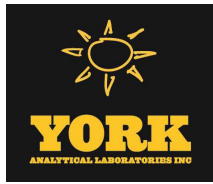
**Metals, RCRA**

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



**Sample Information**

**Client Sample ID:** SB-9 7-9 20220415

**York Sample ID:** 22D0836-09

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 8:55 am	<u>Date Received</u> 04/18/2022
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**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	ND		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7440-39-3	Barium	30.4		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7440-43-9	Cadmium	0.410		mg/kg dry	0.319	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7440-47-3	Chromium	30.6		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7439-92-1	Lead	79.1		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:24	KT

**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	0.0319	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 13:10	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	94.1		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

**Sample Information**

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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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		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 17:22	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 17:22	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.073	0.15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
67-64-1	<b>Acetone</b>	<b>0.0096</b>	J	mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.017</b>		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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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
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 17:22	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 17:22	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 17:22	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	118 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	96.6 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.3 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH





### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

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		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>0.108</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
62-53-3	Aniline	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>0.161</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>0.216</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 10:00 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>0.260</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>0.204</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>0.204</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
218-01-9	<b>Chrysene</b>	<b>0.287</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>0.0811</b>	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		mg/kg dry	0.100	0.201	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 21:41	KH
206-44-0	<b>Fluoranthene</b>	<b>0.222</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.210</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
91-20-3	<b>Naphthalene</b>	<b>0.0835</b>	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
85-01-8	<b>Phenanthrene</b>	<b>0.149</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
108-95-2	Phenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
129-00-0	<b>Pyrene</b>	<b>0.182</b>		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 21:41	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	44.6 %	23-114								



### Sample Information

**Client Sample ID:** SB-10 12-14 20220415

**York Sample ID:** 22D0836-10

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:00 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.5 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.4 %			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	<b>Arsenic</b>	<b>7.50</b>		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7440-39-3	<b>Barium</b>	<b>106</b>		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7440-47-3	<b>Chromium</b>	<b>20.7</b>		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7439-92-1	<b>Lead</b>	<b>11.6</b>		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT
7440-22-4	Silver	ND		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:27	KT

**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	04/25/2022 10:04	04/25/2022 13:20	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	82.2		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/21/2022 06:10	04/21/2022 10:06	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/21/2022 06:10	04/21/2022 10:06	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
67-64-1	<b>Acetone</b>	<b>0.013</b>		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.012</b>		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC





### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 10:40 am

04/18/2022

**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
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH	04/21/2022 06:10	04/21/2022 10:06	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/21/2022 06:10	04/21/2022 10:06	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/21/2022 06:10	04/21/2022 10:06	BMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	96.9 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	110 %	76-130								

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 10:40 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
83-32-9	<b>Acenaphthene</b>	<b>0.115</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
62-53-3	Aniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
120-12-7	<b>Anthracene</b>	<b>1.61</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.359	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>4.43</b>		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 10:40 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	3.77		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
205-99-2	Benzo(b)fluoranthene	5.32		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
191-24-2	Benzo(g,h,i)perylene	2.75		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
207-08-9	Benzo(k)fluoranthene	3.09		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
86-74-8	Carbazole	0.208		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
218-01-9	Chrysene	5.47		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
53-70-3	Dibenzo(a,h)anthracene	1.09		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 22:15	KH
206-44-0	<b>Fluoranthene</b>	<b>4.24</b>		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
86-73-7	<b>Fluorene</b>	<b>0.126</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>2.65</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
91-20-3	<b>Naphthalene</b>	<b>0.108</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
85-01-8	<b>Phenanthrene</b>	<b>1.56</b>		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
108-95-2	Phenol	ND		mg/kg dry	0.0450	0.0897	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:15	KH
129-00-0	<b>Pyrene</b>	<b>5.72</b>		mg/kg dry	0.225	0.449	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/25/2022 10:27	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.4 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	57.2 %		23-114							



### Sample Information

**Client Sample ID:** SB-11 1-3 20220415

**York Sample ID:** 22D0836-11

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 10:40 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	80.0 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.3 %			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	<b>Arsenic</b>	<b>2.05</b>		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7440-39-3	<b>Barium</b>	<b>53.6</b>		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7440-47-3	<b>Chromium</b>	<b>17.7</b>		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7439-92-1	<b>Lead</b>	<b>238</b>		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:30	KT

**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	<b>Mercury</b>	<b>0.0438</b>		mg/kg dry	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 13:59	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	<b>* % Solids</b>	<b>91.7</b>		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 18:17	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 18:17	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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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
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC





### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-09-2	<b>Methylene chloride</b>	<b>0.031</b>		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 11:10 am

04/18/2022

**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
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH	04/20/2022 06:38	04/20/2022 18:17	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:38	04/20/2022 18:17	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:38	04/20/2022 18:17	BMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	118 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.6 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.4 %			76-130						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D Certifications:	04/21/2022 13:14	04/22/2022 22:49	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 13:14	04/22/2022 22:49	KH



### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Soil

April 15, 2022 11:10 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
367-12-4	Surrogate: SURR: 2-Fluorophenol	68.1 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	54.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	60.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	81.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.3 %			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	<b>Arsenic</b>	<b>5.21</b>		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7440-39-3	<b>Barium</b>	<b>44.2</b>		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7440-47-3	<b>Chromium</b>	<b>13.5</b>		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7439-92-1	<b>Lead</b>	<b>9.91</b>		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/21/2022 06:45	04/22/2022 17:39	KT

**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	<b>Mercury</b>	<b>6.02</b>		mg/kg dry	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/25/2022 10:04	04/25/2022 15:48	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
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### Sample Information

**Client Sample ID:** SB-12 16-18 20220415

**York Sample ID:** 22D0836-12

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil	<u>Collection Date/Time</u> April 15, 2022 11:10 am	<u>Date Received</u> 04/18/2022
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**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	88.7		%	0.100	1	SM 2540G Certifications: CTDOH	04/22/2022 13:01	04/22/2022 20:34	MEW

### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG





### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
67-64-1	<b>Acetone</b>	<b>1.4</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 8:15 am

04/18/2022

**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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
67-66-3	<b>Chloroform</b>	<b>0.20</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 8:15 am

04/18/2022

**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
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,NJDEP	04/20/2022 06:00	04/20/2022 15:50	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 15:50	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:00	04/20/2022 15:50	JTG



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

York Project (SDG) No.

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202110308

Water

April 15, 2022 8:15 am

04/18/2022

**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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	124 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.3 %			79-122						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
1912-24-9	Atrazine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
92-87-5	Benzidine	ND		ug/L	10.8	21.6	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.595</b>	<b>B</b>	ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH



**Sample Information**

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
122-39-4	* Diphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/20/2022 13:38	04/21/2022 14:15	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH



### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 8:15 am

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 14:15	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.5 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	16.5 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	58.6 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.8 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.1 %			30.7-106						

**Metals, RCRA (no Hg) by 6020, Dissolved**

**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		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7440-39-3	<b>Barium</b>	<b>43.8</b>		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7440-47-3	<b>Chromium</b>	<b>4.04</b>	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:37	RTH





### Sample Information

**Client Sample ID:** TMW-1 20220415

**York Sample ID:** 22D0836-13

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 8:15 am	<u>Date Received</u> 04/18/2022
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**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	04/21/2022 17:15	04/21/2022 17:15	AA

### Sample Information

**Client Sample ID:** TMW-2 20220415

**York Sample ID:** 22D0836-14

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG



### Sample Information

**Client Sample ID:** TMW-2 20220415

**York Sample ID:** 22D0836-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
67-64-1	<b>Acetone</b>	<b>1.4</b>	<b>J</b>	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG



### Sample Information

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202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG



### Sample Information

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202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
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,NJDEP	04/20/2022 06:00	04/20/2022 16:17	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:17	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:00	04/20/2022 16:17	JTG



### Sample Information

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202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**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
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	128 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.3 %			79-122						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH



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202110308

Water

April 15, 2022 12:15 pm

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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH



### Sample Information

**Client Sample ID:** TMW-2 20220415

**York Sample ID:** 22D0836-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>0.500</b>	<b>B</b>	ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH



### Sample Information

**Client Sample ID:** TMW-2 20220415

**York Sample ID:** 22D0836-14

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 12:15 pm	<u>Date Received</u> 04/18/2022
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	04/20/2022 13:38	04/21/2022 15:24	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH





### Sample Information

**Client Sample ID:** TMW-2 20220415

**York Sample ID:** 22D0836-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 12:15 pm

04/18/2022

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

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
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/20/2022 13:38	04/21/2022 15:24	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.8 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	13.5 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.8 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.8 %			30.7-106						

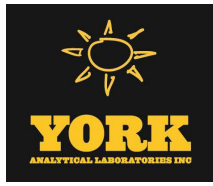
**Metals, RCRA (no Hg) by 6020, Dissolved**

**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		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7440-39-3	<b>Barium</b>	<b>129</b>		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7440-47-3	<b>Chromium</b>	<b>2.70</b>	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:41	RTH



Sample Information

Client Sample ID: TMW-2 20220415

York Sample ID: 22D0836-14

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 22D0836, 202110308, Water, April 15, 2022 12:15 pm, 04/18/2022

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury, ND, mg/L, 0.0002, 1, EPA 7470, 04/21/2022 17:15, AA

Sample Information

Client Sample ID: TMW-3 20220415

York Sample ID: 22D0836-15

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 22D0836, 202110308, Water, April 15, 2022 1:15 pm, 04/18/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organics like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



### Sample Information

**Client Sample ID:** TMW-3 20220415

**York Sample ID:** 22D0836-15

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 1:15 pm	<u>Date Received</u> 04/18/2022
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**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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
78-93-3	<b>2-Butanone</b>	<b>1.8</b>	Cal-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
591-78-6	<b>2-Hexanone</b>	<b>0.42</b>	Cal-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
67-64-1	<b>Acetone</b>	<b>11</b>		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
71-43-2	<b>Benzene</b>	<b>0.26</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG



### Sample Information

**Client Sample ID:** TMW-3 20220415

**York Sample ID:** 22D0836-15

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 1:15 pm	<u>Date Received</u> 04/18/2022
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**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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
110-82-7	<b>Cyclohexane</b>	<b>0.42</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG



### Sample Information

**Client Sample ID:** TMW-3 20220415

**York Sample ID:** 22D0836-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 1:15 pm

04/18/2022

**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
108-88-3	<b>Toluene</b>	<b>0.25</b>	<b>J</b>	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
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,NJDEP	04/20/2022 06:00	04/20/2022 16:44	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 16:44	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:00	04/20/2022 16:44	JTG



### Sample Information

**Client Sample ID:** TMW-3 20220415

**York Sample ID:** 22D0836-15

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 1:15 pm	<u>Date Received</u> 04/18/2022
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**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
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	126 %									
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %									
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.6 %									

**Metals, RCRA (no Hg) by 6020, Dissolved**

**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	5.54		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7440-39-3	Barium	162		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7440-43-9	Cadmium	0.643		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7440-47-3	Chromium	2.16	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:44	RTH

**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	04/21/2022 17:15	04/21/2022 17:15	AA

### Sample Information

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 2:00 pm	<u>Date Received</u> 04/18/2022
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### Sample Information

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 2:00 pm	<u>Date Received</u> 04/18/2022
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**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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
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,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG



### Sample Information

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 2:00 pm

04/18/2022

**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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
78-93-3	<b>2-Butanone</b>	<b>1.3</b>	Cal-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
591-78-6	<b>2-Hexanone</b>	<b>0.26</b>	Cal-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
67-64-1	<b>Acetone</b>	<b>11</b>		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-15-0	<b>Carbon disulfide</b>	<b>0.50</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG





### Sample Information

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 2:00 pm

04/18/2022

**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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG



### Sample Information

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0836

202110308

Water

April 15, 2022 2:00 pm

04/18/2022

**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
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
108-88-3	<b>Toluene</b>	<b>0.28</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
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,NJDEP	04/20/2022 06:00	04/20/2022 17:11	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/20/2022 06:00	04/20/2022 17:11	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/20/2022 06:00	04/20/2022 17:11	JTG
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	130 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	102 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	99.9 %	79-122								

**Metals, RCRA (no Hg) by 6020, Dissolved**

**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	2.48		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH
7440-39-3	Barium	92.2		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH



**Sample Information**

**Client Sample ID:** TMW-4 20220415

**York Sample ID:** 22D0836-16

<u>York Project (SDG) No.</u> 22D0836	<u>Client Project ID</u> 202110308	<u>Matrix</u> Water	<u>Collection Date/Time</u> April 15, 2022 2:00 pm	<u>Date Received</u> 04/18/2022
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**Metals, RCRA (no Hg) by 6020, Dissolved**

**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
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH
7440-47-3	Chromium	2.21	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH
7782-49-2	Selenium	5.22		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/19/2022 09:47	04/20/2022 14:47	RTH

**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	04/21/2022 17:15	04/21/2022 17:15	AA



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D0836-01	SB-1 2-4 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-02	SB-2 4-6 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-03	SB-3 4-6 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-04	SB-4 1-3 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-05	SB-5 10-12 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-06	SB-6 2-4 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-07	SB-7 14-16 20220414	40mL Vial with Stir Bar-Cool 4° C
22D0836-08	SB-8 8-10 20220415	40mL Vial with Stir Bar-Cool 4° C
22D0836-09	SB-9 7-9 20220415	40mL Vial with Stir Bar-Cool 4° C
22D0836-10	SB-10 12-14 20220415	40mL Vial with Stir Bar-Cool 4° C
22D0836-11	SB-11 1-3 20220415	40mL Vial with Stir Bar-Cool 4° C
22D0836-12	SB-12 16-18 20220415	40mL Vial with Stir Bar-Cool 4° C
22D0836-13	TMW-1 20220415	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0836-14	TMW-2 20220415	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0836-15	TMW-3 20220415	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0836-16	TMW-4 20220415	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

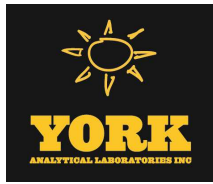


## Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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 current NELAC/TNI 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.

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



**YOUR INFORMATION**

Company: PVE Engineering  
Address: 48 Spring Side Avenue  
Poughkeepsie, NY 12603  
Phone: 845-454-2574  
Contact: Trevor Taglio  
E-mail: ttaglio@pve.com

**Report To:**

Company: Same  
Address: Same  
Phone: Same  
Contact: Carlos Tarchel  
E-mail: ctarchel@yorklab.com

**Invoice To:**

Company: Same  
Address: Same  
Phone: Same  
Contact: Tere Alvarado  
E-mail: Talvarado@yorklab.com

**YOUR Project Number**

202110308  
YOUR Project Name  
202110308

**Turn-Around Time**

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

YORK Project No.  
2210856

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 of 2

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	<input checked="" type="checkbox"/> Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	<input type="checkbox"/> QA Report	
DW - drinking water	Connecticut	<input type="checkbox"/> NY ASP A Package	
WW - wastewater	Pennsylvania	<input type="checkbox"/> NY ASP B Package	
O - Oil / Other	Other	<input type="checkbox"/> NJDKQP	
Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
S	4-14-22 / 10:30	Comprehensive VOCs via USEPA Method 8260	MINIPLATE
	10:50	TCL VOCs via USEPA Method 8270	1 5005 mL 1 502
	11:20	RCRA Metals via USEPA Method 6010 and 7343	(each)
	12:15		
	13:00		
	14:20		
	16:00		
	4/13/22 / 8:30		
	18:55		
	10:00		

**Comments:**  
 Preservation: (check all that apply)  
 HCl \_\_\_ MeOH \_\_\_ HNO3 \_\_\_ H2SO4 \_\_\_ NaOH \_\_\_ ZnAc \_\_\_  
 Ascorbic Acid \_\_\_ Other: \_\_\_  
 Date/Time: 4-18-22  
 Samples Relinquished by / Company: Chic York  
 Date/Time: 4-18-22  
 Samples Received by / Company: Chic York  
 Date/Time: 4-18-22  
 Samples Relinquished by / Company: Chic York  
 Date/Time: 4-18-22  
 Samples Received in LAB by: Chic York  
 Date/Time: 4-18-22  
 Temp. Received at Lab: 5.0



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


**YORK**  
 ANALYTICAL LABORATORIES, INC.

# Field Chain-of-Custody Record

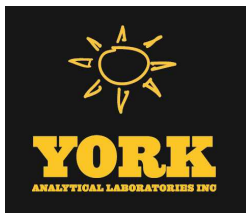
YORK Project No. 22100856

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: <u>PVC ENGINEERING</u>	Company: <u>Some</u>	Company: <u>Some</u>	Company: <u>Some</u>	Company: <u>Some</u>	Company: <u>Some</u>	Company: <u>Some</u>	Company: <u>Some</u>	RUSH - Next Day			
Address: <u>48 Springdale Avenue</u>	Address: <u>Some</u>	Address: <u>Some</u>	Address: <u>Some</u>	Address: <u>Some</u>	Address: <u>Some</u>	Address: <u>Some</u>	Address: <u>Some</u>	RUSH - Two Day			
Phone: <u>Roughkempole, NY 14623</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	Phone: <u>Some</u>	RUSH - Three Day			
Contact: <u>TREVOR TRAYLOR</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	Contact: <u>Some</u>	RUSH - Four Day			
E-mail: <u>ttraylor@pvc-llc.com</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	E-mail: <u>Some</u>	Standard (5-7 Day)	<input checked="" type="checkbox"/>		
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. <u>Trevor Traylor</u> Samples Collected by: (print your name above and sign below) 		<b>Matrix Codes</b> S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other		<b>Report / EDD Type</b> (circle selections) <input checked="" type="checkbox"/> Summary Report <input type="checkbox"/> QA Report <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDKQP <input type="checkbox"/> Other:		<b>Report / EDD Type</b> (circle selections) Standard Excel EDD EQUIS (Standard) NYSPEC EQUIS NUDEP SRP HazSite Other:		<b>YORK Reg. Comp.</b> Compared to the following Regulation(s): (please fill in)		<b>Container Description</b> <u>1 5036 MW 1802</u> <u>(each soil)</u> <u>3 HCL LAB, 1</u> <u>Ambers, 1 NPLC</u> <u>(each GW)</u>	
<b>Sample Identification</b> SB-11-13 20220415 SB-12 16-18 20220415		<b>Sample Matrix</b> S O		<b>Date/Time Sampled</b> 4/15/22 10:40 6/11/20		<b>Analysis Requested</b> Comprehensive VOCs via SW60, TCL SVOCs via SW70, RCRA Metals via SW10 and SW3 (FIELD FILTERED FOR GW)		<b>Preservation:</b> (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___		<b>Special Instruction</b> Field Filtered <input checked="" type="checkbox"/> Lab to Filter ___	
<b>Comments:</b>		<b>Sample Matrix</b> GW		<b>Date/Time Sampled</b> 4/15/22 08:15 / 12:15 / 13:15 6/14/20		<b>Analysis Requested</b> TMW-1 Full set TMW-2 only Comp VOCs and RCRA Metals TMW-3 Full set TMW-4 only Comp VOCs and RCRA Metals		<b>Special Instruction</b> Field Filtered <input checked="" type="checkbox"/> Lab to Filter ___		<b>Date/Time</b> 4-18-22 4-18-22 4-18-22 4-18-22	
<b>Samples Relinquished by / Company</b> <u>SP1/PVC</u>		<b>Samples Relinquished by / Company</b> <u>Chie York</u>		<b>Samples Relinquished by / Company</b> <u>Chie York</u>		<b>Samples Relinquished by / Company</b> <u>Chie York</u>		<b>Samples Relinquished by / Company</b> <u>Chie York</u>		<b>Samples Relinquished by / Company</b> <u>Chie York</u>	





# Technical Report

prepared for:

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

Report Date: 05/02/2022  
**Client Project ID: 202110308**  
York Project (SDG) No.: 22D0837

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](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



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

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 05/02/2022  
Client Project ID: 202110308  
York Project (SDG) No.: 22D0837

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

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## 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 April 18, 2022 and listed below. The project was identified as your project: **202110308**.

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>
22D0837-01	SV-1 20220414	Soil Vapor	04/14/2022	04/18/2022
22D0837-02	SV-2 20220414	Soil Vapor	04/14/2022	04/18/2022
22D0837-03	SV-3 20220414	Soil Vapor	04/14/2022	04/18/2022
22D0837-04	SV-4 20220414	Soil Vapor	04/14/2022	04/18/2022

## **General Notes for York Project (SDG) No.: 22D0837**

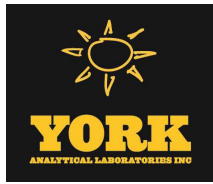
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.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

**Approved By:** 

**Date:** 05/02/2022

Cassie L. Mosher  
Laboratory Manager





### Sample Information

**Client Sample ID:** SV-1 20220414

**York Sample ID:** 22D0837-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
22D0837	202110308	Soil Vapor	April 14, 2022 8:50 am	04/18/2022

**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 <sup>3</sup>	11	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	8.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-34-3	<b>1,1-Dichloroethane</b>	<b>24</b>		ug/m <sup>3</sup>	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>22</b>		ug/m <sup>3</sup>	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	12	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	6.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	7.4	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	7.4	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ



### Sample Information

**Client Sample ID:** SV-1 20220414

**York Sample ID:** 22D0837-01

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 8:50 am	<u>Date Received</u> 04/18/2022
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**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
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	9.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
78-93-3	<b>2-Butanone</b>	<b>17</b>		ug/m <sup>3</sup>	4.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	13	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	25	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
67-64-1	<b>Acetone</b>	<b>170</b>		ug/m <sup>3</sup>	7.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
71-43-2	<b>Benzene</b>	<b>20</b>		ug/m <sup>3</sup>	5.1	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	8.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	16	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	6.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-15-0	<b>Carbon disulfide</b>	<b>30</b>		ug/m <sup>3</sup>	5.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	7.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	4.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
67-66-3	<b>Chloroform</b>	<b>71</b>		ug/m <sup>3</sup>	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ



## Sample Information

**Client Sample ID:** SV-1 20220414

**York Sample ID:** 22D0837-01

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 8:50 am	<u>Date Received</u> 04/18/2022
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**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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
110-82-7	<b>Cyclohexane</b>	<b>27</b>		ug/m <sup>3</sup>	5.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	7.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ
100-41-4	<b>Ethyl Benzene</b>	<b>40</b>		ug/m <sup>3</sup>	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	17	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	7.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	6.5	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	5.7	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
142-82-5	<b>n-Heptane</b>	<b>13000</b>		ug/m <sup>3</sup>	260	638	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/01/2022 05:54	05/01/2022 10:22	LLJ
110-54-3	<b>n-Hexane</b>	<b>31000</b>		ug/m <sup>3</sup>	220	638	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/01/2022 05:54	05/01/2022 10:22	LLJ
95-47-6	<b>o-Xylene</b>	<b>15</b>		ug/m <sup>3</sup>	6.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>39</b>		ug/m <sup>3</sup>	14	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
622-96-8	* <b>p-Ethyltoluene</b>	<b>23</b>		ug/m <sup>3</sup>	7.8	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ
115-07-1	* <b>Propylene</b>	<b>9300</b>		ug/m <sup>3</sup>	110	638	EPA TO-15 Certifications:	05/01/2022 05:54	05/01/2022 10:22	LLJ
100-42-5	Styrene	ND		ug/m <sup>3</sup>	6.8	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
127-18-4	<b>Tetrachloroethylene</b>	<b>50</b>		ug/m <sup>3</sup>	11	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ



### Sample Information

**Client Sample ID:** SV-1 20220414

**York Sample ID:** 22D0837-01

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 8:50 am	<u>Date Received</u> 04/18/2022
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**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	ND		ug/m <sup>3</sup>	9.4	15.91	EPA TO-15 Certifications:	04/30/2022 05:54	04/30/2022 18:35	LLJ
108-88-3	<b>Toluene</b>	<b>37</b>		ug/m <sup>3</sup>	6.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	6.3	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.2	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	2.1	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>13</b>		ug/m <sup>3</sup>	8.9	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	5.6	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	7.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	2.0	15.91	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/30/2022 05:54	04/30/2022 18:35	LLJ

### Sample Information

**Client Sample ID:** SV-2 20220414

**York Sample ID:** 22D0837-02

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:15 am	<u>Date Received</u> 04/18/2022
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**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 <sup>3</sup>	4.5	6.572	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:00	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	3.6	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	4.5	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	5.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ



### Sample Information

**Client Sample ID:** SV-2 20220414

**York Sample ID:** 22D0837-02

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:15 am	<u>Date Received</u> 04/18/2022
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**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
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	3.6	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	2.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.65	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	4.9	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>23</b>		ug/m <sup>3</sup>	3.2	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	5.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	3.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	4.6	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>5.5</b>		ug/m <sup>3</sup>	3.2	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	4.4	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	3.0	6.572	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:00	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	4.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
78-93-3	<b>2-Butanone</b>	<b>19</b>		ug/m <sup>3</sup>	1.9	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	5.4	6.572	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:00	LLJ
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	10	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ





### Sample Information

**Client Sample ID:** SV-2 20220414

**York Sample ID:** 22D0837-02

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:15 am	<u>Date Received</u> 04/18/2022
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**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
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	2.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
67-64-1	<b>Acetone</b>	<b>220</b>		ug/m <sup>3</sup>	3.1	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	1.4	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
71-43-2	<b>Benzene</b>	<b>6.3</b>		ug/m <sup>3</sup>	2.1	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	3.4	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	4.4	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	6.8	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	2.6	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-15-0	<b>Carbon disulfide</b>	<b>140</b>		ug/m <sup>3</sup>	2.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	1.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	3.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	1.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	3.2	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.4	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.65	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	3.0	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
110-82-7	<b>Cyclohexane</b>	<b>12</b>		ug/m <sup>3</sup>	2.3	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	5.6	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	3.2	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ



Sample Information

Client Sample ID: SV-2 20220414

York Sample ID: 22D0837-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 22D0837, 202110308, Soil Vapor, April 14, 2022 9:15 am, 04/18/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Main data table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 25 rows of chemical analysis data.



### Sample Information

**Client Sample ID:** SV-2 20220414

**York Sample ID:** 22D0837-02

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:15 am	<u>Date Received</u> 04/18/2022
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**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
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	3.7	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	2.3	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	2.9	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.84	6.572	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:00	LLJ

### Sample Information

**Client Sample ID:** SV-3 20220414

**York Sample ID:** 22D0837-03

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:35 am	<u>Date Received</u> 04/18/2022
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**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 <sup>3</sup>	4.8	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	3.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	4.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	5.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	3.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	2.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.70	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	5.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>27</b>		ug/m <sup>3</sup>	3.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ



### Sample Information

**Client Sample ID:** SV-3 20220414

**York Sample ID:** 22D0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0837

202110308

Soil Vapor

April 14, 2022 9:35 am

04/18/2022

**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
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	5.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	2.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	3.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	4.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>6.5</b>		ug/m <sup>3</sup>	3.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	4.7	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	3.2	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	4.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	5.1	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
78-93-3	<b>2-Butanone</b>	<b>9.1</b>		ug/m <sup>3</sup>	2.1	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	5.7	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	11	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	2.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
67-64-1	<b>Acetone</b>	<b>360</b>		ug/m <sup>3</sup>	3.3	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	1.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
71-43-2	<b>Benzene</b>	<b>18</b>		ug/m <sup>3</sup>	2.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	3.6	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ



### Sample Information

**Client Sample ID:** SV-3 20220414

**York Sample ID:** 22D0837-03

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:35 am	<u>Date Received</u> 04/18/2022
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**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
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	4.7	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	7.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	2.7	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-15-0	<b>Carbon disulfide</b>	<b>4.6</b>		ug/m <sup>3</sup>	2.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	1.1	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	3.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	1.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
67-66-3	<b>Chloroform</b>	<b>28</b>		ug/m <sup>3</sup>	3.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	1.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.70	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	3.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
110-82-7	<b>Cyclohexane</b>	<b>31</b>		ug/m <sup>3</sup>	2.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	6.0	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	3.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	5.1	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
100-41-4	<b>Ethyl Benzene</b>	<b>44</b>		ug/m <sup>3</sup>	3.0	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	7.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	3.4	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	2.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ



### Sample Information

**Client Sample ID:** SV-3 20220414

**York Sample ID:** 22D0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0837

202110308

Soil Vapor

April 14, 2022 9:35 am

04/18/2022

**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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	2.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	4.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
142-82-5	<b>n-Heptane</b>	<b>98</b>		ug/m <sup>3</sup>	2.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
110-54-3	<b>n-Hexane</b>	<b>170</b>		ug/m <sup>3</sup>	2.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
95-47-6	<b>o-Xylene</b>	<b>16</b>		ug/m <sup>3</sup>	3.0	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>47</b>		ug/m <sup>3</sup>	6.1	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
622-96-8	<b>* p-Ethyltoluene</b>	<b>26</b>		ug/m <sup>3</sup>	3.4	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	1.2	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
100-42-5	Styrene	ND		ug/m <sup>3</sup>	3.0	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
127-18-4	<b>Tetrachloroethylene</b>	<b>34</b>		ug/m <sup>3</sup>	4.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
109-99-9	<b>* Tetrahydrofuran</b>	<b>34</b>		ug/m <sup>3</sup>	4.1	7.012	EPA TO-15 Certifications:	04/29/2022 04:00	04/29/2022 23:48	LLJ
108-88-3	<b>Toluene</b>	<b>50</b>		ug/m <sup>3</sup>	2.6	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	2.8	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	3.2	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.94	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>4.3</b>		ug/m <sup>3</sup>	3.9	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	2.5	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	3.1	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.90	7.012	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/29/2022 04:00	04/29/2022 23:48	LLJ



### Sample Information

**Client Sample ID:** SV-4 20220414

**York Sample ID:** 22D0837-04

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:55 am	<u>Date Received</u> 04/18/2022
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**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 <sup>3</sup>	12	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	9.2	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	12	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	13	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	9.2	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	6.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	1.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	13	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>30</b>		ug/m <sup>3</sup>	8.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	13	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	10	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	6.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	7.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	12	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>8.3</b>		ug/m <sup>3</sup>	8.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	11	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	10	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	7.8	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	10	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ



## Sample Information

**Client Sample ID:** SV-4 20220414

**York Sample ID:** 22D0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0837

202110308

Soil Vapor

April 14, 2022 9:55 am

04/18/2022

**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
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	12	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
78-93-3	<b>2-Butanone</b>	<b>9.5</b>		ug/m <sup>3</sup>	5.0	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
591-78-6	* 2-Hexanone	ND		ug/m <sup>3</sup>	14	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	26	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	6.9	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
67-64-1	<b>Acetone</b>	<b>320</b>		ug/m <sup>3</sup>	8.0	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	3.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
71-43-2	<b>Benzene</b>	<b>9.2</b>		ug/m <sup>3</sup>	5.4	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	8.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	11	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	17	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	6.6	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-15-0	<b>Carbon disulfide</b>	<b>5.3</b>		ug/m <sup>3</sup>	5.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	2.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	7.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	4.5	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
67-66-3	<b>Chloroform</b>	<b>23</b>		ug/m <sup>3</sup>	8.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	3.5	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	1.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ





## Sample Information

**Client Sample ID:** SV-4 20220414

**York Sample ID:** 22D0837-04

<u>York Project (SDG) No.</u> 22D0837	<u>Client Project ID</u> 202110308	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> April 14, 2022 9:55 am	<u>Date Received</u> 04/18/2022
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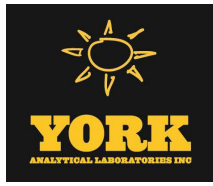
**Volatile Organics, EPA TO15 Full List**

**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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	5.8	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	14	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	8.4	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	12	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
100-41-4	<b>Ethyl Benzene</b>	<b>50</b>		ug/m <sup>3</sup>	7.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	18	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
67-63-0	<b>Isopropanol</b>	<b>23</b>	B	ug/m <sup>3</sup>	21	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	6.9	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	6.1	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	12	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
142-82-5	<b>n-Heptane</b>	<b>710</b>		ug/m <sup>3</sup>	6.9	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
110-54-3	<b>n-Hexane</b>	<b>1400</b>		ug/m <sup>3</sup>	6.0	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
95-47-6	<b>o-Xylene</b>	<b>19</b>		ug/m <sup>3</sup>	7.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>54</b>		ug/m <sup>3</sup>	15	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
622-96-8	* <b>p-Ethyltoluene</b>	<b>30</b>		ug/m <sup>3</sup>	8.3	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	2.9	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ
100-42-5	Styrene	ND		ug/m <sup>3</sup>	7.2	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m <sup>3</sup>	11	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	10	16.92	EPA TO-15 Certifications:	05/02/2022 00:30	05/02/2022 15:05	LLJ



### Sample Information

**Client Sample ID:** SV-4 20220414

**York Sample ID:** 22D0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22D0837

202110308

Soil Vapor

April 14, 2022 9:55 am

04/18/2022

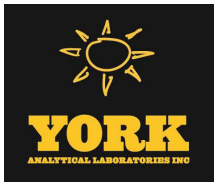
**Volatile Organics, EPA TO15 Full List**

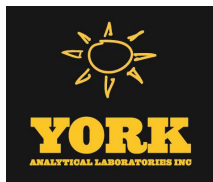
**Log-in Notes:**

**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
108-88-3	<b>Toluene</b>	<b>50</b>		ug/m <sup>3</sup>	6.4	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	6.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	7.7	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
79-01-6	<b>Trichloroethylene</b>	<b>23</b>		ug/m <sup>3</sup>	2.3	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	9.5	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	6.0	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	7.4	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	2.2	16.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/02/2022 00:30	05/02/2022 15:05	LLJ





## Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

### Definitions and Other Explanations

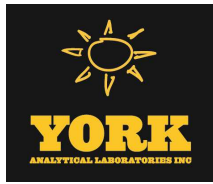
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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 current NELAC/TNI 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.

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

# Field Chain-of-Custody Record - AIR

YORK Project No.  
22D0837

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. signature binds you to YORK's Standard Terms & Conditions.

<b>YOUR Information</b> Company: PNC Engineering Address: 46 Springfield Avenue Poughkeepsie, NY 12603 Phone: 843-431-2544 Contact: Trevor Treagler E-mail: ttreagler@pnc.com		<b>Report To:</b> Company: Same Address: Same Phone: Same Contact: Tara Alvarado E-mail: Talvarado@pnc.com		<b>Invoice To:</b> Company: Same Address: Same Phone: Same Contact: Tara Alvarado E-mail: Talvarado@pnc.com		<b>YOUR Project Number</b> 202110308 <b>YOUR Project Name</b> 202110308 <b>YOUR PO#:</b> 202110308 - Phase II		<b>Turn-Around Time</b> RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day) X	
<b>Air Matrix Codes</b> AI - Indoor Ambient Air AO - Outdoor Amb. Air AE - Vapor Extraction Well/Process Gas/Effluent AS - Soil Vapor/Sub-Slab		<b>Samples From</b> <input checked="" type="checkbox"/> New York <input type="checkbox"/> New Jersey <input type="checkbox"/> Connecticut <input type="checkbox"/> Pennsylvania <input type="checkbox"/> Other		<b>Report / EDD Type</b> (circle selections) CT RCP CT RCP DQA/DUE NJDEP Reduced Deliv. NJDKQP		<b>Standard Excel EDD</b> EQUIS (Standard) NYSDEC EQUIS NJDEP SRP HazSite		<b>YORK Reg. Comp.</b> Compared to the following Regulation(s): (please fill in)	
<b>Certified Canisters:</b> Batch <u>Individual X</u> Reporting Units: ug/m <sup>3</sup> _____ ppbv _____ ppmv _____									
<b>Please enter the following REQUIRED Field Data</b>									
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested		
SV-1 2022-04-19	4/19/22 8:15	AS	-30	-3	37803	7077	VOCs via USEPA Method		
SV-2 2022-04-19	4/19/22 9:15	!	-27	-1	37803	1300	TO-15		
SV-3 2022-04-19	4/19/22 9:35	!	-30	-4	37803	7364			
SV-4 2022-04-19	4/19/22 9:55	!	-30	-1	10726	511			
<b>Comments:</b>									
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Detection Limits Required	≤ 1 ug/m <sup>3</sup> Routine Survey _____ NYSDEC V1 Limits _____ Other _____		Sampling Media 6 Liter Canister X Tedlar Bag		
SPR / PPE	4-18-22 9:00	Chie York	4-18-22 9:00	Chie York			4-18-22 1556		
KBlockman / York	4/18/22 1556	KBlockman / York	4/19/22 1300	Ivan B			4/19/22 1300		
Ivan B	4/19/22	Ivan B	4/20/22 11:00	Alex A Schenk			4/20/22 11:00		