

November 15, 2022*

Sive, Paget & Riesel
ATTN: Christine Leas
560 Lexington Avenue, 15th Floor
New York, New York 10022

Re: **Subsurface Investigation Report**; 15 Kensico Drive, Village of Mount Kisco, Westchester County, New York
Tax IDs: #69.50-1-6
PVE File #20220760

Dear Ms. Leas:

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) has completed the Subsurface Investigation in accordance with our approved scope of work, dated October 13, 2022, for the above referenced property (Figures 1 & 2). Below is a summary of field activities, analytical data, and recommendations.

1.0 INTRODUCTION

The subject property is located within the boundary of the “Kisco Avenue Groundwater” site (Site #360203) which has been designated as a “Potential” site for the State’s registry of Inactive Hazardous Waste Sites. We have reviewed previous environmental reports for the subject property prepared by ECS Mid-Atlantic, LLC (ECS) including a Phase I Environmental Site Assessment (ESA), dated June 15, 2022, and a Subsurface Evaluation, dated August 24, 2022. These reports demonstrate chlorinated solvents, among other contaminants, are located on the subject property in soil, soil vapor, and groundwater. The primary objective of our investigation was to assemble data sufficient to estimate the worst-case costs for remedial action and generate data sufficient for the Site to be accepted into the NYSDEC Brownfield Cleanup Program. Below is a summary of field activities and analytical data.

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 October 20, 2022; sample locations were adjusted accordingly.

2.2 Temporary & Bedrock Monitoring Well Installation and Sampling

Grab groundwater samples were collected from temporary monitoring wells (TMWs) or Geoprobe SP16 Groundwater Sampler installed by direct push drilling methods using a track-mounted Geoprobe™ 54DT drill rig. TMWs were constructed of 1-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser. Permanent monitoring wells were installed via a track mounted CME 55 drill rig using a combination of hollow stem auger and mud rotary drilling. Bedrock monitoring wells (MWs) were constructed of 2-inch diameter Schedule 40 PVC slotted (20-slot) and solid riser (see monitoring well construction diagrams). Bedrock monitoring wells were finished at the surface with flush-to-grade curb

* Revised to reflect requested clarifications.

boxes. Two (2) drums of investigation derived waste (IDW) were accumulated during installation of bedrock monitoring wells. Samples of the accumulated wastes were collected for analysis and disposal of these materials is pending (disposal documentation will be submitted under a separate cover).

Monitoring well locations, boring depths and dates of drilling are summarized in the table below; locations are depicted in Figure 3.

ID/Location	Date of Drilling	Drill Method	Bottom of Boring (below grade)	Sample Depth	Occurrence of Groundwater (below grade)
TMW-1 / East central portion of subject property	10/26/2022	54DT	20-feet	20-feet	3-feet at time of drilling
TMW-2 / Northeast corner of subject property	10/26/2022	54DT	20-feet	5-feet & 20-feet	3-feet at time of drilling
TMW-3 / Southwest corner of structure (ext)	10/26/2022	54DT	20-feet	5-feet & 20-feet	4-feet at time of drilling
TMW-4 / West central portion of subject property	10/26/2022	54DT	20-feet	5-feet & 20-feet	4-feet at time of drilling
MW-1 / Southwest corner of subject property	10/25/2022 – 10/26/2022	CME 55	68-feet	68-feet	4-feet at time of drilling; static at 4-feet
MW-2 / Northwest corner of subject property	10/26/2022	CME 55	51-feet	51-feet	4-feet at time of drilling; static at 4.25-feet

Groundwater samples were collected on October 27, 2022, from each of the six (6) sampling locations; an additional sample was collected from MW-2 on November 9, 2022 due to laboratory error. Groundwater samples collected from bedrock monitoring wells were collected via a bladder pump and dedicated tubing in accordance with low-flow sampling methods. Temporary monitoring wells and SP16 tooling were sampled via 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 New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis of:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) via USEPA Method 8260.

Temporary monitoring wells were removed following groundwater sampling; soil borings were backfilled with native soil cuttings, clean sand and asphalt cold patch at the surface.

2.3 Vapor Sampling

On October 20, 2022, ten (10) soil vapor samples were collected throughout the subject property. Five (5) vapor probes were installed through asphalt-covered surfaces surrounding the building using a Geoprobe™ unit equipped with 4-foot long, 2 ¼ -inch diameter macrocores and PVC liners. Five (5) vapor probes were installed through the structure's foundation slab using a hammer drill and 5/8-inch drill bit. Probes were sealed at the surface with bentonite chips and/or non-VOC emitting clay. Exterior vapor probes were installed to approximately 4-feet below ground surface (bgs), directly above the saturated zone. 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 a 2-hour 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

Groundwater sample results are summarized in Table 1. Analytical reports are attached.

Vapor results are summarized in Table 2. Analytical reports are attached.

3.1 Groundwater Samples

Groundwater sample results were compared to Class GA Groundwater Quality Standards (GQS) as defined in 6NYCRR Part 700-705. Analytical reports are attached. Figure 3 depicts groundwater sampling locations and Figure 4 depicts compounds detected at concentrations exceeding Class GA standards..

One (1) or more VOCs were detected in each of the nine (9) of the groundwater samples collected and analyzed for VOCs. VOCs were detected in five (5) of the nine (9) groundwater samples at concentrations exceeding Class GA GQS. Please note, the 'S' in the TMW sample ID denotes a shallow groundwater sample collected at 5-foot bgs and the 'D' denotes a deeper sample collected from 20-foot bgs.

- MW-2
 - Chloroform (14.5 ug/l)
- TMW-1D
 - Cis-1,2-Dichloroethylene (304 ug/l)
 - Trans-1,2-Dichloroethene (481 ug/l)
 - Trichloroethylene (TCE) (449 ug/l)
 - Vinyl Chloride (92.9 ug/l)
- TMW-2S
 - Isopropylbenzene (Cumene) (13.7 ug/l)
 - N-Butylbenzene (17.8 ug/l)
 - N-Propylbenzene (10 ug/l)
 - Sec-Butylbenzene (50.5 ug/l)
 - T-Butylbenzene (8.13 ug/l)
- TMW-2D
 - Cis-1,2-Dichloroethylene (278 ug/l)
 - Trans-1,2-Dichloroethene (398 ug/l)
 - Vinyl Chloride (4.02 ug/l)
- TMW-3D
 - Tert-Butyl Methyl Ether (23.6 ug/l)

3.2 Vapor Samples

Analytical results from soil vapor samples are summarized in Table 2 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. Figure 3 depicts soil vapor sampling locations and Figures 5 and 6 depict the distribution of chlorinated VOCs.

Only eight (8) compounds are addressed by the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006): 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 soil vapor samples collected:

- SV-1
 - 1,1,1-TCA (9.6 ug/m³)
 - 1,1-DCE (4.4 ug/m³)
 - Cis-1,2-DEC (2,800 ug/m³)
 - PCE (86 ug/m³)
 - TCE (82,000 ug/m³)
- SV-2
 - TCE (700 ug/m³)
- SV-3
 - Cis-1,2-DEC (2.0 ug/m³)
 - PCE (5.5 ug/m³)
 - TCE (5.1 ug/m³)
- SV-4
 - 1,1-DCE (7.3 ug/m³)
 - Cis-1,2-DEC (1,300 ug/m³)
 - Methylene Chloride (73 ug/m³)
 - PCE (9,100 ug/m³)
 - TCE (1,500 ug/m³)
 - VC (310 ug/m³)
- SV-5
 - Cis-1,2-DEC (8.6 ug/m³)
 - TCE (7.2 ug/m³)
 - VC (20 ug/m³)
- SV-6
 - TCE (13 ug/m³)
- SV-7
 - TCE (61 ug/m³)
- SV-8
 - 1,1,1-TCA (0.99 ug/m³)
 - PCE (10 ug/m³)
 - TCE (2.5 ug/m³)
- SV-9
 - Cis-1,2-DEC (0.64 ug/m³)
 - Methylene Chloride (3.1 ug/m³)
 - PCE (3.3 ug/m³)
 - TCE (380 ug/m³)

- SV-10
 - Cis-1,2-DEC (11.0 ug/m³)
 - TCE (190,000 ug/m³)

NYSDOH guidance applies to locations where co-located subslab and indoor air samples meet certain criteria; some of the concentrations detected in soil vapor samples suggest that vapor mitigation should be implemented, regardless of the indoor air concentrations.

4.0 DISCUSSION and CONCLUSIONS

4.1 Groundwater

1. Four (4) temporary & two (2) bedrock monitoring wells were installed throughout the subject property. A total of nine (9) groundwater samples were collected from these monitoring wells for laboratory analysis.
2. VOCs were detected at concentrations exceeding Class GA GQS in five (5) of the nine (9) groundwater samples collected.

4.2 Vapor

1. Ten (10) soil vapor samples were collected throughout the subject property.
2. One (1) or more chlorinated VOCs were detected in all ten (10) soil vapor samples. Chlorinated VOCs were detected in six (6) of the ten (10) soil vapor samples requiring further action.

5.0 RECOMMENDATIONS

1. VOCs were detected in groundwater and soil vapor samples at concentrations similar to that of P-Site #360203, suggesting these media may have been adversely impacted by an off-site source. Based on the results of our limited investigation, the subject property cannot be ruled out as a potential source of contaminants. However, the site is not likely a significant contributor to VOCs present in regional groundwater.
2. A vapor mitigation system should be designed and incorporated into the existing building foundation and/or site redevelopment plans.
3. Excavation or redevelopment activities at the Site will require special handling, testing and potentially off-site disposal of contaminated soils and groundwater.

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

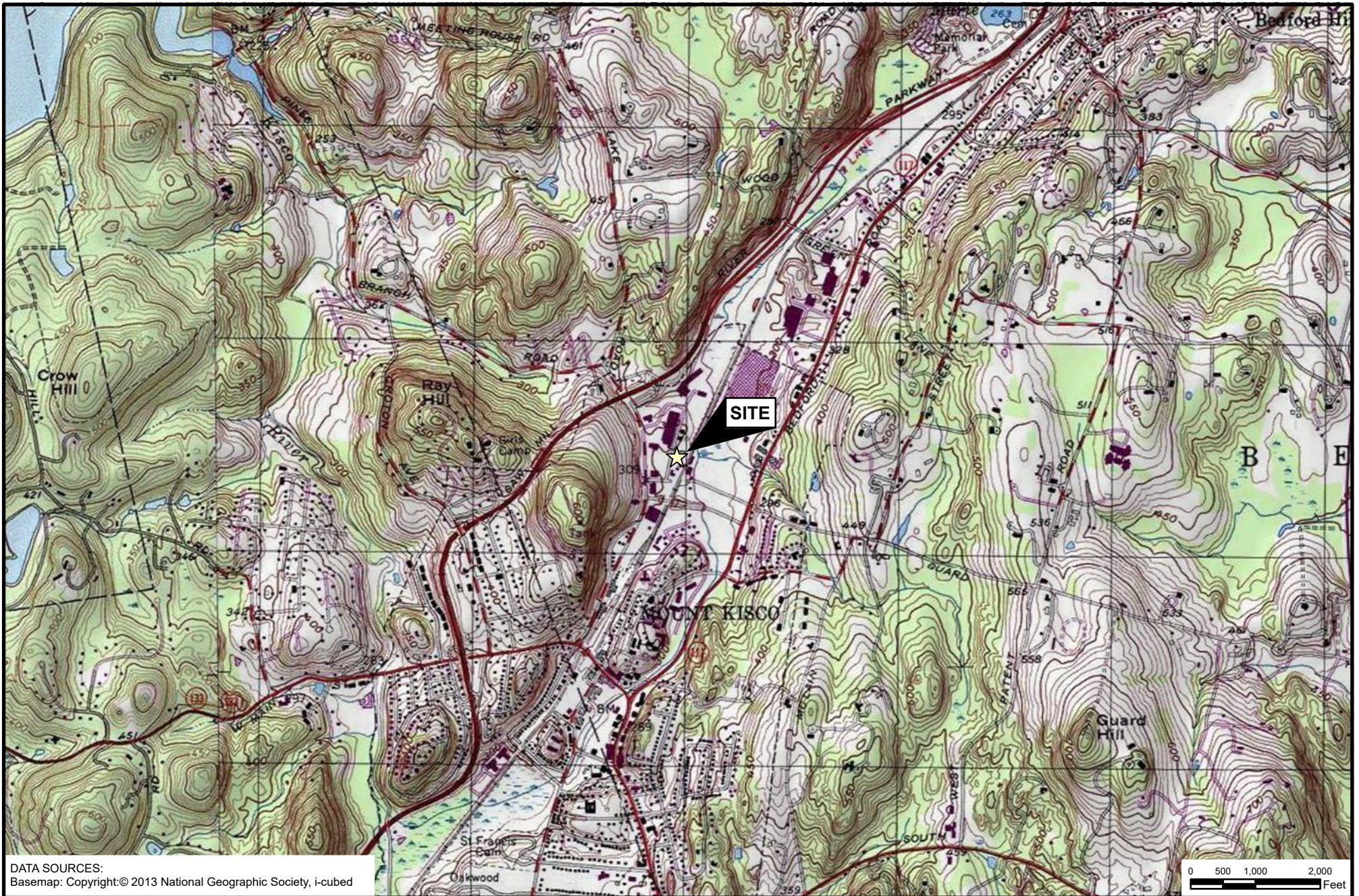
Sincerely,

PVE Engineering



Conor B. Tarbell, QEP
Senior Project Manager

FIGURES



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

SITE LOCATION

15 KENSICO DRIVE
 MOUNT KISCO, WESTCHESTER COUNTY
 NEW YORK 10549

PROJECT NO.
 20220760



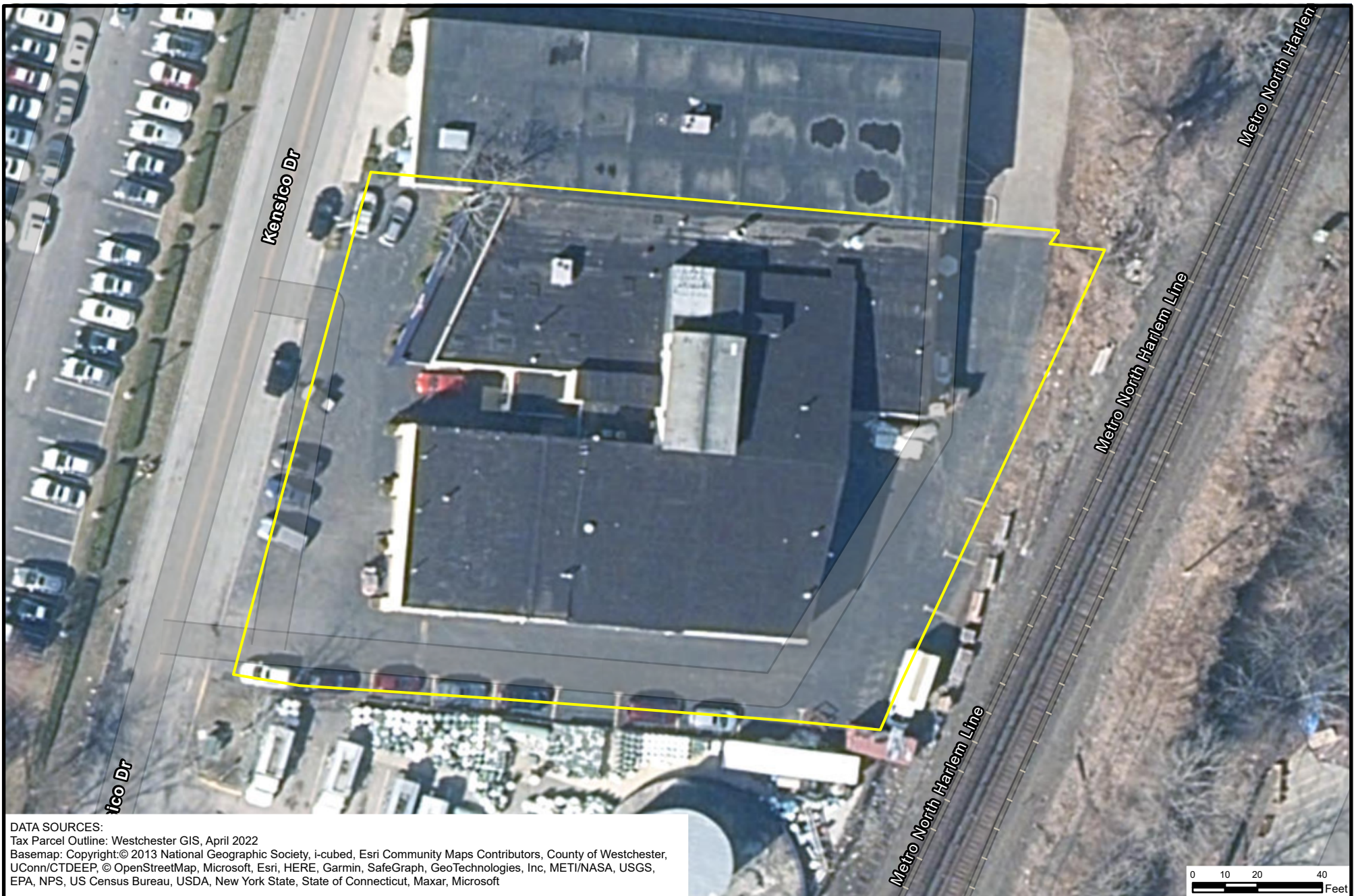
FIGURE 1

DATE: 10/17/2022

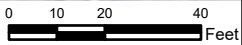
SCALE: AS INDICATED

PROJECTION: STATE PLANE NAD83 NY EAST

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
 Tax Parcel Outline: Westchester GIS, April 2022
 Basemap: Copyright:© 2013 National Geographic Society, i-cubed, Esri Community Maps Contributors, County of Westchester, UConn/CTDEEP, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New York State, State of Connecticut, Maxar, Microsoft



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

SELECTED SITE FEATURES
 15 KENSICO DRIVE
 MOUNT KISCO, WESTCHESTER COUNTY
 NEW YORK 10549

LEGEND
 TAX PARCEL OUTLINE

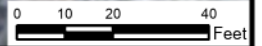
PROJECT NO.
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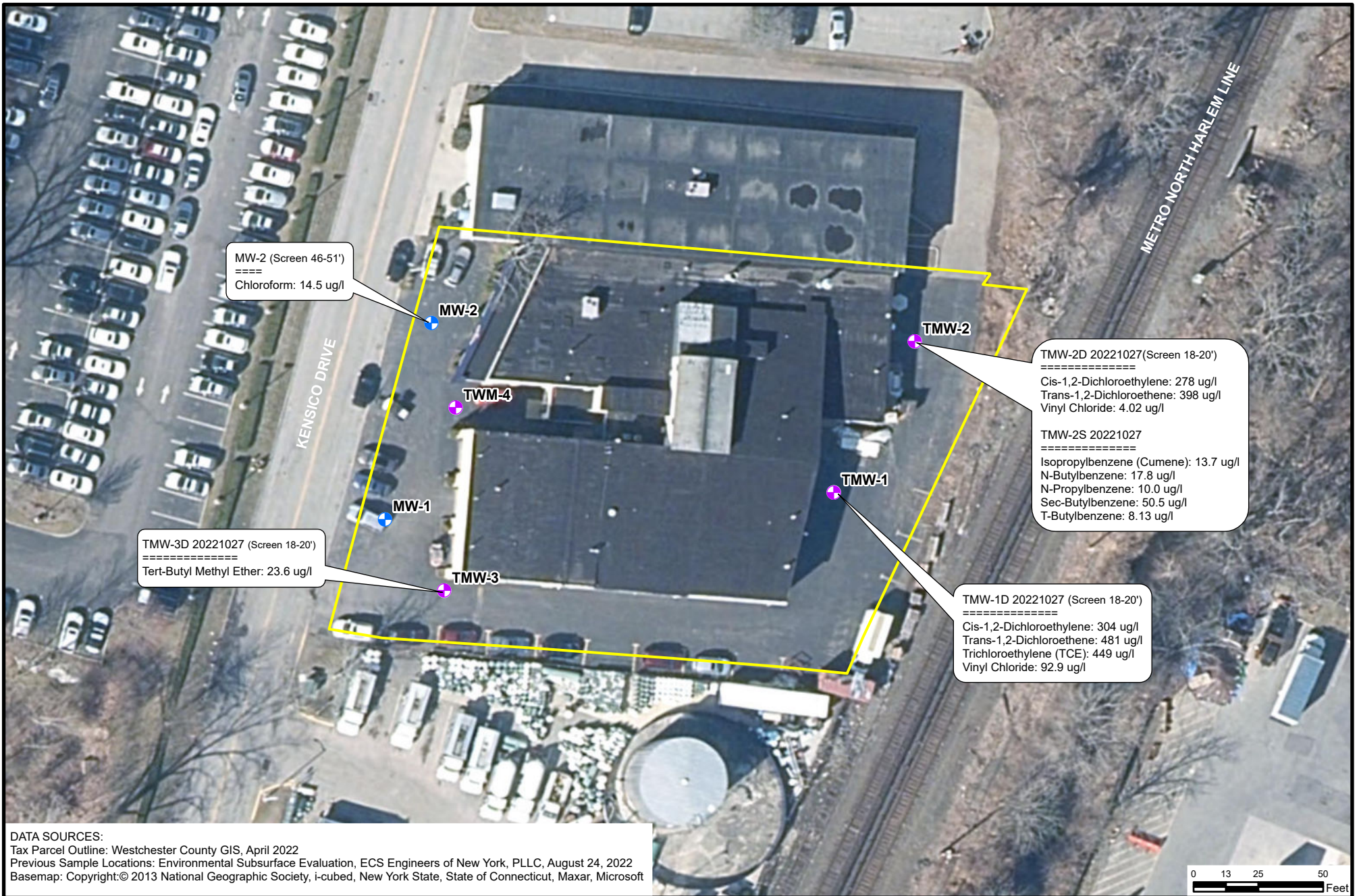
FIGURE 2
 DATE: 10/17/2022
 SCALE: AS INDICATED
 PROJECTION: STATE PLANE NAD83 NY EAST
 ALL LOCATIONS APPROXIMATE



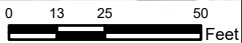
DATA SOURCES:
 Tax Parcel Outline: Westchester County GIS, April 2022
 Previous Sample Locations: Environmental Subsurface Evaluation, ECS Engineers of New York, PLLC, August 24, 2022
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 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	SAMPLE LOCATIONS 15 KENSICO DRIVE MOUNT KISCO WESTCHESTER COUNTY, NEW YORK	LEGEND  MONITORING WELL  TEMPORARY MONITORING WELL  SOIL VAPOR  TAX PARCEL OUTLINE	PROJECT NO. 20220760	FIGURE 3
				DATE: 11/4/2022
				SCALE: AS INDICATED
				PROJECTION: STATE PLANE NAD83 NY EAST ALL LOCATIONS APPROXIMATE

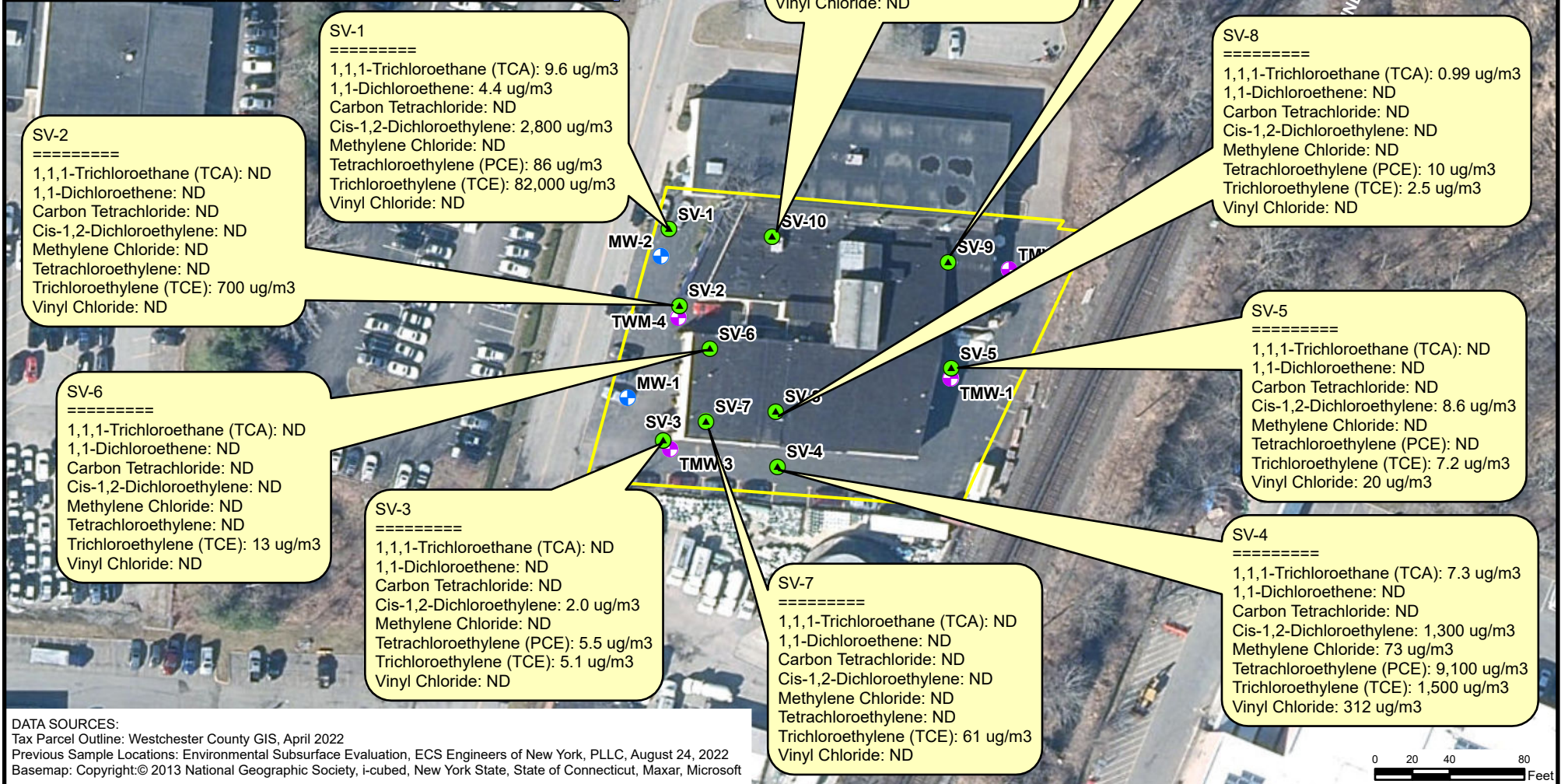


DATA SOURCES:
 Tax Parcel Outline: Westchester County GIS, April 2022
 Previous Sample Locations: Environmental Subsurface Evaluation, ECS Engineers of New York, PLLC, August 24, 2022
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<p>48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655</p>	<p>GROUNDWATER SAMPLE LOCATIONS EXCEEDING NYSDEC CLASS GA STANDARDS</p> <p>15 KENSICO DRIVE MOUNT KISCO WESTCHESTER COUNTY, NEW YORK</p>	<p>LEGEND</p> <ul style="list-style-type: none"> ● MONITORING WELL ● TEMPORARY MONITORING WELL TAX PARCEL OUTLINE 	<p>PROJECT NO. 20220760</p>	<p>FIGURE 4</p>
			<p>DATE: 11/8/2022</p>	
			<p>SCALE: AS INDICATED</p>	
			<p>PROJECTION: STATE PLANE NAD83 NY EAST</p>	
<p>ALL LOCATIONS APPROXIMATE</p>				

VOC	NFA	POTENTIALLY MONITOR or MITIGATE (ug/m3)	MITIGATE (ug/m3)
1,1,1-Trichloroethane (TCA)	<100	100 - 1,000	>1,000
1,1-Dichloroethene	<6	6 - 60	>60
Carbon Tetrachloride	<6	6 - 60	>60
Cis-1,2-Dichloroethylene	<6	6 - 60	>60
Methylene Chloride	<100	100 - 1,000	>1,000
Tetrachloroethylene (PCE)	<100	100 - 1,000	>1,000
Trichloroethylene (TCE)	<6	6 - 60	>60
Vinyl Chloride	<6	6 - 60	>60



SV-2
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: ND
 Methylene Chloride: ND
 Tetrachloroethylene: ND
 Trichloroethylene (TCE): 700 ug/m3
 Vinyl Chloride: ND

SV-1
 =====
 1,1,1-Trichloroethane (TCA): 9.6 ug/m3
 1,1-Dichloroethene: 4.4 ug/m3
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 2,800 ug/m3
 Methylene Chloride: ND
 Tetrachloroethylene (PCE): 86 ug/m3
 Trichloroethylene (TCE): 82,000 ug/m3
 Vinyl Chloride: ND

SV-10
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 11 ug/m3
 Methylene Chloride: ND
 Tetrachloroethylene (PCE): ND
 Trichloroethylene (TCE): 190,000 ug/m3
 Vinyl Chloride: ND

SV-9
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 0.64 ug/m3
 Methylene Chloride: 3.1 ug/m3
 Tetrachloroethylene (PCE): 3.3 ug/m3
 Trichloroethylene (TCE): 380 ug/m3
 Vinyl Chloride: ND

SV-8
 =====
 1,1,1-Trichloroethane (TCA): 0.99 ug/m3
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: ND
 Methylene Chloride: ND
 Tetrachloroethylene (PCE): 10 ug/m3
 Trichloroethylene (TCE): 2.5 ug/m3
 Vinyl Chloride: ND

SV-6
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: ND
 Methylene Chloride: ND
 Tetrachloroethylene: ND
 Trichloroethylene (TCE): 13 ug/m3
 Vinyl Chloride: ND

SV-3
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 2.0 ug/m3
 Methylene Chloride: ND
 Tetrachloroethylene (PCE): 5.5 ug/m3
 Trichloroethylene (TCE): 5.1 ug/m3
 Vinyl Chloride: ND

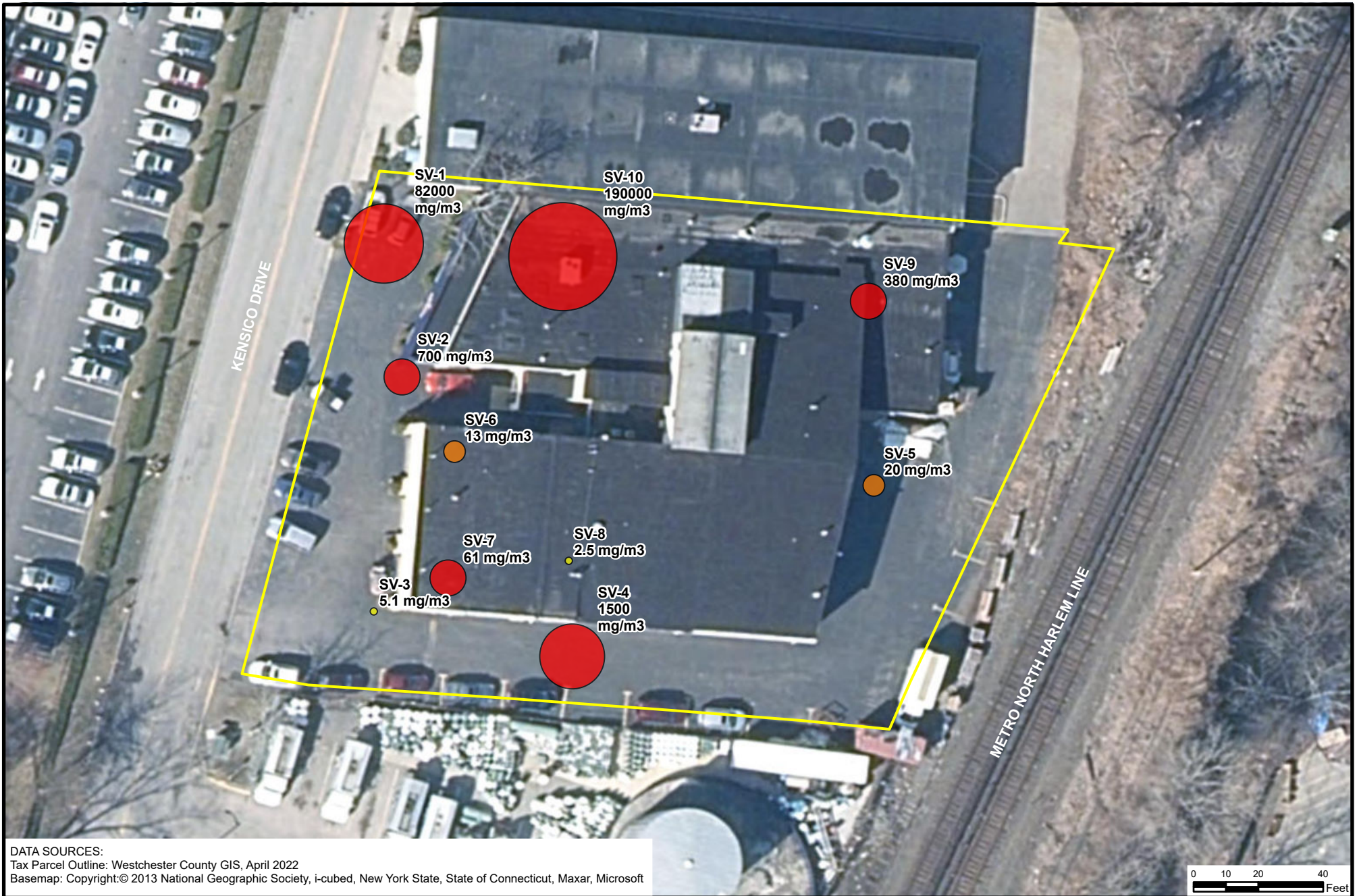
SV-7
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: ND
 Methylene Chloride: ND
 Tetrachloroethylene: ND
 Trichloroethylene (TCE): 61 ug/m3
 Vinyl Chloride: ND

SV-5
 =====
 1,1,1-Trichloroethane (TCA): ND
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 8.6 ug/m3
 Methylene Chloride: ND
 Tetrachloroethylene (PCE): ND
 Trichloroethylene (TCE): 7.2 ug/m3
 Vinyl Chloride: 20 ug/m3

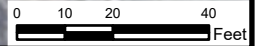
SV-4
 =====
 1,1,1-Trichloroethane (TCA): 7.3 ug/m3
 1,1-Dichloroethene: ND
 Carbon Tetrachloride: ND
 Cis-1,2-Dichloroethylene: 1,300 ug/m3
 Methylene Chloride: 73 ug/m3
 Tetrachloroethylene (PCE): 9,100 ug/m3
 Trichloroethylene (TCE): 1,500 ug/m3
 Vinyl Chloride: 312 ug/m3

DATA SOURCES:
 Tax Parcel Outline: Westchester County GIS, April 2022
 Previous Sample Locations: Environmental Subsurface Evaluation, ECS Engineers of New York, PLLC, August 24, 2022
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<p>48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655</p>	<p>VAPOR SAMPLES - NYSDOH REGULATED COMPOUNDS</p> <p>15 KENSICO DRIVE MOUNT KISCO WESTCHESTER COUNTY, NEW YORK</p>	<p>LEGEND</p> <p> MONITORING WELL TEMPORARY MONITORING WELL SOIL VAPOR TAX PARCEL OUTLINE </p>	<p>PROJECT NO. 20220760</p>	<p>FIGURE 5</p>
			<p>DATE: 11/8/2022</p>	<p>SCALE: AS INDICATED</p>
				<p>PROJECTION: STATE PLANE NAD83 NY EAST</p>
			<p>ALL LOCATIONS APPROXIMATE</p>	



DATA SOURCES:
 Tax Parcel Outline: Westchester County GIS, April 2022
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<p>48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655</p>	<p>DISTRIBUTION OF TRICHLOROETHYLENE (TCE) IN VAPOR SAMPLES 15 KENSICO DRIVE MOUNT KISCO WESTCHESTER COUNTY, NEW YORK</p>	<p>LEGEND TCE (ug/m³)</p> <ul style="list-style-type: none"> ● <= 6 (NFA) ● 6-60 (POTENTIAL MONITOR OR MITIGATE) ● > 60 (MITIGATE) <p> TAX PARCEL OUTLINE</p>	<p>PROJECT NO. 20220760</p>	<p>FIGURE 6</p>
			<p></p>	<p>DATE: 11/8/2022</p>
			<p>SCALE: AS INDICATED</p>	<p>PROJECTION: STATE PLANE NAD83 NY EAST</p>
			<p>ALL LOCATIONS APPROXIMATE</p>	



TABLES



SOIL VAPOR LOGS

VAPOR SAMPLING LOG

Project Name/Address: 15 Kensico Drive, Mount Kisco, New York

PVE Project #: 20220760

Sampler(s): TGT

Weather: 60 Degrees, Sunny

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 ≤ 0.2 L/min
- (B) PID set to a flow rate ≤ 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	PPM During Purge
SV-1	B	A	4'	PASS	B	4-GAS	1-3 VOL.	10/20/22 11:10	10/20/22 13:20	18312	13564	-30+	-8	0
SV-2	B	B	4'	PASS	B	4-GAS	1-3 VOL.	10/20/22 11:10	10/20/22 13:20	37807	13568	-30	-8	9
SV-3	B	A	4'	PASS	B	4-GAS	1-3 VOL.	10/20/22 11:15	10/20/22 13:20	28853	5627	-27	-4	4
SV-4	B	A	4'	PASS	B	4-GAS	1-3 VOL.	10/20/22 11:15	10/20/22 13:20	42993	7609	-30	-5	0
SV-5	B	A	4'	PASS	B	4-GAS	1-3 VOL.	10/20/22 11:20	10/20/22 13:20	23994	5610	-29	-4	0
SV-6	A	A	2'	PASS	B	4-GAS	1-3 VOL.	10/20/22 10:25	10/20/22 12:30	10044	12190	-30	-7	2
SV-7	A	A	2'	PASS	B	4-GAS	1-3 VOL.	10/20/22 10:25	10/20/22 12:30	23797	5605	-30+	-4	0

SV-8	A	A	2'	PASS	B	4-GAS	1-3 VOL.	10/20/22 10:25	10/20/22 12:30	20665	3350	-30+	-5	0
SV-9	A	A	2'	PASS	B	4-GAS	1-3 VOL.	10/20/22 10:25	10/20/22 12:30	23991	12184	-27	-6	0
SV-10	A	A	2'	PASS	B	4-GAS	1-3 VOL.	10/20/22 10:25	10/20/22 12:30	23798	5607	-30+	-5	0

Analytical Laboratory: York Analytical

Date Shipped to Lab: 10/21/2022

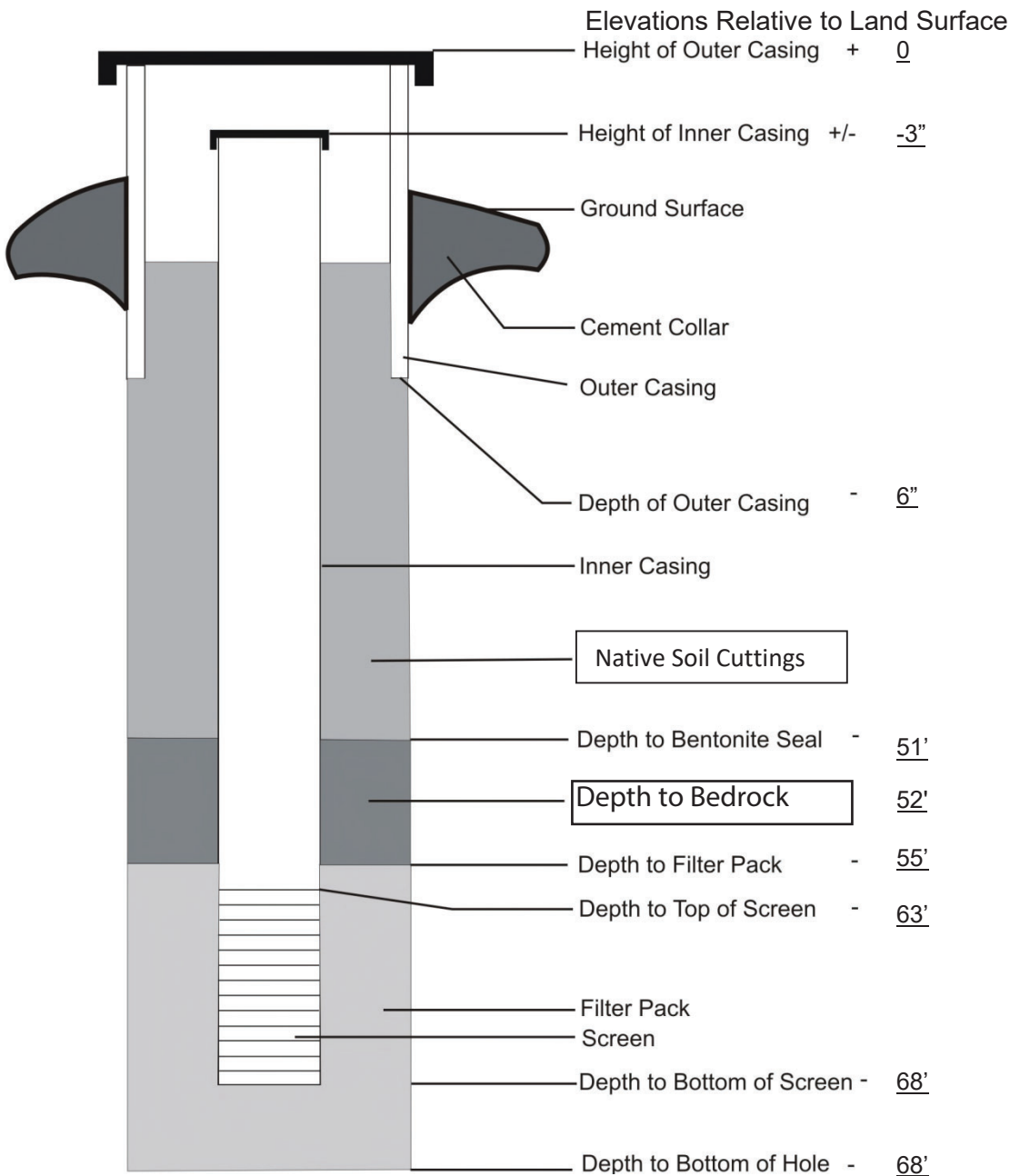
Delivery Service: FedEx UPS Courier



MONITORING WELL CONSTRUCTION DIAGRAMS

Monitoring Well Construction Diagram

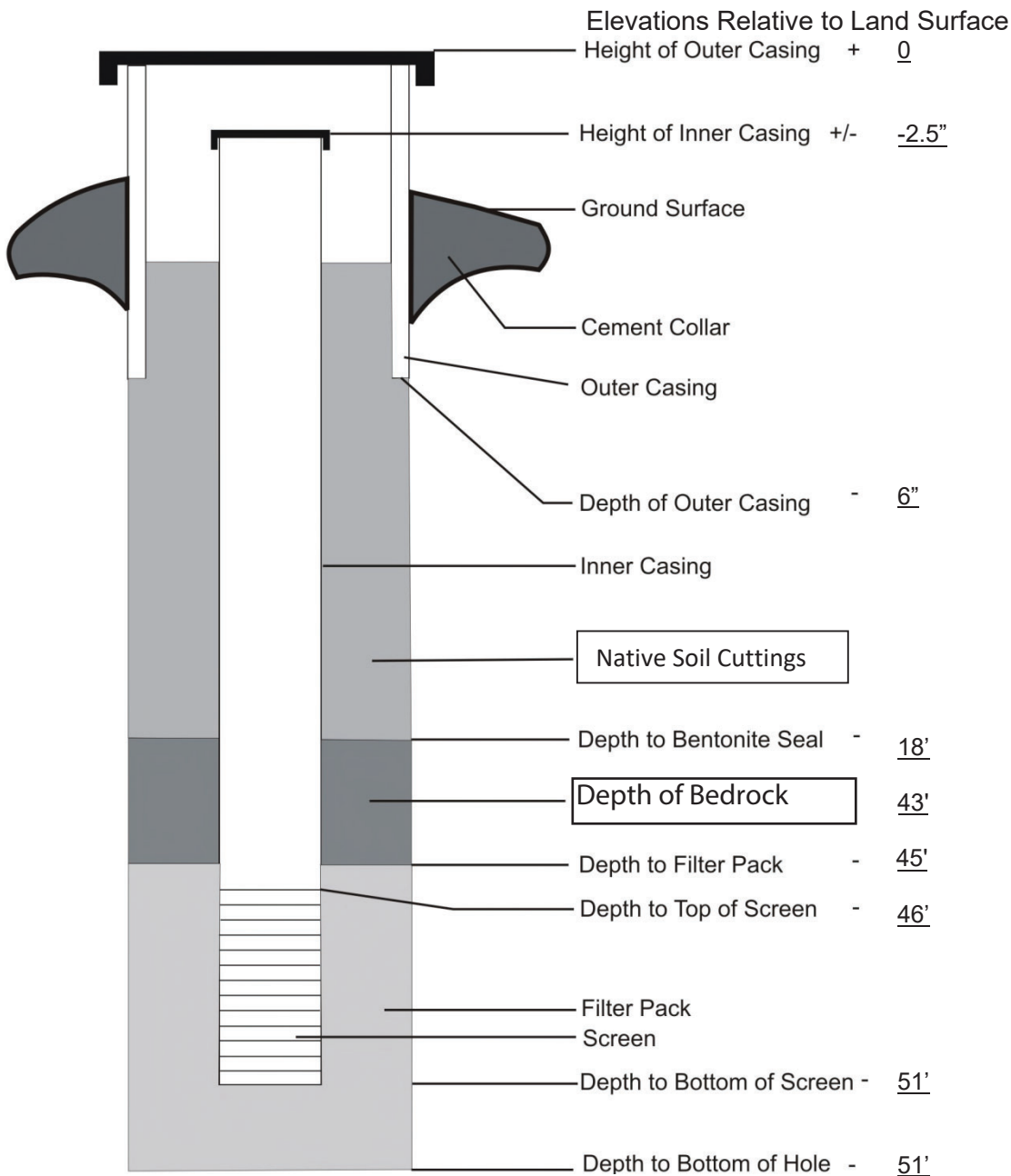
Project #: 20220760	Driller: Core Down Drilling
Project Name/Site: 15 Kenisco Drive	Drilling Method: CME 55 / Mud Rotary
Well #: MW-1	Drilling Fluid: Easy Mud & Water
Location: Southwest portion of subject property	Date Start: 10/25/2022 Date End: 10/26/2022
Technician: TLC	Depth of Outer Casing: 6"
Elevation of Ground Surface: N/A	Depth of Inner Casing: 3"
Notes:	Depth to Water Bearing Fracture: ~65'



Auger Diameter	4"
Borehole Diameter	6"
Flush-to-grade Curb Box?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stick-up Pipe?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Outer Casing Diameter	6"
Outer Casing Material	Steel
Inner Casing Diameter	2"
Inner Casing Material	PVC Shed 40
Grout Type	N/A
Bentonite Type	3/8" Hole Plug
Filter Pack Type	#2
Screen Type/Slot Size	10 Slot

Monitoring Well Construction Diagram

Project #: 20220760	Driller: Core Down Drilling
Project Name/Site: 15 Kenisco Drive	Drilling Method: CME 55 / Mud Rotary
Well #: MW-2	Drilling Fluid: Easy Mud & Water
Location: Southwest portion of subject property	Date Start: 10/26/2022 Date End: 10/26/2022
Technician: TLC	Depth of Outer Casing: 6"
Elevation of Ground Surface: N/A	Depth of Inner Casing: 2.5"
Notes:	Depth to Water Bearing Fracture: ~50'



Auger Diameter	4"
Borehole Diameter	6"
Flush-to-grade Curb Box?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Stick-up Pipe?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Outer Casing Diameter	6"
Outer Casing Material	Steel
Inner Casing Diameter	2"
Inner Casing Material	PVC Shed 40
Grout Type	N/A
Bentonite Type	3/8" Hole Plug
Filter Pack Type	N/A
Screen Type/Slot Size	10 Slot



MONITORING WELL PURGE LOGS

Groundwater Monitoring - MW-1 Purge Log
 15 Kensico Drive, Mount Kisco, New York
 PVE #20220760



Project Information:

Operator Name Trevor Treglia
 Company Name PVE Engineering
 Project Name 15 Kensico Drive
 Site Name 20220760

Pump Information:

Pump Model/Type Bladder
 Tubing Type Polyethylene
 Tubing Diameter 0.25 [in]
 Tubing Length 75 [ft]
 Pump placement from TOC 2 [ft]

Well Information:

Well Id MW-1
 Well diameter 2 [in]
 Well total depth 68 [ft]
 Depth to top of screen 63 [ft]
 Screen length 5 [ft]
 Depth to Water 4 [ft]

Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [uS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	8:57:00	14.5	7.83	1.794	1187.12	0.49	-125.4
	9:00:00	14.6	7.83	1.762	882.39	0.48	-133.6
	9:03:00	14.7	7.83	1.741	877.83	0.44	-140.8
	9:06:00	15.1	7.83	1.731	826.11	0.41	-147.3
	9:09:00	15.3	7.83	1.726	676.02	0.4	-153.4
Variance in last 3 readings		0.68	0.00	1.19	0.52	8.33	5.39
		2.72	0.00	0.57	5.89	6.82	4.62
		1.32	0.00	0.29	18.17	2.44	4.14

Notes:

Groundwater Monitoring - MW-2 Purge Log
 15 Kensico Drive, Mount Kisco, New York
 PVE #20220760



Project Information:

Operator Name Trevor Treglia
 Company Name PVE Engineering
 Project Name 15 Kensico Drive
 Site Name 20220760

Pump Information:

Pump Model/Type Bladder
 Tubing Type Polyethylene
 Tubing Diameter 0.25 [in]
 Tubing Length 58 [ft]
 Pump placement from TOC 2 [ft]

Well Information:

Well Id MW-2
 Well diameter 2 [in]
 Well total depth 51 [ft]
 Depth to top of screen 46 [ft]
 Screen length 5 [ft]
 Depth to Water 4.25 [ft]

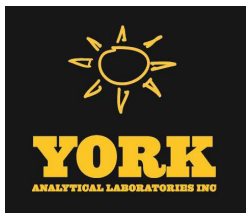
Low-Flow Sampling Stabilization Summary

	Time	Temp [C]	pH [pH]	Sp.Cond [uS/cm]	Turb [NTU]	DO [mg/L]	ORP [mV]
Stabilization Settings							
Last 5 Readings	10:57:00	16.7	7.96	1.245	417.04	4.4	33.2
	11:00:00	16.6	7.94	1.259	437.89	4.11	30.3
	11:03:00	16.7	7.93	1.264	282.76	3.98	28.9
	11:06:00	16.6	7.92	1.27	222.02	3.85	27.8
	11:09:00	16.6	7.92	1.27	245.98	3.8	28.4
Variance in last 3 readings		0.60	0.13	0.40	35.43	3.16	4.62
		0.60	0.13	0.47	21.48	3.27	3.81
		0.00	0.00	0.00	10.79	1.30	2.16

Notes:



ANALYTICAL REPORTS



Technical Report

prepared for:

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

Report Date: 11/08/2022
Client Project ID: 20220760
York Project (SDG) No.: 22J1463

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/08/2022
Client Project ID: 20220760
York Project (SDG) No.: 22J1463

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 October 28, 2022 and listed below. The project was identified as your project: **20220760**.

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>
22J1463-01	MW-1 20221027	Water	10/27/2022	10/28/2022
22J1463-02	TMW-2S 20221027	Water	10/27/2022	10/28/2022
22J1463-03	TMW-1D 20221027	Water	10/27/2022	10/28/2022
22J1463-04	TMW-2D 20221027	Water	10/27/2022	10/28/2022
22J1463-05	TMW-3S 20221027	Water	10/27/2022	10/28/2022
22J1463-06	TMW-3D 20221027	Water	10/27/2022	10/28/2022
22J1463-08	TMW-4S 20221027	Water	10/27/2022	10/28/2022
22J1463-09	TMW-4D 20221027	Water	10/27/2022	10/28/2022

General Notes for York Project (SDG) No.: 22J1463

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: 11/08/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-1 20221027

York Sample ID: 22J1463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1463	20220760	Water	October 27, 2022 9:15 am	10/28/2022

VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
95-63-6	1,2,4-Trimethylbenzene	0.210	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG



Sample Information

Client Sample ID: MW-1 20221027

York Sample ID: 22J1463-01

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:15 am	<u>Date Received</u> 10/28/2022
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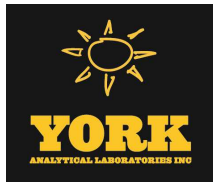
VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
67-64-1	Acetone	2.87	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
67-66-3	Chloroform	0.510		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG



Sample Information

Client Sample ID: MW-1 20221027

York Sample ID: 22J1463-01

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:15 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
100-41-4	Ethyl Benzene	0.360	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 17:51	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 17:51	JTG



Sample Information

Client Sample ID: MW-1 20221027

York Sample ID: 22J1463-01

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:15 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
75-65-0	tert-Butyl alcohol (TBA)	2.20	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
108-88-3	Toluene	0.450	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 17:51	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	126 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.8 %	79-122								



Sample Information

Client Sample ID: TMW-2S 20221027

York Sample ID: 22J1463-02

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:00 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
95-63-6	1,2,4-Trimethylbenzene	1.51		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
108-67-8	1,3,5-Trimethylbenzene	0.370	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG



Sample Information

Client Sample ID: TMW-2S 20221027

York Sample ID: 22J1463-02

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:00 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
67-64-1	Acetone	6.01	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
71-43-2	Benzene	0.910	QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-15-0	Carbon disulfide	0.670		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG



Sample Information

Client Sample ID: TMW-2S 20221027

York Sample ID: 22J1463-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1463

20220760

Water

October 27, 2022 9:00 am

10/28/2022

VOA, 8260 LOW MASTER

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	0.220	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 21:38	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
110-82-7	Cyclohexane	0.300	ICVE, QL-02, J	ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
100-41-4	Ethyl Benzene	0.670		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 21:38	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
98-82-8	Isopropylbenzene	13.7		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 21:38	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
108-87-2	Methylcyclohexane	3.43		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
91-20-3	Naphthalene	1.58	CCVE, J	ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
104-51-8	n-Butylbenzene	17.8		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 21:38	JTG
103-65-1	n-Propylbenzene	10.0		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 21:38	JTG
95-47-6	o-Xylene	0.800		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
179601-23-1	p- & m- Xylenes	1.42		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
105-05-5	* p-Diethylbenzene	19.8		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 21:38	JTG
622-96-8	* p-Ethyltoluene	0.410	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 21:38	JTG



Sample Information

Client Sample ID: TMW-2S 20221027

York Sample ID: 22J1463-02

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:00 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
135-98-8	sec-Butylbenzene	50.5		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 21:38	JTG
98-06-6	tert-Butylbenzene	8.13		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
108-88-3	Toluene	0.510		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
75-01-4	Vinyl Chloride	0.400	CCVE, QL-02, J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 21:38	JTG
1330-20-7	Xylenes, Total	2.22		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 21:38	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	128 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	95.9 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	129 %	S-03		79-122						

Sample Information

Client Sample ID: TMW-1D 20221027

York Sample ID: 22J1463-03

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 8:18 am	<u>Date Received</u> 10/28/2022
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Sample Information

Client Sample ID: TMW-1D 20221027

York Sample ID: 22J1463-03

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 8:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-35-4	1,1-Dichloroethylene	1.90		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG



Sample Information

Client Sample ID: TMW-1D 20221027

York Sample ID: 22J1463-03

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 8:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
67-64-1	Acetone	2.09	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG



Sample Information

Client Sample ID: TMW-1D 20221027

York Sample ID: 22J1463-03

York Project (SDG) No.

22J1463

Client Project ID

20220760

Matrix

Water

Collection Date/Time

October 27, 2022 8:18 am

Date Received

10/28/2022

VOA, 8260 LOW MASTER

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	304		ug/L	2.00	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/03/2022 16:57	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
100-41-4	Ethyl Benzene	0.430	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 18:16	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
95-47-6	o-Xylene	0.320	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 18:16	JTG



Sample Information

Client Sample ID: TMW-1D 20221027

York Sample ID: 22J1463-03

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 8:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 18:16	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-65-0	tert-Butyl alcohol (TBA)	1.14	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:16	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
108-88-3	Toluene	0.430	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
156-60-5	trans-1,2-Dichloroethylene	481		ug/L	2.00	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/03/2022 16:57	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
79-01-6	Trichloroethylene	449		ug/L	2.00	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/03/2022 16:57	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
75-01-4	Vinyl Chloride	92.9	CCVE, QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:16	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 18:16	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	124 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %	79-122								



Sample Information

Client Sample ID: TMW-2D 20221027

York Sample ID: 22J1463-04

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-35-4	1,1-Dichloroethylene	0.580		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG



Sample Information

Client Sample ID: TMW-2D 20221027

York Sample ID: 22J1463-04

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
67-64-1	Acetone	2.10	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG



Sample Information

Client Sample ID: TMW-2D 20221027

York Sample ID: 22J1463-04

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	278		ug/L	2.00	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/03/2022 16:32	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
98-82-8	Isopropylbenzene	0.220	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 18:41	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
104-51-8	n-Butylbenzene	0.210	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 18:41	JTG
103-65-1	n-Propylbenzene	0.270	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 18:41	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
105-05-5	* p-Diethylbenzene	0.240	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 18:41	JTG



Sample Information

Client Sample ID: TMW-2D 20221027

York Sample ID: 22J1463-04

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 9:18 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 18:41	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
135-98-8	sec-Butylbenzene	0.860		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-65-0	tert-Butyl alcohol (TBA)	1.12	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 18:41	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
108-88-3	Toluene	0.220	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
156-60-5	trans-1,2-Dichloroethylene	398		ug/L	2.00	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/03/2022 16:32	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
79-01-6	Trichloroethylene	3.18		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
75-01-4	Vinyl Chloride	4.02	CCVE, QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 18:41	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 18:41	JTG

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: SURRE: 1,2-Dichloroethane-d4	127 %	69-130
2037-26-5 Surrogate: SURRE: Toluene-d8	98.4 %	81-117
460-00-4 Surrogate: SURRE: p-Bromofluorobenzene	102 %	79-122



Sample Information

Client Sample ID: TMW-3S 20221027

York Sample ID: 22J1463-05

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:28 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG



Sample Information

Client Sample ID: TMW-3S 20221027

York Sample ID: 22J1463-05

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:28 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
78-93-3	2-Butanone	1.55		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:07	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
67-64-1	Acetone	16.7	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:07	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG



Sample Information

Client Sample ID: TMW-3S 20221027

York Sample ID: 22J1463-05

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:28 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.250	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:07	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
100-41-4	Ethyl Benzene	0.210	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:07	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:07	JTG



Sample Information

Client Sample ID: TMW-3S 20221027

York Sample ID: 22J1463-05

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:28 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:07	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:07	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
108-88-3	Toluene	0.390	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
156-60-5	trans-1,2-Dichloroethylene	0.540		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:07	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 19:07	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	124 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	79-122								



Sample Information

Client Sample ID: TMW-3D 20221027

York Sample ID: 22J1463-06

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:48 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG



Sample Information

Client Sample ID: TMW-3D 20221027

York Sample ID: 22J1463-06

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:48 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
67-64-1	Acetone	4.05	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG



Sample Information

Client Sample ID: TMW-3D 20221027

York Sample ID: 22J1463-06

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:48 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	23.6		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:32	JTG



Sample Information

Client Sample ID: TMW-3D 20221027

York Sample ID: 22J1463-06

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 10:48 am	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:32	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-65-0	tert-Butyl alcohol (TBA)	4.13	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:32	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
156-60-5	trans-1,2-Dichloroethylene	0.290	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:32	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 19:32	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	120 %	69-130
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %	81-117
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %	79-122



Sample Information

Client Sample ID: TMW-4S 20221027

York Sample ID: 22J1463-08

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:00 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG



Sample Information

Client Sample ID: TMW-4S 20221027

York Sample ID: 22J1463-08

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:00 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
78-93-3	2-Butanone	0.920		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:57	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
67-64-1	Acetone	11.7	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:57	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG



Sample Information

Client Sample ID: TMW-4S 20221027

York Sample ID: 22J1463-08

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:00 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.270	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 19:57	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:57	JTG



Sample Information

Client Sample ID: TMW-4S 20221027

York Sample ID: 22J1463-08

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:00 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 19:57	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 19:57	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
79-01-6	Trichloroethylene	0.610		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 19:57	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 19:57	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	123 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								



Sample Information

Client Sample ID: TMW-4D 20221027

York Sample ID: 22J1463-09

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:20 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG



Sample Information

Client Sample ID: TMW-4D 20221027

York Sample ID: 22J1463-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1463

20220760

Water

October 27, 2022 12:20 pm

10/28/2022

VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
78-93-3	2-Butanone	0.340	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 20:22	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
67-64-1	Acetone	4.82	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/02/2022 06:49	11/02/2022 20:22	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG



Sample Information

Client Sample ID: TMW-4D 20221027

York Sample ID: 22J1463-09

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:20 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	4.04		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 20:22	JTG



Sample Information

Client Sample ID: TMW-4D 20221027

York Sample ID: 22J1463-09

<u>York Project (SDG) No.</u> 22J1463	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2022 12:20 pm	<u>Date Received</u> 10/28/2022
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VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

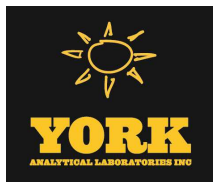
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/02/2022 06:49	11/02/2022 20:22	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-65-0	tert-Butyl alcohol (TBA)	1.85	ICVE	ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2022 06:49	11/02/2022 20:22	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2022 06:49	11/02/2022 20:22	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2022 06:49	11/02/2022 20:22	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	128 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.6 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	79-122								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1463-01	MW-1 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-02	TMW-2S 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-03	TMW-1D 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-04	TMW-2D 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-05	TMW-3S 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-06	TMW-3D 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-08	TMW-4S 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1463-09	TMW-4D 20221027	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



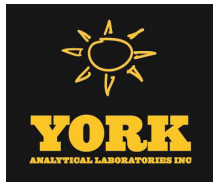
Sample and Data Qualifiers Relating to This Work Order

S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
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 to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.

Corrective Action: Lab did not receive sample MW-2 20221027 that consisted of 3-40ml HCL vials. The analysis was removed.



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

Field Chain-of-Custody Record

YORK Project No.
22J1463

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 1

YOUR Information

Company: PVE Engineering
 Address: 418 S Progressive Avenue
 Phone: 873-451-4544
 Contact: Trevor Trojla
 E-mail: ttrojla@pve-llc.com

Report To:

Company: [Blank]
 Address: [Blank]
 Phone: [Blank]
 Contact: Same
 E-mail: Same

Invoice To:

Company: [Blank]
 Address: [Blank]
 Phone: [Blank]
 Contact: Tara Alvarado
 E-mail: taralv@pre-llc.com

YOUR Project Number
20220760

YOUR Project Name
20220760

Standard (5-7 Day)

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
TAW-1 20221027	GW	10/27/22 / 9:15	• TCL VOCs via 8160	3-HL Vials (each)
TAW-AS 20221027		10:00		
TAW-1D 20221027		10:18		
TAW-2D 20221027		10:18		
TAW-3S 20221027		10:26		
TAW-3D 20221027		10:46		
TAW-4 20221027		11:15		
TAW-4S 20221027		12:00		
TAW-4D 20221027		12:20		

Report / EDD Type (circle selections)

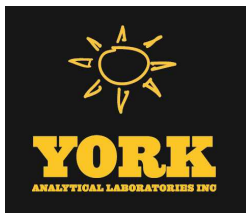
Report / EDD Type	Matrix Codes	Samples From	Report / EDD Type
<input checked="" type="checkbox"/> Summary Report	S - soil / solid	New York	Standard Excel EDD
<input type="checkbox"/> QA Report	GW - groundwater	New Jersey	EquiS (Standard)
<input type="checkbox"/> NY ASP A Package	DW - drinking water	Connecticut	<u>NYSDEC EquiS</u>
<input type="checkbox"/> NY ASP B Package	WW - wastewater	Pennsylvania	NJDEP SRP HazSite
<input type="checkbox"/> Other:	O - Oil / Other	Other	Other:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___

Ascorbic Acid ___ Other: ___

Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
PVE / PVE	10-28-22 / 8:45	Chie York	10-28-22 / 8:45	Chie York	10-28-22 / 1408
Received by / Company				Samples Received by / Company	
Relinquished by / Company				Samples Relinquished in LAB by	Temp. Received at Lab
				<i>Gab</i> 10/28/22 1408	3.6



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

Report Date: 11/10/2022
Client Project ID: 20220760
York Project (SDG) No.: 22K0465

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/10/2022
Client Project ID: 20220760
York Project (SDG) No.: 22K0465

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Trevor Treglia

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 November 09, 2022 and listed below. The project was identified as your project: **20220760**.

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>
22K0465-01	MW-2 20221109	Water	11/09/2022	11/09/2022

General Notes for York Project (SDG) No.: 22K0465

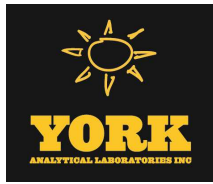
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 11/10/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-2 20221109

York Sample ID: 22K0465-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22K0465	20220760	Water	November 9, 2022 9:50 am	11/09/2022

VOA, 8260 LOW MASTER

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG



Sample Information

Client Sample ID: MW-2 20221109

York Sample ID: 22K0465-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0465

20220760

Water

November 9, 2022 9:50 am

11/09/2022

VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
78-93-3	2-Butanone	0.320	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
108-10-1	4-Methyl-2-pentanone	0.280	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG
67-64-1	Acetone	2.79	ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
75-27-4	Bromodichloromethane	1.61		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
75-15-0	Carbon disulfide	0.330	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
67-66-3	Chloroform	14.5		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/09/2022 18:58	11/10/2022 01:03	JTG



Sample Information

Client Sample ID: MW-2 20221109

York Sample ID: 22K0465-01

<u>York Project (SDG) No.</u> 22K0465	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 9, 2022 9:50 am	<u>Date Received</u> 11/09/2022
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VOA, 8260 LOW MASTER

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
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
156-59-2	cis-1,2-Dichloroethylene	0.240	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.850		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/09/2022 18:58	11/10/2022 01:03	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/09/2022 18:58	11/10/2022 01:03	JTG



Sample Information

Client Sample ID: MW-2 20221109

York Sample ID: 22K0465-01

<u>York Project (SDG) No.</u> 22K0465	<u>Client Project ID</u> 20220760	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 9, 2022 9:50 am	<u>Date Received</u> 11/09/2022
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VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

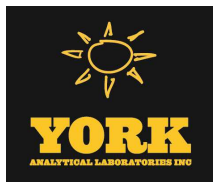
Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
75-65-0	tert-Butyl alcohol (TBA)	11.2		ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
79-01-6	Trichloroethylene	0.600		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	11/09/2022 18:58	11/10/2022 01:03	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.8 %	79-122								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22K0465-01	MW-2 20221109	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

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.

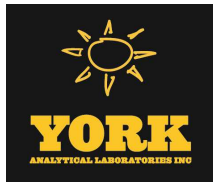
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



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



YOUR INFORMATION

Company: **PVE Engineering**
 Address: **48 Springside Avenue**
Poughkeepsie, NY 12603
 Phone: **845-451-2614**
 Contact: **Trevor Trojlo**
 E-mail: **ttrojlo@pve-llc.com**

Report To:

Company:
 Address: **Same**
 Phone:
 Contact:
 E-mail: **Same**

Invoice To:

Company:
 Address: **Same**
 Phone:
 Contact: **Tara Alvarado**
 E-mail: **talvarado@pve-llc.com**

YOUR Project Number

20220760

YOUR Project Name

Lot 20760

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.

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.

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

[Signature]

Sample Identification

ML-2 20221109

Matrix Codes

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

Samples From

- New York
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package

YOUR PO#: **20220760 - Subsurface Investigation**

- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- NJDXQP
- Standard Excel EDD
- EQUIS (Standard)
- NYSDEC EQUIS
- NJDEP SRP HazSite
- Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Analysis Requested

11/9/22 / 9:50 AM GW - TCL Vials vs. 8460.

Container Description

3-HL Vials

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO₃ ___ H₂SO₄ ___ NaOH ___ ZnAc ___
 Ascorbic Acid ___ Other: ___

Samples Relinquished by / Company

SSA / PVE

Date/Time

11/9/22 11:20

Samples Relinquished by / Company

Andrew S. Lane

Date/Time

11/9/22 11:00

Samples Relinquished by / Company

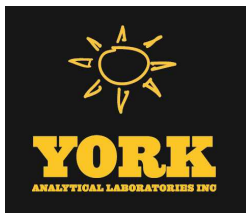
Andrew S. Lane

Date/Time

11/9/22

Field Filtered Lab to Filter

45



Technical Report

prepared for:

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

Report Date: 11/01/2022
Client Project ID: 20220760
York Project (SDG) No.: 22J1151

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/01/2022
Client Project ID: 20220760
York Project (SDG) No.: 22J1151

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 October 21, 2022 and listed below. The project was identified as your project: **20220760**.

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>
22J1151-01	SV-1 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-02	SV-2 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-03	SV-3 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-04	SV-4 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-05	SV-5 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-06	SV-6 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-07	SV-7 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-08	SV-8 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-09	SV-9 20221020	Soil Vapor	10/20/2022	10/21/2022
22J1151-10	SV-10 20221020	Soil Vapor	10/20/2022	10/21/2022

General Notes for York Project (SDG) No.: 22J1151

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: 11/01/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: SV-1 20221020

York Sample ID: 22J1151-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22J1151	20220760	Soil Vapor	October 20, 2022 11:10 am	10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	11	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ
71-55-6	1,1,1-Trichloroethane	9.6		ug/m ³	8.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-35-4	1,1-Dichloroethylene	4.4		ug/m ³	1.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
95-63-6	1,2,4-Trimethylbenzene	16		ug/m ³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.4	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
106-99-0	1,3-Butadiene	14		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.4	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ



Sample Information

Client Sample ID: SV-1 20221020

York Sample ID: 22J1151-01

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 11:10 am	<u>Date Received</u> 10/21/2022
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
78-93-3	2-Butanone	8.0		ug/m ³	4.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	13	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
108-10-1	4-Methyl-2-pentanone	10		ug/m ³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
67-64-1	Acetone	220		ug/m ³	7.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
71-43-2	Benzene	10		ug/m ³	5.1	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	8.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-25-2	Bromoform	ND		ug/m ³	16	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-15-0	Carbon disulfide	7.9		ug/m ³	5.0	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	7.3	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
67-66-3	Chloroform	48		ug/m ³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.3	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
156-59-2	cis-1,2-Dichloroethylene	2800		ug/m ³	79	796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 18:01	LLJ



Sample Information

Client Sample ID: SV-1 20221020

York Sample ID: 22J1151-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.2	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	5.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	14	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ
100-41-4	Ethyl Benzene	26		ug/m ³	6.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
67-63-0	Isopropanol	20	B	ug/m ³	7.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.7	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
142-82-5	n-Heptane	24		ug/m ³	6.5	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
110-54-3	n-Hexane	36		ug/m ³	5.6	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
95-47-6	o-Xylene	9.0		ug/m ³	6.9	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
179601-23-1	p- & m- Xylenes	26		ug/m ³	14	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
622-96-8	* p-Ethyltoluene	16		ug/m ³	7.8	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ
115-07-1	* Propylene	120		ug/m ³	2.7	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ
100-42-5	Styrene	ND		ug/m ³	6.8	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
127-18-4	Tetrachloroethylene	86		ug/m ³	11	15.92	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 17:14	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.4	15.92	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 17:14	LLJ



Sample Information

Client Sample ID: SV-1 20221020

York Sample ID: 22J1151-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane (Freon 11), Vinyl acetate, Vinyl bromide, Vinyl Chloride.

Sample Information

Client Sample ID: SV-2 20221020

York Sample ID: 22J1151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane.



Sample Information

Client Sample ID: SV-2 20221020

York Sample ID: 22J1151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/m ³	2.8	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.69	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	5.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
95-63-6	1,2,4-Trimethylbenzene	14		ug/m ³	3.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	5.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	4.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	2.8	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	3.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	4.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
108-67-8	1,3,5-Trimethylbenzene	3.8		ug/m ³	3.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
106-99-0	1,3-Butadiene	5.0		ug/m ³	4.6	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	4.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	3.2	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	4.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	5.0	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
78-93-3	2-Butanone	3.3		ug/m ³	2.1	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	5.7	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	11	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
108-10-1	4-Methyl-2-pentanone	3.4		ug/m ³	2.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ



Sample Information

Client Sample ID: SV-2 20221020

York Sample ID: 22J1151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	85		ug/m ³	3.3	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	1.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
71-43-2	Benzene	2.2		ug/m ³	2.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	3.6	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	4.7	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-25-2	Bromoform	ND		ug/m ³	7.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
74-83-9	Bromomethane	ND		ug/m ³	2.7	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-15-0	Carbon disulfide	5.9		ug/m ³	2.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	1.1	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	3.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-00-3	Chloroethane	ND		ug/m ³	1.8	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
67-66-3	Chloroform	ND		ug/m ³	3.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
74-87-3	Chloromethane	1.4		ug/m ³	1.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.69	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	3.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
110-82-7	Cyclohexane	3.4		ug/m ³	2.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	6.0	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	3.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	5.0	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ



Sample Information

Client Sample ID: SV-2 20221020

York Sample ID: 22J1151-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:10 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	18		ug/m ³	3.0	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	7.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
67-63-0	Isopropanol	10		ug/m ³	3.4	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	2.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	2.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	4.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
142-82-5	n-Heptane	4.6		ug/m ³	2.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
110-54-3	n-Hexane	3.0		ug/m ³	2.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
95-47-6	o-Xylene	6.1		ug/m ³	3.0	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
179601-23-1	p- & m- Xylenes	17		ug/m ³	6.1	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
622-96-8	* p-Ethyltoluene	12		ug/m ³	3.4	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ
115-07-1	* Propylene	44		ug/m ³	1.2	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ
100-42-5	Styrene	ND		ug/m ³	3.0	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	4.7	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	4.1	7	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 03:20	LLJ
108-88-3	Toluene	58		ug/m ³	2.6	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	2.8	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	3.2	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
79-01-6	Trichloroethylene	700		ug/m ³	0.94	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	3.9	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ



Sample Information

Client Sample ID: SV-2 20221020

York Sample ID: 22J1151-02

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 11:10 am	<u>Date Received</u> 10/21/2022
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	2.5	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	3.1	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.89	7	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 03:20	LLJ

Sample Information

Client Sample ID: SV-3 20221020

York Sample ID: 22J1151-03

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 11:15 am	<u>Date Received</u> 10/21/2022
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	5.0	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	4.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	5.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	5.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	4.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	3.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.73	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	5.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
95-63-6	1,2,4-Trimethylbenzene	43		ug/m ³	3.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	5.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ



Sample Information

Client Sample ID: SV-3 20221020

York Sample ID: 22J1151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:15 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	4.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	3.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	3.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	5.1	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
108-67-8	1,3,5-Trimethylbenzene	12		ug/m ³	3.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
106-99-0	1,3-Butadiene	21		ug/m ³	4.9	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	4.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	3.4	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	4.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	5.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
78-93-3	2-Butanone	68		ug/m ³	2.2	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	6.0	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	11	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
108-10-1	4-Methyl-2-pentanone	7.8		ug/m ³	3.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
67-64-1	Acetone	610		ug/m ³	3.5	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	1.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
71-43-2	Benzene	11		ug/m ³	2.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	3.8	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	4.9	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ



Sample Information

Client Sample ID: SV-3 20221020

York Sample ID: 22J1151-03

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 11:15 am	<u>Date Received</u> 10/21/2022
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m ³	7.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
74-83-9	Bromomethane	ND		ug/m ³	2.9	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-15-0	Carbon disulfide	58		ug/m ³	2.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	1.2	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	3.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-00-3	Chloroethane	ND		ug/m ³	1.9	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
67-66-3	Chloroform	ND		ug/m ³	3.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
74-87-3	Chloromethane	ND		ug/m ³	1.5	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
156-59-2	cis-1,2-Dichloroethylene	2.0		ug/m ³	0.73	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	3.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
110-82-7	Cyclohexane	7.1		ug/m ³	2.5	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	6.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	3.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	5.3	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
100-41-4	Ethyl Benzene	56		ug/m ³	3.2	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	7.8	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
67-63-0	Isopropanol	8.8	B	ug/m ³	3.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	3.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	2.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ



Sample Information

Client Sample ID: SV-3 20221020

York Sample ID: 22J1151-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:15 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m ³	5.1	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
142-82-5	n-Heptane	17		ug/m ³	3.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
110-54-3	n-Hexane	22		ug/m ³	2.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
95-47-6	o-Xylene	22		ug/m ³	3.2	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
179601-23-1	p- & m- Xylenes	58		ug/m ³	6.4	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
622-96-8	* p-Ethyltoluene	40		ug/m ³	3.6	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
115-07-1	* Propylene	350		ug/m ³	1.3	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
100-42-5	Styrene	ND		ug/m ³	3.1	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
127-18-4	Tetrachloroethylene	5.5		ug/m ³	5.0	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
109-99-9	* Tetrahydrofuran	5.2		ug/m ³	4.3	7.34	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 14:27	LLJ
108-88-3	Toluene	49		ug/m ³	2.8	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	2.9	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	3.3	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
79-01-6	Trichloroethylene	5.1		ug/m ³	0.99	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	4.1	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	2.6	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	3.2	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.94	7.34	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 14:27	LLJ



Sample Information

Client Sample ID: SV-4 20221020

York Sample ID: 22J1151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:15 am

10/21/2022

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 ³	10	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.3	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	10	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.3	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-35-4	1,1-Dichloroethylene	7.3		ug/m ³	1.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	11	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
95-63-6	1,2,4-Trimethylbenzene	55		ug/m ³	7.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.0	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
108-67-8	1,3,5-Trimethylbenzene	23		ug/m ³	7.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
106-99-0	1,3-Butadiene	26		ug/m ³	10	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.0	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ



Sample Information

Client Sample ID: SV-4 20221020

York Sample ID: 22J1151-04

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 11:15 am	<u>Date Received</u> 10/21/2022
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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
123-91-1	1,4-Dioxane	ND		ug/m ³	11	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
78-93-3	2-Butanone	30		ug/m ³	4.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	12	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	24	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
67-64-1	Acetone	360		ug/m ³	7.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.3	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
71-43-2	Benzene	11		ug/m ³	4.9	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	7.9	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	10	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-25-2	Bromoform	ND		ug/m ³	16	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
74-83-9	Bromomethane	ND		ug/m ³	5.9	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-15-0	Carbon disulfide	38		ug/m ³	4.7	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.4	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	7.0	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.0	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
67-66-3	Chloroform	28		ug/m ³	7.4	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.1	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
156-59-2	cis-1,2-Dichloroethylene	1300		ug/m ³	1.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ



Sample Information

Client Sample ID: SV-4 20221020

York Sample ID: 22J1151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:15 am

10/21/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	6.9	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	5.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
100-41-4	Ethyl Benzene	55		ug/m ³	6.6	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	16	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
67-63-0	Isopropanol	18	B	ug/m ³	7.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
75-09-2	Methylene chloride	73		ug/m ³	11	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
142-82-5	n-Heptane	14		ug/m ³	6.2	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
110-54-3	n-Hexane	13		ug/m ³	5.4	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
95-47-6	o-Xylene	37		ug/m ³	6.6	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
179601-23-1	p- & m- Xylenes	69		ug/m ³	13	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
622-96-8	* p-Ethyltoluene	70		ug/m ³	7.5	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
115-07-1	* Propylene	280		ug/m ³	2.6	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ
100-42-5	Styrene	ND		ug/m ³	6.5	15.24	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/30/2022 01:36	10/30/2022 20:27	LLJ
127-18-4	Tetrachloroethylene	9100		ug/m ³	41	60.96	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:07	10/29/2022 15:16	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.0	15.24	EPA TO-15 Certifications:	10/30/2022 01:36	10/30/2022 20:27	LLJ



Sample Information

Client Sample ID: SV-4 20221020

York Sample ID: 22J1151-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:15 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane (Freon 11), Vinyl acetate, Vinyl bromide, and Vinyl Chloride.

Sample Information

Client Sample ID: SV-5 20221020

York Sample ID: 22J1151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:20 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, and 1,1-Dichloroethane.



Sample Information

Client Sample ID: SV-5 20221020

York Sample ID: 22J1151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:20 am

10/21/2022

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
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.7	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
95-63-6	1,2,4-Trimethylbenzene	34		ug/m ³	8.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.8	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.7	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
108-67-8	1,3,5-Trimethylbenzene	9.8		ug/m ³	8.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.7	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	12	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
78-93-3	2-Butanone	93		ug/m ³	4.9	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	14	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
108-10-1	4-Methyl-2-pentanone	10		ug/m ³	6.8	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
67-64-1	Acetone	830		ug/m ³	7.9	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ



Sample Information

Client Sample ID: SV-5 20221020

York Sample ID: 22J1151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:20 am

10/21/2022

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
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
71-43-2	Benzene	8.0		ug/m ³	5.3	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	8.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-25-2	Bromoform	ND		ug/m ³	17	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.5	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-15-0	Carbon disulfide	150		ug/m ³	5.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	7.7	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
67-66-3	Chloroform	ND		ug/m ³	8.1	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
156-59-2	cis-1,2-Dichloroethylene	8.6		ug/m ³	1.7	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
110-82-7	Cyclohexane	30		ug/m ³	5.7	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.3	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
100-41-4	Ethyl Benzene	57		ug/m ³	7.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ



Sample Information

Client Sample ID: SV-5 20221020

York Sample ID: 22J1151-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 11:20 am

10/21/2022

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
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
67-63-0	Isopropanol	18	B	ug/m ³	8.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	12	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
142-82-5	n-Heptane	16		ug/m ³	6.8	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
110-54-3	n-Hexane	19		ug/m ³	5.9	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
95-47-6	o-Xylene	22		ug/m ³	7.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
179601-23-1	p- & m- Xylenes	59		ug/m ³	14	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
622-96-8	* p-Ethyltoluene	35		ug/m ³	8.2	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
115-07-1	* Propylene	540		ug/m ³	2.9	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
100-42-5	Styrene	ND		ug/m ³	7.1	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	11	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.8	16.69	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 18:23	LLJ
108-88-3	Toluene	49		ug/m ³	6.3	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.6	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
79-01-6	Trichloroethylene	7.2		ug/m ³	2.2	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.4	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	5.9	16.69	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 18:23	LLJ



Sample Information

Client Sample ID: SV-5 20221020

York Sample ID: 22J1151-05

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 22J1151, 20220760, Soil Vapor, October 20, 2022 11:20 am, 10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Vinyl bromide and Vinyl Chloride.

Sample Information

Client Sample ID: SV-6 20221020

York Sample ID: 22J1151-06

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 22J1151, 20220760, Soil Vapor, October 20, 2022 10:25 am, 10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chloroethanes, trichloroethanes, dichloroethanes, and benzene derivatives.



Sample Information

Client Sample ID: SV-6 20221020

York Sample ID: 22J1151-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.5	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
108-67-8	1,3,5-Trimethylbenzene	9.5		ug/m ³	1.6	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
106-99-0	1,3-Butadiene	2.7		ug/m ³	2.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	2.0	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.5	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	2.0	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	2.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
78-93-3	2-Butanone	65		ug/m ³	0.96	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	2.7	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	5.1	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
108-10-1	4-Methyl-2-pentanone	2.3		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
67-64-1	Acetone	210		ug/m ³	1.6	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.71	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
71-43-2	Benzene	3.4		ug/m ³	1.0	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	1.7	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	2.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-25-2	Bromoform	ND		ug/m ³	3.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ



Sample Information

Client Sample ID: SV-6 20221020

York Sample ID: 22J1151-06

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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
74-83-9	Bromomethane	ND		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-15-0	Carbon disulfide	24		ug/m ³	1.0	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.51	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	1.5	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.86	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
67-66-3	Chloroform	56		ug/m ³	1.6	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.68	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.32	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
110-82-7	Cyclohexane	4.3		ug/m ³	1.1	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	2.8	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	1.6	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	2.4	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
100-41-4	Ethyl Benzene	44		ug/m ³	1.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.5	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
67-63-0	Isopropanol	9.2	B	ug/m ³	1.6	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	2.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
142-82-5	n-Heptane	4.6		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ



Sample Information

Client Sample ID: SV-6 20221020

York Sample ID: 22J1151-06

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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
110-54-3	n-Hexane	4.0		ug/m ³	1.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
95-47-6	o-Xylene	17		ug/m ³	1.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
179601-23-1	p- & m- Xylenes	46		ug/m ³	2.8	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
622-96-8	* p-Ethyltoluene	36		ug/m ³	1.6	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
115-07-1	* Propylene	17		ug/m ³	0.56	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
100-42-5	Styrene	ND		ug/m ³	1.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
127-18-4	Tetrachloroethylene	13		ug/m ³	2.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.9	3.27	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 05:26	LLJ
108-88-3	Toluene	33		ug/m ³	1.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.3	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.44	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	1.8	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	1.2	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	1.4	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.42	3.27	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 05:26	LLJ

Sample Information

Client Sample ID: SV-7 20221020

York Sample ID: 22J1151-07

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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Sample Information

Client Sample ID: SV-7 20221020

York Sample ID: 22J1151-07

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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 ³	11	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	8.6	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	12	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	8.6	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
95-63-6	1,2,4-Trimethylbenzene	42		ug/m ³	7.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	12	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	9.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.3	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
108-67-8	1,3,5-Trimethylbenzene	15		ug/m ³	7.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	10	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	9.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.3	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	9.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ



Sample Information

Client Sample ID: SV-7 20221020

York Sample ID: 22J1151-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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 ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
78-93-3	2-Butanone	33		ug/m ³	4.6	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
591-78-6	* 2-Hexanone	16		ug/m ³	13	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	25	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
108-10-1	4-Methyl-2-pentanone	7.1		ug/m ³	6.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
67-64-1	Acetone	1400		ug/m ³	7.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	3.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
71-43-2	Benzene	15		ug/m ³	5.0	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	8.1	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-25-2	Bromoform	ND		ug/m ³	16	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
74-83-9	Bromomethane	ND		ug/m ³	6.1	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	4.9	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	7.2	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-00-3	Chloroethane	ND		ug/m ³	4.2	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
67-66-3	Chloroform	ND		ug/m ³	7.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
74-87-3	Chloromethane	ND		ug/m ³	3.3	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	1.6	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ



Sample Information

Client Sample ID: SV-7 20221020

York Sample ID: 22J1151-07

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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 ³	7.1	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	5.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	13	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	7.8	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	11	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ
100-41-4	Ethyl Benzene	29		ug/m ³	6.8	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	17	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
67-63-0	Isopropanol	130	B	ug/m ³	7.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.4	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	5.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
142-82-5	n-Heptane	6.5		ug/m ³	6.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
110-54-3	n-Hexane	5.5		ug/m ³	5.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
95-47-6	o-Xylene	16		ug/m ³	6.8	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
179601-23-1	p- & m- Xylenes	37		ug/m ³	14	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
622-96-8	* p-Ethyltoluene	34		ug/m ³	7.7	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ
115-07-1	* Propylene	20		ug/m ³	2.7	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ
100-42-5	Styrene	ND		ug/m ³	6.7	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
127-18-4	Tetrachloroethylene	61		ug/m ³	11	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.3	15.74	EPA TO-15 Certifications:	10/29/2022 09:17	10/29/2022 19:56	LLJ



Sample Information

Client Sample ID: SV-7 20221020

York Sample ID: 22J1151-07

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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
108-88-3	Toluene	34		ug/m ³	5.9	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.2	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.1	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	2.1	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	8.8	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	5.5	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	6.9	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	2.0	15.74	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/29/2022 19:56	LLJ

Sample Information

Client Sample ID: SV-8 20221020

York Sample ID: 22J1151-08

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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 ³	1.1	1.647	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 03:51	LLJ
71-55-6	1,1,1-Trichloroethane	0.99		ug/m ³	0.90	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.90	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ



Sample Information

Client Sample ID: SV-8 20221020

York Sample ID: 22J1151-08

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
95-63-6	1,2,4-Trimethylbenzene	46		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
108-67-8	1,3,5-Trimethylbenzene	9.9		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 03:51	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.99	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
78-93-3	2-Butanone	6.8		ug/m ³	0.49	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.647	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 03:51	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	2.6	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
108-10-1	4-Methyl-2-pentanone	2.1		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ



Sample Information

Client Sample ID: SV-8 20221020

York Sample ID: 22J1151-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
67-64-1	Acetone	66		ug/m ³	0.78	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.36	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
71-43-2	Benzene	2.6		ug/m ³	0.53	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.85	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.7	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.64	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-15-0	Carbon disulfide	1.8		ug/m ³	0.51	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.26	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.76	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.43	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.80	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.34	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
110-82-7	Cyclohexane	1.2		ug/m ³	0.57	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.647	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 03:51	LLJ



Sample Information

Client Sample ID: SV-8 20221020

York Sample ID: 22J1151-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
100-41-4	Ethyl Benzene	43		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
67-63-0	Isopropanol	2.9	B	ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.67	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.59	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
142-82-5	n-Heptane	3.8		ug/m ³	0.68	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
110-54-3	n-Hexane	3.4		ug/m ³	0.58	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
95-47-6	o-Xylene	18		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
179601-23-1	p- & m- Xylenes	49		ug/m ³	1.4	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
622-96-8	* p-Ethyltoluene	38		ug/m ³	0.81	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
115-07-1	* Propylene	4.9		ug/m ³	0.28	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
100-42-5	Styrene	ND		ug/m ³	0.70	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
127-18-4	Tetrachloroethylene	10		ug/m ³	1.1	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	0.97	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
108-88-3	Toluene	28		ug/m ³	0.62	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.65	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
79-01-6	Trichloroethylene	2.5		ug/m ³	0.22	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.0		ug/m ³	0.93	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ



Sample Information

Client Sample ID: SV-8 20221020

York Sample ID: 22J1151-08

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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
108-05-4	Vinyl acetate	ND		ug/m ³	0.58	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.72	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.21	1.647	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 03:51	LLJ

Sample Information

Client Sample ID: SV-9 20221020

York Sample ID: 22J1151-09

<u>York Project (SDG) No.</u> 22J1151	<u>Client Project ID</u> 20220760	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> October 20, 2022 10:25 am	<u>Date Received</u> 10/21/2022
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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 ³	2.2	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.8	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.8	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.32	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
95-63-6	1,2,4-Trimethylbenzene	45		ug/m ³	1.6	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ



Sample Information

Client Sample ID: SV-9 20221020

York Sample ID: 22J1151-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.9	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
108-67-8	1,3,5-Trimethylbenzene	10		ug/m ³	1.6	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	2.1	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.9	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.5	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.9	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	2.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
78-93-3	2-Butanone	3.1		ug/m ³	0.95	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	2.6	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	5.0	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
108-10-1	4-Methyl-2-pentanone	6.5		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
67-64-1	Acetone	250		ug/m ³	1.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.70	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
71-43-2	Benzene	1.9		ug/m ³	1.0	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	1.7	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	2.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ



Sample Information

Client Sample ID: SV-9 20221020

York Sample ID: 22J1151-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
75-25-2	Bromoform	ND		ug/m ³	3.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
74-83-9	Bromomethane	ND		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	1.0	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.51	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	1.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.85	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
67-66-3	Chloroform	57		ug/m ³	1.6	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.67	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.64		ug/m ³	0.32	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	1.1	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	2.7	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-71-8	Dichlorodifluoromethane	2.2		ug/m ³	1.6	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	2.3	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
100-41-4	Ethyl Benzene	42		ug/m ³	1.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	3.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
67-63-0	Isopropanol	11	B	ug/m ³	1.6	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ



Sample Information

Client Sample ID: SV-9 20221020

York Sample ID: 22J1151-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

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
75-09-2	Methylene chloride	3.1		ug/m ³	2.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
142-82-5	n-Heptane	3.8		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
110-54-3	n-Hexane	3.9		ug/m ³	1.1	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
95-47-6	o-Xylene	19		ug/m ³	1.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
179601-23-1	p- & m- Xylenes	52		ug/m ³	2.8	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
622-96-8	* p-Ethyltoluene	38		ug/m ³	1.6	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
115-07-1	* Propylene	2.7		ug/m ³	0.56	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
100-42-5	Styrene	ND		ug/m ³	1.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
127-18-4	Tetrachloroethylene	3.3		ug/m ³	2.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.9	3.226	EPA TO-15 Certifications:	10/29/2022 09:17	10/30/2022 04:40	LLJ
108-88-3	Toluene	68		ug/m ³	1.2	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.3	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.5	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
79-01-6	Trichloroethylene	380		ug/m ³	0.43	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	1.8	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	1.1	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	1.4	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.41	3.226	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 04:40	LLJ



Sample Information

Client Sample ID: SV-10 20221020

York Sample ID: 22J1151-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	7.9	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	6.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	7.9	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	8.9	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	6.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	4.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	8.6	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
95-63-6	1,2,4-Trimethylbenzene	83		ug/m ³	5.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	8.9	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	7.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	4.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	5.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	170		ug/m ³	8.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
108-67-8	1,3,5-Trimethylbenzene	19		ug/m ³	5.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	7.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	7.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	5.3	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	7.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ



Sample Information

Client Sample ID: SV-10 20221020

York Sample ID: 22J1151-10

York Project (SDG) No.

Client Project ID

Matrix

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22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m ³	8.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
78-93-3	2-Butanone	ND		ug/m ³	3.4	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	9.5	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	18	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
108-10-1	4-Methyl-2-pentanone	4.7		ug/m ³	4.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
67-64-1	Acetone	89		ug/m ³	5.5	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	2.5	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
71-43-2	Benzene	4.1		ug/m ³	3.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	6.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	7.8	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-25-2	Bromoform	ND		ug/m ³	12	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
74-83-9	Bromomethane	ND		ug/m ³	4.5	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	3.6	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	1.8	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	5.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-00-3	Chloroethane	ND		ug/m ³	3.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
67-66-3	Chloroform	9.0		ug/m ³	5.6	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
74-87-3	Chloromethane	ND		ug/m ³	2.4	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
156-59-2	cis-1,2-Dichloroethylene	11		ug/m ³	1.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ



Sample Information

Client Sample ID: SV-10 20221020

York Sample ID: 22J1151-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	5.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	4.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	9.9	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	5.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	8.3	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
100-41-4	Ethyl Benzene	82		ug/m ³	5.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	12	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
67-63-0	Isopropanol	15		ug/m ³	5.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	4.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	4.2	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-09-2	Methylene chloride	ND		ug/m ³	8.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
142-82-5	n-Heptane	6.6		ug/m ³	4.7	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
110-54-3	n-Hexane	5.3		ug/m ³	4.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
95-47-6	o-Xylene	32		ug/m ³	5.0	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
179601-23-1	p- & m- Xylenes	90		ug/m ³	10	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
622-96-8	* p-Ethyltoluene	68		ug/m ³	5.7	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
115-07-1	* Propylene	8.0		ug/m ³	2.0	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ
100-42-5	Styrene	ND		ug/m ³	4.9	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	7.8	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	6.8	11.57	EPA TO-15 Certifications:	10/31/2022 08:00	11/01/2022 05:00	LLJ



Sample Information

Client Sample ID: SV-10 20221020

York Sample ID: 22J1151-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1151

20220760

Soil Vapor

October 20, 2022 10:25 am

10/21/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	59		ug/m ³	4.4	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
156-60-5	trans-1,2-Dichloroethylene	6.4		ug/m ³	4.6	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	5.3	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
79-01-6	Trichloroethylene	190000		ug/m ³	310	2315	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/29/2022 09:17	10/30/2022 02:08	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	6.5	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	4.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	5.1	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	1.5	11.57	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	10/31/2022 08:00	11/01/2022 05:00	LLJ





Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

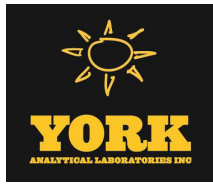
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration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



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



YOUR Information
Company: PVC Engineer (NY)
Address: 48 Spring Side Avenue
Poughkeepsie, NY 12623
Phone: 845-454-2654
Contact: Trevor Taglia
E-mail: tttaglia@pvc.com

Report To:
Company: Same
Address: Same
Phone: Same
Contact: Carlos Tacchell
E-mail: ctacchell@pvc.com

Invoice To:
Company: Same
Address: Same
Phone: Same
Contact: Tania Alvarado
E-mail: talvarado@pvc.com

Field Chain-of-Custody Record - AIR

YORK Project No.
22J1151

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 1

YOUR Project Number
20220760

YOUR Project Name
20220760

YOUR PO#: 20220760 - Subcontractor Invoice

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

Report / EDD Type (circle selections)
CT RCP
CT RCP DQA/DUE
NJDEP Reduced Deliv.
NJDEP SRP HazSite

Standard Excel EDD
EQUIS (Standard)
NYSDEC EQUIS
NJDEP SRP HazSite

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

Certified Canisters: Batch Individual

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 20221020	10/21/22 11:10	AS	-30+	-8	18212	13664	VOCs via TO-15
SV-2 20221020	11:10		-30	-8	37807	13664	
SV-3 20221020	11:15		-27	-4	28853	5627	
SV-4 20221020	11:15		-30	-5	42993	7609	
SV-5 20221020	11:20		-29	-4	23994	5610	
SV-6 20221020	10:25		-30	-7	10044	12190	
SV-7 20221020	10:25		-30+	-4	23997	5605	
SV-8 20221020	10:25		-30+	-5	20665	3350	
SV-9 20221020	10:25		-27	-6	23991	12184	
SV-10 20221020	10:25		-30+	-5	23798	5607	

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
YORK	10/21/22 11:20	Chic York	10/21/22 14:14
YORK	10/21/22 14:14	Chic York	10/21/22 14:14
YORK	10/21/22 14:14	Chic York	10/21/22 14:14