PERIODIC REVIEW REPORT

100 East Mineola Avenue

Valley Stream, New York

NYSDEC Site Number: V-00145-1

USEPA ID # NYD008923526

Prepared for:

Sid Harvey Industries

Garden City, New York

December 2023

Prepared By: ***Nicholas A. Andrianas, P.E.***

NAA ENGINEERING
1 Sound Breeze Drive

Miller Place, New York 11764

Tel 516-680-1677

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PROFESSIONAL ENGINEER'S CERTIFICATION

In accordance with NYSDEC DER-10, this Periodic Review Report is certified as follows:

"*For each institutional or engineering control identified for the site, I certify that all of the following statements are true:*

- *The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;*
- *The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;*
- *Nothing has occurred that would impair the ability of the control to protect the public health and environment;*
- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;*
- *Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;*
- *If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;*
- *Use of the site is compliant with the environmental easement;*
- *The engineering control systems are performing as designed and are effective;*
- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and*
- *The information presented in this report is accurate and complete.*

I certify that all information and statements in this certification form are true. I understand that a false

statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Nicholas A. Andrianas, P.E. am certifying as Remedial Party Designated Site Representative I have been authorized and designated by the remedial party to sign this certification for the site."

No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid.

Nicholas A. Andrianas, P.E.

REGISTERED PROFESSIONAL ENGINEER NUMBER: 063661

DATE: December 18, 2023

1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is a required element of the remedial program for the 100 East Mineola Avenue property located in Valley Stream, New York ("Site"). The Site was in the New York State (NYS) Voluntary Cleanup Program (VCP) Site No. V-00145-1, which is administered by New York State Department of Environmental Conservation (NYSDEC). This PRR was prepared in accordance with the NYSDEC approved Site Management Plan (SMP) requirements. This report covers the period from November 21, 2022 to November 21, 2023 as required by NYSDEC.

A. Nature and Extent of Contamination - Numerous site investigations were performed between 1998 and 2015. The results of the on-site investigation found that the soil, soil vapor and groundwater beneath the Site and offsite were contaminated by chlorinated solvents from on-site sources and by petroleum products from an off-site, up-gradient source. The groundwater flow direction was determined to be to the south-southwest. The approximate downgradient extent of VOCs in groundwater is East Hawthorne Avenue. The onsite and offsite investigations were completed in 2015. the results of the on-site and the off-site investigations are described in the "May 2015, Remedial Investigation Report."

B. Effectiveness of the Remedial Program - The enhanced anaerobic bioremediation system has reduced the concentrations of total chlorinated VOCs in groundwater, since the treatment chemicals were injected. The SSDS at 140 East Mineola Avenue meets the remedial objective and prevents soil vapor migration from the subsoil to indoor air. The onsite SVE system captures VOC vapors onsite and meets the remedial objective. The system removed approximately 3.4 pounds of total VOCs in soil vapor in 2019, approximately 3.4 pounds in 2020, 2.8 pounds in 2021, 2.23 pounds in 2022 and 4.2 pounds in 2023. The Institutional and Engineering Controls (ICs and ECs) were incorporated into the site remedy to control exposure to remaining contamination to ensure protection of

public health and the environment, and no changes are needed. An Environmental Easement granted to the NYSDEC, and recorded with the Nassau County Clerk, requires compliance with the NYSDEC approved Site Management Plan (SMP). The ECs and ICs are in place on the site.

C. Compliance – The major elements of the SMP including the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan comply with the SMP requirements.

D. Recommendations - No changes to the SMP are needed. The annual frequency of PRR submittal should continue unchanged. The PRR will include the annual monitoring and O&M results/inspections.

2.0 Site Overview

The site is located at 100 East Mineola Avenue in Valley Stream, Nassau County, New York and is identified as Section 37 Block 75 and Lots 20-24, 25-30, 49-51on the Valley Stream, Nassau County Tax Map. The site is an approximately 1 acre and is bounded by East Mineola Avenue to the north, East Valley Stream Boulevard, houses, and industrial building to the south, an industrial building and LIRR railroad to the east. The Site consists of an approximate 33,000 square feet building with paved surfaces and a parking area on the north side of the building. The Site is zoned industrial and is currently occupied by multiple tenants. Site occupants include a company that prepares floral arrangements and leases equipment for special events, a Budget Truck rental storage yard, and a Corvette automobile rebuild/storage shop. The site remediation systems and monitoring points are shown on attached figure.

The final selected remedy for the site includes the combined air sparge/ soil vapor extraction (AS/SVE) system, sub-slab depressurization system (SSDS) at the adjoining property, enhanced anaerobic biodegradation to treat groundwater and institutional controls. The NYSDEC issued an April 2016 Sid Harvey Facility Operable Unit 2: Saturated Soil and Groundwater decision document for the site to supplement the OU-1 remedy and the selected elements of the OU-1 and OU-2 remedies are summarized below:

1. **Air Sparge with Soil Vapor Extraction (AS/SVE)-** Continue operation of the air sparge system installed as an IRM for this operable unit and the OU1 soil vapor extraction system to address the contaminated soils and groundwater to a depth of about 60 feet below ground surface (bgs).

2. **Enhanced Bioremediation-** In-situ enhanced biodegradation was employed to treat VOCs in the areas below 60 feet bgs beyond the influence of the AS/SVE system.

The biological breakdown of contaminants through anaerobic reductive dechlorination is enhanced by multiple and mixed injections of electron donor products and other amendments that were injected into the subsurface to promote microbe growth via injection wells screened at multiple locations and depths.

3. **Cover System-** A site cover currently exists and is maintained to allow for industrial use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for industrial use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

4. **Institutional Control-** Imposition of an institutional control in the form of a deed restriction for the controlled property which addresses the following:

    - requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional controls in accordance with Part 375-1.8(h)(3);
    - allows the use and development of the controlled property for industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
    - restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or Nassau County DOH; and requires compliance with the Department approved Site Management Plan.

The Remedial Action Objectives (RAOs) for the Site as listed in the April 14, 2016 Decision Document are summarized as follows:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

3.0 Evaluate Remedy Performance, Effectiveness, and Protectiveness

Groundwater

The groundwater remedy for the site at this time is enhanced anaerobic bioremediation. The air sparge remediation system is presently shut down to permit anaerobic bioremediation. The enhanced anaerobic, biological treatment remedy consisted of the January 2017 injection of Regenesis 3DMe, Bio-Dechlor Inoculum Plus and CRS solution at three rows of injection points at the northeast corner of the property. The treatment biological chemicals were injected at a total of 8 points. The NYSDEC approved remedy also includes injection of food grade molasses and Bio-Dechlor Inoculum Plus at wells PMW-3, MW-6I, and MW-12 on a monthly basis. The monthly treatment began in January 2017 and was completed in December 2017 for a total of 12 months.

Groundwater monitoring to track the performance of the enhanced bioremediation for this 2023 PRR was performed on January 17, 2023 and the results are summarized in this section. Prior to sampling, depth-to-groundwater measurements were taken at all wells. The sampling results for VOCs are presented in Table 1 of the enclosed report. The locations of the monitoring wells and groundwater flow direction are shown on Figure 1 of the report.

The enhanced anaerobic, biological treatment remedy consisted of the January 2017 injection of Regenesis 3DMe, Bio-Dechlor Inoculum Plus and CRS solution at three rows of injection points at the northeast corner of the property. The treatment biological chemicals were injected at a total of 8 points. The NYSDEC approved remedy also includes injection of food grade molasses and Bio-Dechlor Inoculum Plus at wells PMW-3, MW-6I, and MW-12 on a monthly basis. The monthly treatment began in January 2017 and was completed in December 2017 for a total of 12 months.

The groundwater samples were collected in accordance with the NYSDEC approved May 2018 Site Management Plan. The samples were placed in laboratory prepared sample containers and shipped to Phoenix, Environmental Laboratories Inc., an ELAP certified laboratory located in Manchester, Connecticut. The samples and a trip blank were analyzed for volatile organic compounds (VOCs) as required by the SMP. The laboratory data are enclosed.

Prior to sampling, depth-to-groundwater measurements were taken at all wells. The water level measurements are shown in Table 3. The monitoring well locations and groundwater flow direction are shown on Figures 1 - 2019 and 2020.

2021-2023 VOC Results

The December 2019-2023 sampling results are plotted in the attached figures and confirm that the NYSDEC approved treatment remedy for groundwater continues to reduce VOCs, as required to achieve the aquifer restoration remedial objective specified in the RAWP. The total CVOCs observed at well MW-12 found in December 2021 also decreased. The latest round of groundwater samples was collected on January 17, 2023. The results are included in this report, shown in the tables and graphed to show the continued decrease in the total CVOC concentrations including the decrease in the CVOC concentrations in the sample from MW-12.

SSDS

The SSDS at 140 East Mineola Avenue operates continuously 365 days per year. The SSDS meets the remedial objective. The annual sub-slab vapor and indoor air sampling was performed on March 17, 2023. The sampling results confirm that VOC concentrations meet the "No Further Action" criteria in the New York State Department of Health, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 with the SSD system in operation.

On March 31, 2023, the SSDS well SSD-1 and SSD-2 were found to be operating at a flow rate of 58 cubic feet per minute (CFM). Vacuum measurements at wells SSD-1 and SSD-2 were 2.8 and 2.0 inches water column (wc), respectively.

The blower vacuum measurements confirm that the SSDS is operating within the design vacuum parameters and maintains the design vacuum response throughout the building footprint to control vapor migration to indoor air, based on the prior sub-slab vacuum measurements.

No corrective actions to the SSDS were needed during this reporting period. The sampling and

inspection reports are appended to this PRR. No cracks requiring repairs were observed in 2023.

SVE System

The onsite SVE runs 24 hours per day, 365 days per year. The system captures soil vapor VOC vapors onsite and meets the remedial objective. The system consists of 7 SVE extraction wells, a 5 HP regenerative blower, a moisture knockout vessel and 2 granular activated carbon vessels (lead /lag) configuration to remove VOCs from the air stream.

Vacuum and air flow rate are measured monthly to confirm that the system meets the remedial design criteria.

A round of SVE system soil vapor and VGAC air emission samples was collected on October 26, 2023. A copy of the laboratory report is appended to this PRR. The VOC concentrations in the exhaust air from the SVE stack were screened and compared to the NYSDEC Annual Guidance Concentrations (AGC) and Short term guidance concentrations (SGC) in accordance with the "NYSDEC DAR-1 Guidelines for the Evaluation and Control of Ambient Air Contaminants Under Part 212". The concentrations discharged from the SVE stack were modeled using "AERSCREEN", the NYSDEC screen-level air quality model in accordance with DAR-1. The VOC concentrations modeled in air are less than the DAR-1 Short-term (one-hour) and Annual Guideline Concentrations (AGCs & SGCs) and no emission control modifications were needed in 2023. In September 2021 the carbon vessels were replaced with new vessels, as a preventative measure.

The VOC mass removal rates were calculated based on the blower exhaust VOC concentrations and the SVE blower air flowrate. The SVE system removed approximately 3.4 pounds of total VOCs in soil vapor in 2019, approximately 3.4 pounds in 2020, 2.8 pounds in 2021, 2.23 pounds in 2022 and 4.2 pounds in 2023.

Sitewide Cap

A sitewide cap consisting of asphalt and concrete covered surfaces is part of the site remedy. The cap is good condition and prevents ingestion/direct contact with contaminated soil. The cap was inspected on July 17, 2023 and the inspection report is attached. No changes are required to the cap.

4.0 IC/EC Plan Compliance Report

Institutional and Engineering Controls

The institutional and engineering controls and the compliance status as of December 11, 2023 are summarized below:

- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Nassau County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department. The control is in place.

- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP. The monitoring is performed as required by the SMP. The results are included in this PRR.

- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP. The data and information are reported as required by the SMP. The results are included in this PRR.

- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP. No activities were performed that disturbed the material.

- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP. The monitoring is performed and the results are included in this PRR.

- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP. The SVE and the SSDS equipment is inspected and maintained as required by the SMP. The inspection and maintenance logs are included with this PRR.

- The potential for vapor intrusion must be evaluated for any buildings developed in the area

within the IC boundaries noted on Figure 6, and any potential impacts that are identified must be monitored or mitigated. No buildings were developed in the area.

- Vegetable gardens and farming on the site are prohibited. No vegetable gardening or farming are performed at the site.

The deed restriction for the institutional controls is in place. A copy is appended to this report. The property was sold in December 2021 and the deed was recorded on January 6, 2022. The Institutional and Engineering Controls Certification Form is enclosed.

5.0 Monitoring Plan Compliance Report

The compliance status of each component of the site remedy is summarized in the tables below. No corrective actions or changes are recommended. No deficiencies were noted. The data obtained in compliance with the monitoring requirements are provided in the attached logs and confirm compliance with the remedial action objectives.

SVE System Monitoring Compliance

Remedial System Component	Monitoring Parameter	Operating Range	Monitoring Schedule	In Compliance Yes/No
SVE Blower	Flow Rate (CFM)	225 to 300 CFM	Monthly	Yes
SVE Blower	Vacuum (Inches Water Column)	45 to 100 IWC	Monthly	Yes
SVE Wells	Vacuum (Inches Water Column)	10 to 50 IWC	Monthly	Yes
SVE Wells	Flow Rate (CFM)	10 to 100 CFM	Annual	Yes
SVE Well Covers	Soundness	Soundness	Annual	Yes
KO Vessel	Capacity	0 to 35 gallons	Monthly	Yes

General System Piping	Soundness	Soundness	Monthly	Yes
System Effluent	Flow Rate (CFM)	10 to 100 CFM	Annual	Yes
VGAC Carbon Vessel	VOC (PPM)	Below AGC	Semi-Annual	Yes

AS System Monitoring Compliance

Remedial System Component	**Monitoring Parameter**	**Operating Range**	**Monitoring Schedule**	**In Compliance Yes/No**
AS Compressor Deep	Flow Rate (CFM)	20-50 CFM	Monthly	See note 1
AS Compressor Deep	Pressure (PSI)	28-100 PSI	Monthly	See note 1
AS Deep Wells	Flow Rate (CFM)	10-25 CFM	Monthly	See note 1
AS Deep Wells	Pressure (PSI)	28-100 PSI	Monthly	See note 1
AS Compressor Shallow	Flow Rate (CFM)	28-32 CFM	Monthly	See note 1
AS Compressor Shallow	Pressure (PSI)	16-22 PSI	Monthly	See note 1
AS Shallow Wells	Flow Rate (CFM)	10-16 CFM	Monthly	See note 1

AS Shallow Wells	Pressure (PSI)	16-22 PSI	Monthly	See note 1
AS Well Covers	Soundness	Soundness	Annual	Yes
General System Piping	Static Head (PSI)	26-28 PSI	Monthly	Yes

Note 1. Air sparge system shut down during groundwater enhanced anaerobic dechlorination treatment.

SSDS 140 East Mineola Avenue Monitoring Compliance

Remedial System Component	**Monitoring Parameter**	**Operating Range**	**Monitoring Schedule**	**In Compliance Yes/No**
SSDS Well-1	Vacuum (Inches Water Column)	2 to 3 IWC	Semi-Annual	Yes
SSDS Well-1	Flow Rate (CFM)	10 to 50 CFM	Semi-Annual	Yes
SSDS Well-2	Vacuum (Inches WC)	1.8 to 3 IWC	Semi-Annual	Yes
SSDS Well-2	Flow Rate (CFM)	10 to 80 CFM	Semi-Annual	Yes
Sub-Slab Vapor Implants	Soundness	Soundness	Semi-Annual	Yes
General System Piping	Soundness	Soundness	Semi-Annual	Yes

Remedial System Sampling Requirements Compliance

Sampling Location	**Analytical Parameters**				**Schedule**	**In Compliance Yes/No**
	VOCs (EPA Method 624)	TAL Metals (EPA Method 6010B)	pH (EPA Method 9040)	VOC (EPA Method TO-15)		
SSDS Well-1				X	Annual	Yes
SSDS Well-2				X	Annual	Yes
SSVI				X	Annual	Yes
Indoor Ambient Air				X	Annual	Yes
Outdoor Ambient Air				X	Annual	Yes
SVE-Wells				X	Annual	Yes
SVE VGAC				X	Semi-Annual	Yes (annual sampling since carbon changeout in 2020)

6.0 Operation & Maintenance (O&M) Plan Compliance Report

The operation, maintenance and monitoring plan for the Site consists of groundwater monitoring to track the enhanced bioremediation remedy, SVE system operation, cap maintenance and SSDS operation at 140 East Mineola Ave. The facility complies with the operation, maintenance and monitoring programs. The components and compliance are summarized below. No corrective actions or changes are recommended. No deficiencies were noted.

Groundwater

The groundwater monitoring O&M requires annual inspections of the condition of the monitoring wells. The wells were inspected on July 17, 2023. No corrective actions were required.

AS/SVE and SSDS

The SVE system is inspected at a minimum monthly and the reports for the period of November 21 2022 to November 21, 2023 are attached. The flow rate, vacuum measurements, corrective actions and maintenance are included in the reports.

The requirements are summarized below and O&M results confirm compliance with the remedial system performance criteria. The O&M data are summarized in the enclosed system logs.

AS/SVE and SSDS Remedial System Minimum Operating Requirements

Remedial System Component	Parameter	Minimum Operating Range
SVE Blower	Flow Rate (CFM)	150 CFM
SVE Blower	Vacuum (Inches WC)	45 IWC
SVE Wells	Flow Rate (CFM)	10 CFM
SVE Wells	Vacuum (Inches WC)	10 IWC
VGAC-Carbon Units	Flow Rate (CFM)	10 CFM/Ft^2
VGAC-Carbon Units	PID (PPM)	0.0 PPM

Shallow AS Well	Flow Rate (CFM)	10 CFM
SSDS Blower 1	Vacuum (Inches WC)	2.0 IWC
SSDS Blower 2	Vacuum (Inches WC)	2.0 IWC
SSDS Blower 1	Flow Rate (CFM)	10 CFM
SSDS Blower 2	Flow Rate (CFM)	10 CFM

SITE WIDE CAP

The cap was inspected on July 17, 2023. The asphalt paved surface area and the cracks were repaired, as needed. No additional maintenance was required. The inspection report is appended to this PRR.

7.0 Overall PRR Conclusions and Recommendations

Compliance with the SMP

The SMP includes IC/EC, monitoring, and O&M. The compliance status for each component of the SMP is summarized below.

IC/EC

The institutional and engineering controls and the compliance status are summarized below:

- The use of groundwater underlying the property is prohibited.
- Groundwater, soil vapor and indoor monitoring were performed as defined in this SMP.
- Data and information pertinent to site management were reported at the frequency as defined in the SMP.
- No activities were performed that disturbed remaining contaminated material.
- Monitoring to assess the performance and effectiveness of the remedy was performed as defined in the SMP.
- Operation, maintenance, monitoring, inspection, and reporting of the SVE and the SSDS equipment was performed as required by the SMP.
- No buildings that required vapor intrusion analyses were developed in the area.
- No vegetable gardening or farming were performed at the site.

The deed restriction for the institutional controls is in place.

Monitoring

The SMP required monitoring for groundwater, the AS/SVE system and the SSDS was performed in compliance with the SMP. No corrective actions or changes are recommended. No deficiencies

were noted.

O&M

The SMP required O&M for groundwater, the AS/SVE system and the SSDS was performed compliance with the SMP. No corrective actions or changes are recommended. No deficiencies were noted.

Performance and Effectiveness of the Remedy

This PRR evaluation of the components of the SMP demonstrates that each component of the remedy meets the remedial objectives for the site. No changes are recommended.

Future PRR Submittals

Future PRR submittals should continue at the current frequency.

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

Site Details **Box 1**

Site No. V00145

Site Name Sid Harvey Industries Facility

Site Address: 100 East Mineola Ave Zip Code: 11580
City/Town: Valley Stream
County: Nassau
Site Acreage: 0.811

Reporting Period: November 21, 2022 to November 21, 2023

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00145 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	~~Hassan Dharsi~~	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan O&M Plan
		Landuse Restriction IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
	Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Monitoring Wells Vapor Mitigation Cover System Air Sparging/Soil Vapor Extraction Monitoring Wells

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	

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

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

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

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

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

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

YES	NO
X	

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

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

_____ December 11, 2023

Signature of Owner, Remedial Party or Designated Representative

IC CERTIFICATIONS
SITE NO. V00145

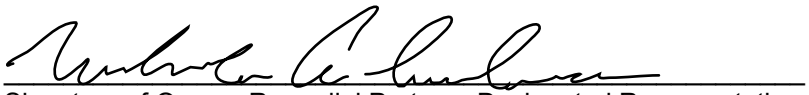
Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I,Nicholas A. Andrianas, P.E.at 1 Sound Breeze Drive, Miller Place New York 11764

am certifying as representative of remedial party for the Site named in the Site Details Section of this form.



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

December 11, 2023
Date

EC CERTIFICATIONS

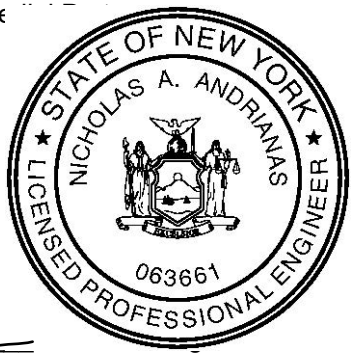
Box 7

Professional Engineer Signature

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

I Nicholas A. Andrianas at 1 Sound Breeze Drive Miller Place, New York 11764

am certifying as a Professional Engineer for the Reme



Professional Engineer, for the Owner or Remedial Party, Rendering Certification

12/11/23
Date

**** Electronically Filed Document ****

Instrument Number: 2022-1847
Recorded As: EX-D12 - COMMERCIAL
Recorded On: January 06, 2022
Recorded At: 10:31:01 am **Receipt Number:** 2472698
Number of Pages: 4 **Processed By:** 001 AH
Book-VI/Pg: Bk-D VI-14185 Pg-867
Total Rec Fee(s): $7,615.00

** Examined and Charged as Follows **

12 - COMMERCIAL DEED	$ 60.00	EX-Blocks - Deeds - $300	$ 300.00	EX-RP5217 Commercial Fee	$ 250.00
EX-TP-584 Affidavit Fee	$ 5.00				

	Tax Amount	Consid Amt	RS#/CS#		
Tax-Transfer HEMPSTEAD	$ 7000.00	$ 1750000.00	RE 13140	Basic	$ 0.00
				Local NY CITY	$ 0.00
				Additional MTA	$ 0.00
				Spec ASST	$ 0.00
				Spec ADDL SONYMA	$ 0.00
				Transfer	$ 7000.00

Tax Charge: $ 7000.00

Property Information:

Section	Block	Lot	Unit	Town Name	Section	Block	Lot	Unit	Town Name
37	75	20		HEMPSTEAD	37	75	50		HEMPSTEAD
37	75	21		HEMPSTEAD	37	75	51		HEMPSTEAD
37	75	22		HEMPSTEAD					
37	75	23		HEMPSTEAD					
37	75	24		HEMPSTEAD					
37	75	25		HEMPSTEAD					
37	75	26		HEMPSTEAD					
37	75	27		HEMPSTEAD					
37	75	28		HEMPSTEAD					
37	75	29		HEMPSTEAD					
37	75	30		HEMPSTEAD					
37	75	49		HEMPSTEAD					

**********THIS PAGE IS PART OF THE INSTRUMENT **********

Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

NASSAU COUNTY STATE OF NEW YORK

Maureen O'Connell

County Clerk Maureen O'Connell

LL 20264-N

Standard N.Y.B.T.U. Form 8002* - Bargain and Sale Deed, with Covenant against Grantor's Acts-Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT-THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made as of December 2, 2021

BETWEEN

100 EAST PROPERTIES LLC, a New York limited liability company having an address at 201 Specialty Point, Sanford, Florida 32771

party of the first part, and

SITE 100 LLC, a New York limited liability company having an address at 49 N. Central Avenue, Suite 201, Valley Stream, New York 11580

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten and 00/100 ($10.00) Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever, all of its right, title and interest in and to the following described commercial premises:

SEE THE LEGAL DESCRIPTION IN SCHEDULE A ATTACHED HERETO AND MADE A PART HEREOF

BEING AND INTENDED to be the same premises described in that certain deed made by L&L Posedian Realty LLC, dated 10/27/2015, and recorded 11/6/2015, in the Office of the Nassau County Clerk in Liber 13282, Page 20.

SAID PREMISES also known as and by the street address: 100 East Mineola Avenue, Valley Stream, New York 11580 and the Nassau County Tax Map Designation: Section: 37, Block: 75, Lot: 20-24, 25-30, and 49-51.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed as of the day and year first above written.

IN PRESENCE OF:

100 EAST PROPERTIES LLC

SITE 100 LLC, a New York limited liability company having an address at 49 N. Central Avenue, Suite 201, Valley Stream, New York 11580

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten and 00/100 ($10.00) Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever, all of its right, title and interest in and to the following described commercial premises:

SEE THE LEGAL DESCRIPTION IN SCHEDULE A ATTACHED HERETO AND MADE A PART HEREOF

BEING AND INTENDED to be the same premises described in that certain deed made by L&L Posedian Realty LLC, dated 10/27/2015, and recorded 11/6/2015, in the Office of the Nassau County Clerk in Liber 13282, Page 20.

SAID PREMISES also known as and by the street address: 100 East Mineola Avenue, Valley Stream, New York 11580 and the Nassau County Tax Map Designation: Section: 37, Block: 75, Lot: 20-24, 25-30, and 49-51.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed as of the day and year first above written.

IN PRESENCE OF:

100 EAST PROPERTIES LLC

By: _____
Name: HASSAN DHARSI
Title: MEMBER

: 37
: 75
t : 20-24
25-30
49-51

*STATE OF NEW YORK)
COUNTY OF NASSAU)SS.:

On the 30th day of ~~December~~ November in the year 2021 before me, the undersigned, a Notary Public in and for said State, personally appeared HASSAN DHARSI personally known to me or proved to me on the basis of satisfactory evidence to be the individuals whose name is subscribed to the within instrument and acknowledged to me that they executed the same in their capacity, and that by their signatures on the instrument, the individuals, or the person upon behalf of which the individuals acted, executed the instrument.

Vincent A. Albanese

Signature and Office of Individual taking acknowledgment

VINCENT A. ALBANESE
Notary Public, State Of New York
No. 02AL6008960
Qualified In Nassau County
Commission Expires March 8, 2023

*STATE OF NEW YORK)
COUNTY OF)SS.:

On the day of in the year 2021 before me, the undersigned, a Notary Public in and for said State, personally appeared personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of Individual taking acknowledgment

* **For acknowledgments taken in New York State**
** **State, District of Columbia, Territory, Possession, or Foreign Country**

STATE OF)
COUNTY OF _____) ss.:

On the _____ day of in the year 2021 before me, the undersigned, personally appeared , personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the _____. (Insert the city or other political subdivision and the state or country or other place the acknowledgment was taken).

Signature and Office of Individual taking acknowledgment

** **For acknowledgments taken outside of New York State.**

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR' S ACTS
TITLE NO.

SECTION: 37
BLOCK: 75
LOT: 20-24, 25-30, & 49-51

RECORD AND RETURN TO:

100 EAST PROPERTIES LLC

TO

SITE 100 LLC

Nicholas Kordas, Esq.
5-44 47th Avenue
Long Island City, New York 11101

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

SCHEDULE A DESCRIPTION - AMENDED

ALL that certain plot, piece or parcel of land, situate, lying and being in the Incorporated Village of Valley Stream, in the Town of Hempstead, County of Nassau and State of New York, known as and by the Lots Numbers 20 to 30 (both inclusive) and 49 to 51 (both inclusive), on a certain map entitled, "Map of Property belonging to I. Lang and M. Stern, Valley Stream, L.I., New York, December, 1905, John S. Newman, C.E. and Surveyor, Woodmere, L.I.," and filed in the Nassau County Clerk's Office as Map Number 136, Case Number 1287, which said Lots, when taken together, are more particularly bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly line of Mineola Avenue (E. Mineola Ave.) with the westerly line of the property belonging to the Hempstead Branch of the Long Island Railroad;

RUNNING THENCE westerly along the southerly line of Mineola Avenue and on a course, North 60 degrees 34 minutes 00 seconds West, 297.58 feet;

RUNNING THENCE South 39 degrees 56 minutes 00 seconds West, 101.74 feet (101.70 feet calc.);

THENCE South 60 degrees 34 minutes 00 seconds East, 150.00 feet;

THENCE South 39 degrees 56 minutes 00 seconds West, 101.74 feet (101.70 feet calc.) to the northerly side of E, Valley Stream Blvd. (New York Avenue);

THENCE on a course, South 60 degrees 34 minutes 00 seconds East, 55.50 feet (55.51 feet calc.) to the westerly line of the Hempstead Branch of the Long Island Railroad;

THENCE northeasterly along the westerly line of the Hempstead Branch of the Long Island Railroad on a course North 62 degrees 17 minutes 00 seconds East, 238.16 feet (238.07 feet calc.) to the point or place of BEGINNING.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE ENVIRONMENTAL CONSERVATION LAW.

FOR INFORMATION ONLY, NOT INSURED: SAID PREMISES BEING KNOWN AS AND BY: 100 EAST MINEOLA AVENUE, VALLEY STREAM, NY

SECTION: 37
BLOCK: 75
LOT: 20-30 and 49-51
COUNTY: NASSAU

Cap Inspection Form

100 East Mineola Ave, Valley Stream New York

Person Performing the Inspection: NICHOLAS A. ANDRIANAS, P.E.

Weather Conditions: Sunny 86F **Date:** 7/17/2023

YES NO X

Are there any areas from which the asphalt or concrete cap has been removed?

Describe the Number, Size, and Location of areas:

YES NO X

Are there any areas of damaged or degraded asphalt or concrete,

or loose aggregate?

Number, Size, and Location of the areas:

YES NO X

Are there any significant discontinuities in the asphalt or concrete cap?

Number, Length, and Location of the discontinuities:

YES NO X

Are there any depressions or sink holes in the asphalt cap?

Number, Size, and Location of the depressions:

Asphalt Cap Inspection Form
100 East Mineola Ave
Valley Stream, New York

Date: 7/17/2023

YES NO X

Are there any areas of the asphalt that could not be inspected?

Number, Size, and Location of the areas, and reason(s) why the areas could not be inspected:

YES NO X

Are there any heavy vehicles or equipment parked on the asphalt cap? Number, Location, and Description of these vehicles: yes 2 light trucks in east driveway.

Sketch any observed areas of concern: None

Name: Nicholas A. Andrianas

Signature: 

Date: 7/17/2023

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Sid Harvey DATE 1/17/23

SAMPLE ID: MW-12
WELL ID: MW-12/MW-Dup
SAMPLERS: CZ

Time On-site: 10:30
Time Off-site:

Depth of well (from top of casing): 9.79 Time: 10:30
Initial static water level (from top of casing): 81.41 Time: 10:30

Purging Method

Airlift	___	Centrifugal	X
Bailer	___	Pos. Displ.	___
Submersible Pump	___	Disposable Bladder Pump (Low Flow)	___

Well Volume Calculation:
2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons

volume of water ~~removed~~:
_____ gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests Time

~~Volume of Purge Water (in ml)~~	pH	Temp (°C)	Spec. Cond. (ms/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	ORP (mv)	TDS (g/L)
11:00	6.03	14.22	0.355	1.2	0.08	-46	0.231
11:05	6.12	14.29	0.353	0.0	0.00	-62	0.229
11:10	6.22	14.32	0.351	0.0	0.00	-79	0.228
11:15	6.22	14.34	0.350	0.0	0.00	-83	0.228
11:20	6.22	14.34	0.352	0.0	0.00	-88	0.229
11:25	6.21	14.34	0.352	0.0	0.00	-89	0.230
		— sample collected —					

Sampling
Time of Sample Collection: 11:25

Method:
___ Stainless steel bailer
___ Teflon bailer
___ Pos. Disp. Pump
___ Disposable bailer
X Dedicated pump
___ Other: Disposable Bladder Pump (Low Flow)

Analyses:
___ TCL VOCs 602 _____ 503 _____ Other _____
___ TCL SVOCs
___ Target Analyte List Metals
___ Alkalinity

Observations
Weather/Temperature: 46°F partly cloudy
Sample description: _____
Free Product? yes ___ no X describe _____
Sheen? yes ___ no X describe _____
Odor? yes ___ no X describe _____

Comments:
collected as duplicate MW-Dup (11:30)

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Sid Harvey DATE 1/17/23

SAMPLE ID: MW-6I
WELL ID: MW-6I
SAMPLERS: CZ

Time On-site: 11:50

Time Off-site:

Depth of well (from top of casing) 9.98 Time: 11:50
Initial static water level (from top of casing) Time: 11:50

Purging Method

Airlift	___	Centrifugal	X
Bailer	___	Pos. Displ.	___
Submersible Pump	___	Disposable Bladder Pump (Low Flow)	___

Well Volume Calculation:
2 in. casing: ___ ft. of water x 0.16 = ___ gallons
3 in. casing: ___ ft. of water x 0.36 = ___ gallons
4 in. casing: ___ ft. of water x 0.65 = ___ gallons

volume of water removed: ___ gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests Time

~~Volume of Purge Water (in ml)~~	pH	Temp (°C)	Spec. Cond. (ms/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	ORP (mv)	TDS (g/L)
12:00	7.08	15.10	0.117	40.4	0.00	-102	0.076
12:15	7.08	15.25	0.117	24.0	0.00	-133	0.076
12:20	6.97	15.30	0.148	18.0	0.00	-138	0.087
12:25	6.03	15.23	0.361	45.6	0.00	-73	0.234
12:30	5.99	15.16	0.364	66.5	0.00	-74	0.236
12:35	6.26	15.03	0.234	89.9	0.00	-94	0.141
12:40	6.20	15.05	0.329	21.2	0.00	-93	0.209
12:45	6.19	15.08	0.331	20.1	0.00	-91	0.211
12:50							
		—	sample	collected —			

Sampling
Time of Sample Collection: 12:50

Method:
___ Stainless steel bailer
___ Teflon bailer
___ Pos. Disp. Pump
___ Disposable bailer
X Dedicated pump
___ Other: Disposable Bladder Pump (Low Flow)

Analyses:
___ TCL VOCs 602 ___ 503 ___ Other ___
___ TCL SVOCs
___ Target Analyte List Metals
___ Alkalinity

Observations
Weather/Temperature: 49°F overcast
Sample description:
Free Product? yes ___ no X describe
Sheen? yes ___ no X describe
Odor? yes ___ no X describe

Comments:

FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD

SITE Sid Harvey DATE 1/17/23

SAMPLE ID: MW-3I
WELL ID: MW-3I
SAMPLERS:

Time On-site: 13:10
Time Off-site:

Depth of well (from top of casing) ..... 10.61 Time: 13:13
Initial static water level (from top of casing) ..... Time:

Purging Method

Airlift	___	Centrifugal	X
Bailer	___	Pos. Displ.	___
Submersible Pump	___	Disposable Bladder Pump (Low Flow)	___

Well Volume Calculation:
2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons

volume of water removed: _____ gal. >3 volumes: yes ___ no X purged dry? yes ___ no X

Field Tests Time

Volume of Purge Water (in ml)	pH	Temp (°C)	Spec. Cond. (ms/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	ORP (mv)	TDS (g/L)
13:25	6.87	13.03	0.069	11.3	5.07	71	0.045
13:30	6.42	13.44	0.072	8.4	3.35	58	0.047
13:35	6.09	13.50	0.075	2.7	2.80	99	0.049
13:40	6.07	13.45	0.076	3.0	2.71	125	0.050
13:45	6.02	13.49	0.077	1.1	1.65	150	0.050
13:50	6.01	13.58	0.082	0.0	1.67	150	0.055
13:55	5.99	13.58	0.083	0.0	1.45	151	0.055
14:00	5.99	13.56	0.081	0.0	1.41	152	0.055
		— sample collected		—			

Sampling
Time of Sample Collection: 14:00

Method:
_____ Stainless steel bailer
_____ Teflon bailer
_____ Pos. Disp. Pump
_____ Disposable bailer
_____ Dedicated pump
_____ Other: Disposable Bladder Pump (Low Flow)

Analyses:
_____ TCL VOCs 602 _____ 503 _____ Other _____
_____ TCL SVOCs
_____ Target Analyte List Metals
_____ Alkalinity

Observations
Weather/Temperature: 47°F overcast
Sample description:
Free Product? yes ___ no X describe
Sheen? yes ___ no ___ describe
Odor? yes ___ no ___ describe

Comments:

NAA ENGINEERING
100 EAST MINEOLA AVE
WELL GAGING

Table 3: Groudwater Levels January 17, 2023

Well Identification	Depth to Water (Feet Below Grade)	Depth to Bottom (Feet Below Grade)	Notes
MW-1	UTA	-	cant locate
MW-2 ✓	7.95 8.97	20.20 20.21	
MW-3S ✓	9.00 10.50	20.21 20.20	
MW-3I ✓	9.08 10.61	82.30 82.27	
MW-4 ✓	8.64 9.89	19.30 19.31	
MW-5 ✓	8.81 9.99	18.80 18.76	
MW-6I ✓	8.62 9.98	89.12 89.10	
MW-6D ✓	UTA UTA	>100 >100?	impacted @ ~9ft (sand)
MW-7S ✓	8.57 10.09	61.40 61.41	
MW-7I ✓	8.53 10.01	89.86 89.79	
MW-7D ✓	10.13 11.57	>100 >100	
MW-8S ✓	7.75 8.57	27.25 29.98	impacted well (baker?)
MW-8I ✓	7.76 9.21	89.40 89.40	
MW-8D ✓	8.35 9.87	>100 >100	
MW-9S ✓	9.9 11.09	30.15 30.12	
MW-9I ✓	9.82 11.10	84.20 84.21	
MW-9D ✓	10.32 11.97	>100 >100	
MW-10 ✓	7.77 8.99	78.15 78.11	
MW-11S ✓	5.21 6.51	34.95 34.94	
MW-11D ✓	UTA UTA	- —	obstructed/cant locate
MW-12 ✓	8.31 9.79	81.45 81.41	Sampled + Duplicate
PMW-1 ✓	UTA UTA	- —	obstructed/cant locate
PMW-2 ✓	8.07 9.48	14.96 14.95	
PMW-3 ✓	8.01 9.52	35.50 35.43	
PMW-4 ✓	7.91 9.41	50.50 50.47	

Figure 1

December 2019
Groundwater Flow Contour

2019 Annual Report
100 East Mineola Ave
Valley Stream, NY

Legend:

- Major Groundwater Contour Line
- Minor Groundwater Contour Line
- Monitoring Well
- Flow Direction

Sid Harvey Iustries, Inc.
Valley Stream, New York

Table 2
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-6I										NYSDEC
Sample Identification	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/9/2016	8/19/2014	Stsards (ppb)
PARAMETER - ug/l											
Dichlorodifluoromethane											5.0 [1]
1,1,1,2-Tetrachloroethane											5.0 [1]
1,1,1-Trichloroethane	0.00	0.00	13.00	0.00	0.00	0.00	1.20	1.90	11.00	41.5	5.0 [1]
1,1,2,2-Tetrachloroethane											5.0 [1]
1,1,2-Trichloroethane											1.0
1,1-Dichloroethane	0.00	0.00		0.00	0.00	3.50	5.60	8.80	5.80	18.2	5.0 [1]
1,1-Dichloroethene						1.20	1.80	2.90	2.10	6.9	5.0 [1]
1,1-Dichloropropene											*
1,2-Dibromoethane											*
1,2-Dichloroethane											0.6
1,2-Dichloropropane											1.0
1,3-Dichloropropane											5.0 [1]
2,2-Dichloropropane											5.0 [1]
2-Butanone (MEK)					5.00	200.00	95.60	78.60			50.0 [1]
Acetone								48.30			50.0 [1]
Benzene											1.0
Bromochloromethane											5.0 [2]
Bromodichloromethane											*
Bromoform											*
Bromomethane											5.0 [1]
Carbon Tetrachloride											5.0
Chlorobenzene											5.0 [1]
Chloroethane											5.0 [1]
Chloroform											7.0
Chloromethane											* [1]
cis-1,2-Dichloroethene	0.00	0.00	1.30	0.00	0.00	0.00	1.40	2.10	0.00	0.00	5.0 [1]
cis-1,3-Dichloropropene											0.4 [1]
Dibromochloromethane											5.0 [1]
Dibromomethane											5.0 [1]
Ethyl Benzene						0.82					5.0 [1]
Isopropylbenzene											5.0 [1]
m/p-Xylenes						0.61					5.0 [1]
Methyl tert-Butyl Ether (MTBE)	0.3										10.0 [1]
Methylene Chloride											5.0 [1]
o-Xylene											5.0 [1]
Styrene											5.0 [1]
Tetrachloroethene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	5.0 [1]
Toluene					440.00					1.1	5.0 [1]
trans-1,2-Dichloroethene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0 [1]
trans-1,3-Dichloropropene											0.4 [1]
Trichloroethene	0.00	0.00	5.00	0.00	0.00	1.20	1.20	5.30	6.40	11.0	5.0 [1]
Trichlorofluoromethane											5.0 [1]
Vinyl Chloride											2.0

Notes:
- Not Detected

Sid Harvey Iustries, Inc.
Valley Stream, New York

Table 2 (continued)
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-12										NYSDEC
Sample Identification	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/10/2016	8/18/2014	Stsards (ppb)
PARAMETER - ug/l											
Dichlorodifluoromethane											5.0 [1]
1,1,1,2-Tetrachloroethane											5.0 [1]
1,1,1-Trichloroethane	526.00	1,040.00	840.00	64.00	0.00	170.00	18.50	6.20	450.00	420	5.0 [1]
1,1,2,2-Tetrachloroethane											5.0 [1]
1,1,2-Trichloroethane											1.0
1,1-Dichloroethane	147	66.1	51.00	16.00	11.7	11.7	11.7	11.7	11.7	11.7	5.0 [1]
1,1-Dichloroethene	37.80	2.00	27.00	4.40	9.1	9.1	9.1	9.1	9.1	9.1	5.0 [1]
1,1-Dichloropropene											*
1,2-Dibromoethane											*
1,2-Dichloroethane											0.6
1,2-Dichloropropane											1.0
1,3-Dichloropropane											5.0 [1]
2,2-Dichloropropane											5.0 [1]
2-Butanone (MEK)							59.60	74.10			50.0 [1]
Acetone								80.40			50.0 [1]
Benzene											1.0
Bromochloromethane											5.0 [2]
Bromodichloromethane											*
Bromoform											*
Bromomethane											5.0 [1]
Carbon Tetrachloride											5.0
Chlorobenzene											5.0 [1]
Chloroethane											5.0 [1]
Chloroform											7.0
Chloromethane											* [1]
cis-1,2-Dichloroethene	210.00	224.00	120.00	81.00	220.00	31.10	3.30	1.80	1.80	1.5	5.0 [1]
cis-1,3-Dichloropropene											0.4 [1]
Dibromochloromethane											5.0 [1]
Dibromomethane											5.0 [1]
Ethyl Benzene	2.45	8.70			5.30	0.38			0.60	0.28	5.0 [1]
Isopropylbenzene											5.0 [1]
m/p-Xylenes	5.4				12.00				1.00	1.1	5.0 [1]
Methyl tert-Butyl Ether (MTBE)											10.0 [1]
Methylene Chloride	9										5.0 [1]
o-Xylene					4.00				0.37	0.58	5.0 [1]
Styrene											5.0 [1]
Tetrachloroethene	2.90	5.70	0.00	2.40	42.00	0.48	0.48	0.60	140.00	150	5.0 [1]
Toluene	4.65	6.10							1.20		5.0 [1]
trans-1,2-Dichloroethene	3.55	3.9	0.00	0.00	6.80	0.70	0.00	0.00		0.00	5.0 [1]
trans-1,3-Dichloropropene	0										0.4 [1]
Trichloroethene	38.00	89.60	110.00	12.00	42.00	0.00	2.60	2.60	8.80	5.9	5.0 [1]
Trichlorofluoromethane				2.20							5.0 [1]
Vinyl Chloride					1.20						2.0

Notes:
- Not Detected

Sid Harvey Iustries, Inc.
Valley Stream, New York

Table 2 (continued)
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-3I										NYSDEC
Sample Identification	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/9/2016	8/19/2014	Stsards (ppb)
PARAMETER - ug/l											
Dichlorodifluoromethane											5.0 [1]
1,1,1,2-Tetrachloroethane											5.0 [1]
1,1,1-Trichloroethane	5.5	38.4	15.0	16.0	6.6	15	61.40	10.50	55.70	200	5.0 [1]
1,1,2,2-Tetrachloroethane											5.0 [1]
1,1,2-Trichloroethane											1.0
1,1-Dichloroethane	13.0	42.2	27.0	23.0	21.0	27.5	38.30	29.10	73.70	70	5.0 [1]
1,1-Dichloroethene	1.9	6.5	3.4	3.2	2.7	3.1	4.90	3.30	8.10	12.6	5.0 [1]
1,1-Dichloropropene											*
1,2-Dibromoethane											*
1,2-Dichloroethane											0.6
1,2-Dichloropropane											1.0
1,3-Dichloropropane											5.0 [1]
2,2-Dichloropropane											5.0 [1]
2-Butanone (MEK)											50.0 [1]
Acetone						2.2					50.0 [1]
Benzene						0.4					1.0
Bromochloromethane											5.0 [2]
Bromodichloromethane											*
Bromoform											*
Bromomethane											5.0 [1]
Carbon Tetrachloride											5.0
Chlorobenzene											5.0 [1]
Chloroethane											5.0 [1]
Chloroform											7.0
Chloromethane											* [1]
cis-1,2-Dichloroethene	0.4	0.0	1.0	1.9	0.6	0.0	0.91	6.30	1.40	3.5	5.0 [1]
cis-1,3-Dichloropropene											0.4 [1]
Dibromochloromethane											5.0 [1]
Dibromomethane											5.0 [1]
Ethyl Benzene							0.25		0.31	2.3	5.0 [1]
Isopropylbenzene											5.0 [1]
m/p-Xylenes							0.51		0.52	5.8	5.0 [1]
Methyl tert-Butyl Ether (MTBE)											10.0 [1]
Methylene Chloride											5.0 [1]
o-Xylene										1.8	5.0 [1]
Styrene											5.0 [1]
Tetrachloroethene	0.4	1.5	1.5	1.5	1.6	1.40	1.10	1.20	3.10	2.7	5.0 [1]
Toluene							1.00			8.1	5.0 [1]
trans-1,2-Dichloroethene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0 [1]
trans-1,3-Dichloropropene											0.4 [1]
Trichloroethene	9.9	39.3	19.0	23.0	15.0	23.1	22.60	11.60	52.20	210.0	5.0 [1]
Trichlorofluoromethane											5.0 [1]
Vinyl Chloride											2.0

Notes:
- Not Detected

Sid Harvey Iustries, Inc.
Valley Stream, New York

Table 2 (continued)
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-6I										NYSDEC
Well Depth	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	MW-6I	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/9/2016	8/19/2014	Stsards (ppb)
PARAMETER - ug/l											
1,2,3-Trichloropropane											0.04
1,1,2-Trichlorotrifluoroethane											*
Chlorodifluoromethane											*
Methyl Isobutyl Ketone (MIBK)											*
Methylcyclohexane											*
p-Diethylbenzene											*
p-Ethyltoluene											*
1,2-Dibromo-3-Chloropropane											0.04
Hexachlorobutadiene											0.5
Naphthalene											10.0 [1]
1,3-Dichlorobenzene											3.0
1,4-Dichlorobenzene											3.0
1,2-Dichlorobenzene											3.0
Bromobenzene											5.0 [1]
n-Propylbenzene											5.0 [1]
2-Chlorotoluene											5.0 [1]
1,3,5-Trimethylbenzene											5.0 [1]
4-Chlorotoluene											5.0 [1]
tert-Butylbenzene											5.0 [1]
1,2,4-Trimethylbenzene											5.0 [1]
sec-Butylbenzene											5.0 [1]
n-Butylbenzene											5.0 [1]
1,2,4-Trichlorobenzene											5.0 [1]
1,2,3-Trichlorobenzene											5.0 [1]
Freon 113											5.0 [1]
1,2,4,5-Trimethylbenzene											5.0 [1]
Carbon Disulfide											-
4-Isopropyltoluene											5.0 [1]
Total VOCs	**0.00**	**0.00**	**19.30**	**0.00**	**445.00**	**207.33**	**106.80**	**149.00**	**25.30**	**78.70**	
PARAMETER - ug/l											
Iron	4,670		-		-	16,200	15,800	77,300	9,100	-	-
Manganese	482	527	-		-	795	809	2,440	456	-	-
PARAMETER - mg/l											
Nitrate	140.0	72.8	-		-	0.065		0.094		-	-
Sulfate	34,400.0	24,200.0	-		-	88.30	334 (D)	167 (D)	50.80	-	-
TOC	2,490.0	2,090.0	-		-	910.00	1440 (D)	2,290 (D)	0.969	-	-

Notes:
- Not Detected

Sid Harvey Iustries, Inc.
Valley Stream, New York

Table 2 (continued)
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-12										NYSDEC
Well Depth	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/10/2016	8/18/2014	Stsards (ppb)
PARAMETER - ug/l											
1,2,3-Trichloropropane											0.04
1,1,2-Trichlorotrifluoroethane									3.90	4.0	*
Chlorodifluoromethane											*
Methyl Isobutyl Ketone (MIBK)											*
Methylcyclohexane									0.95	1.5	*
p-Diethylbenzene											*
p-Ethyltoluene											*
1,2-Dibromo-3-Chloropropane											0.04
Hexachlorobutadiene											0.5
Naphthalene											10.0 [1]
1,3-Dichlorobenzene											3.0
1,4-Dichlorobenzene											3.0
1,2-Dichlorobenzene				1.80	5.90				1.90	2.8	3.0
Bromobenzene											5.0 [1]
n-Pronylbenzene											5.0 [1]
2-Chlorotoluene											5.0 [1]
1,3,5-Trimethylbenzene											5.0 [1]
4-Chlorotoluene											5.0 [1]
tert-Butylbenzene											5.0 [1]
1,2,4-Trimethylbenzene											5.0 [1]
sec-Butylbenzene											5.0 [1]
n-Butylbenzene											5.0 [1]
1,2,4-Trichlorobenzene											5.0 [1]
1,2,3-Trichlorobenzene											5.0 [1]
Freon 113											5.0 [1]
1,2,4,5-Trimethylbenzene											5.0 [1]
Carbon Disulfide							1.50	0.99			-
4-Isopropyltoluene											5.0 [1]
Total VOCs	**996.70**	**1,446.10**	**1,148.00**	**183.80**	**486.20**	**225.76**	**106.78**	**187.49**	**631.32**	**608.46**	
PARAMETER - ug/l											
Iron	8,300		-		-	25,100	28,500	56,200	1,110	-	-
Manganese	621	805	-		-	246	314	518	401	-	-
PARAMETER - mg/l											
Nitrate	78.00	184.00	-		-	36.00	0.35	0.83	3.60	-	-
Sulfate	23,900.00	32,300.00	-		-	136.00	317 (D)	104 (D)	42.70	-	-
TOC	2,620.000	1,300.000	-		-	778.00	1060 (D)	906	0.939	-	-

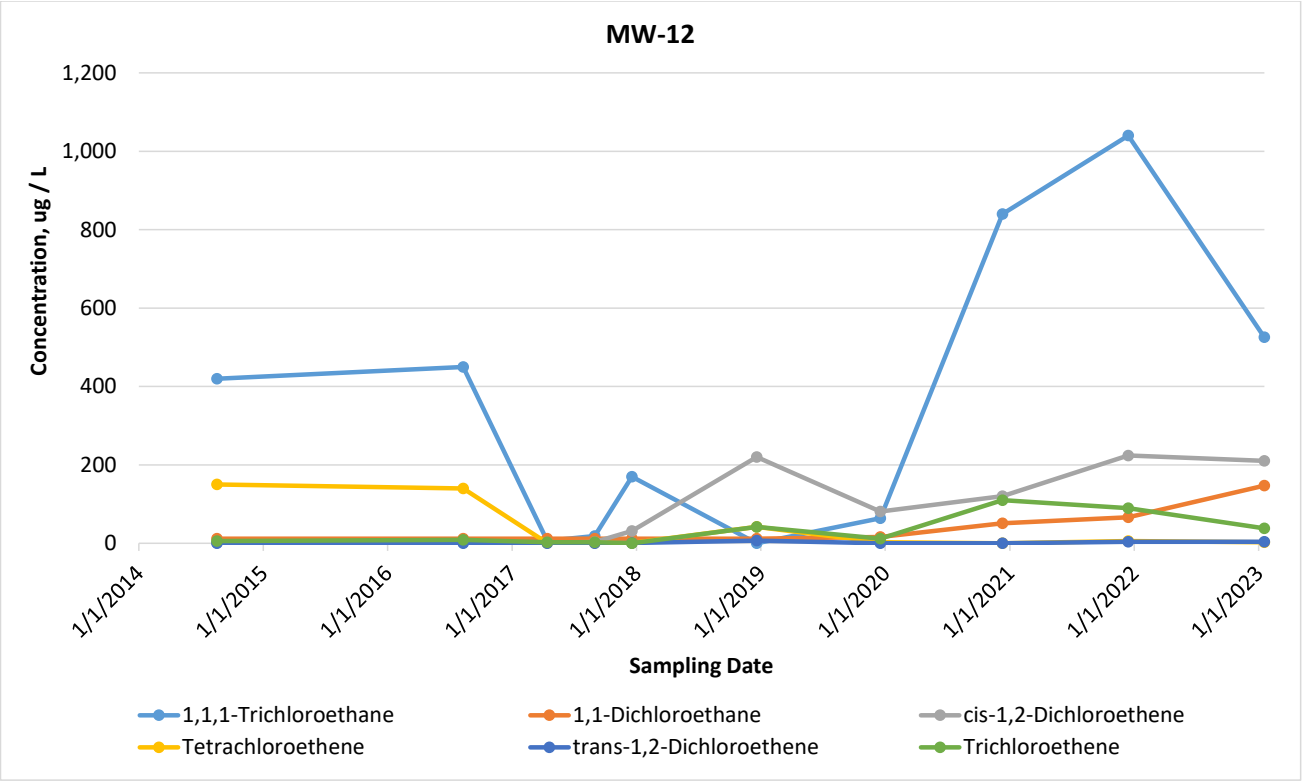
Notes:
- Not Detected

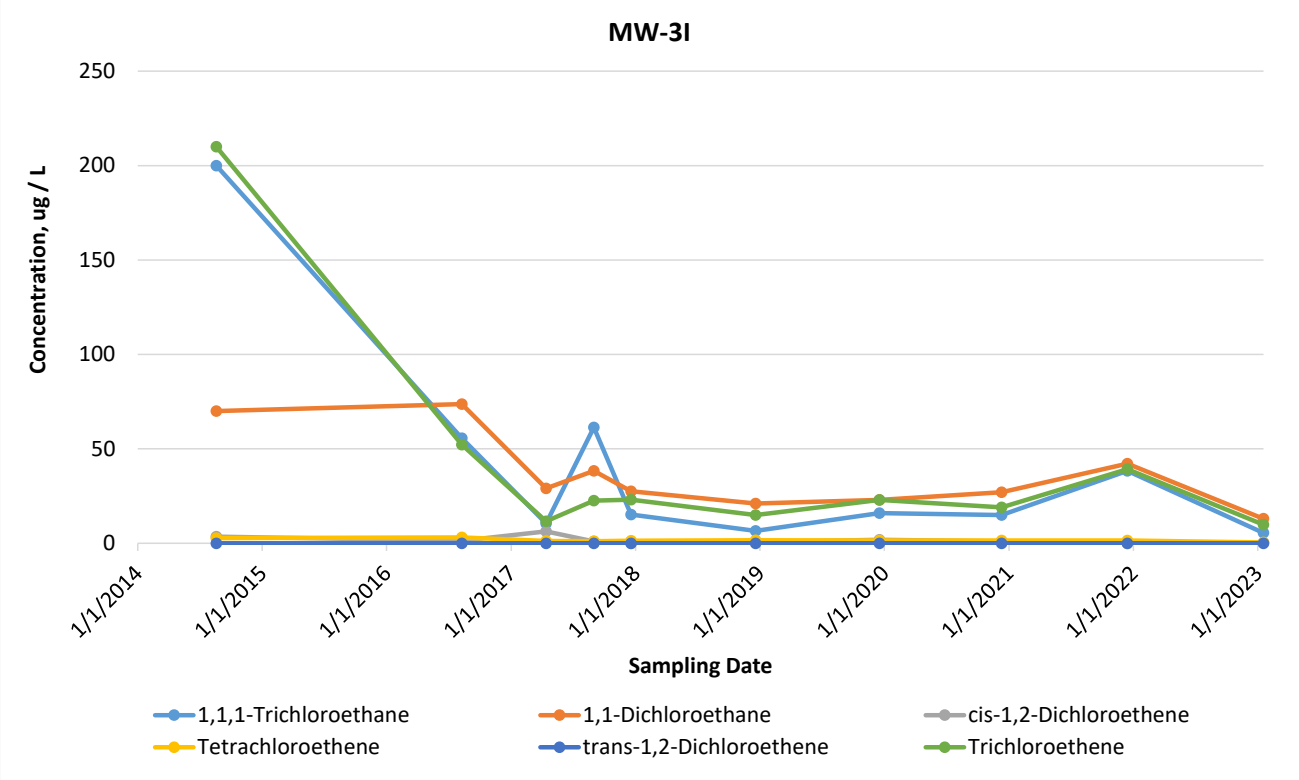
Sid Harvey Iustries, Inc.
Valley Stream, New York

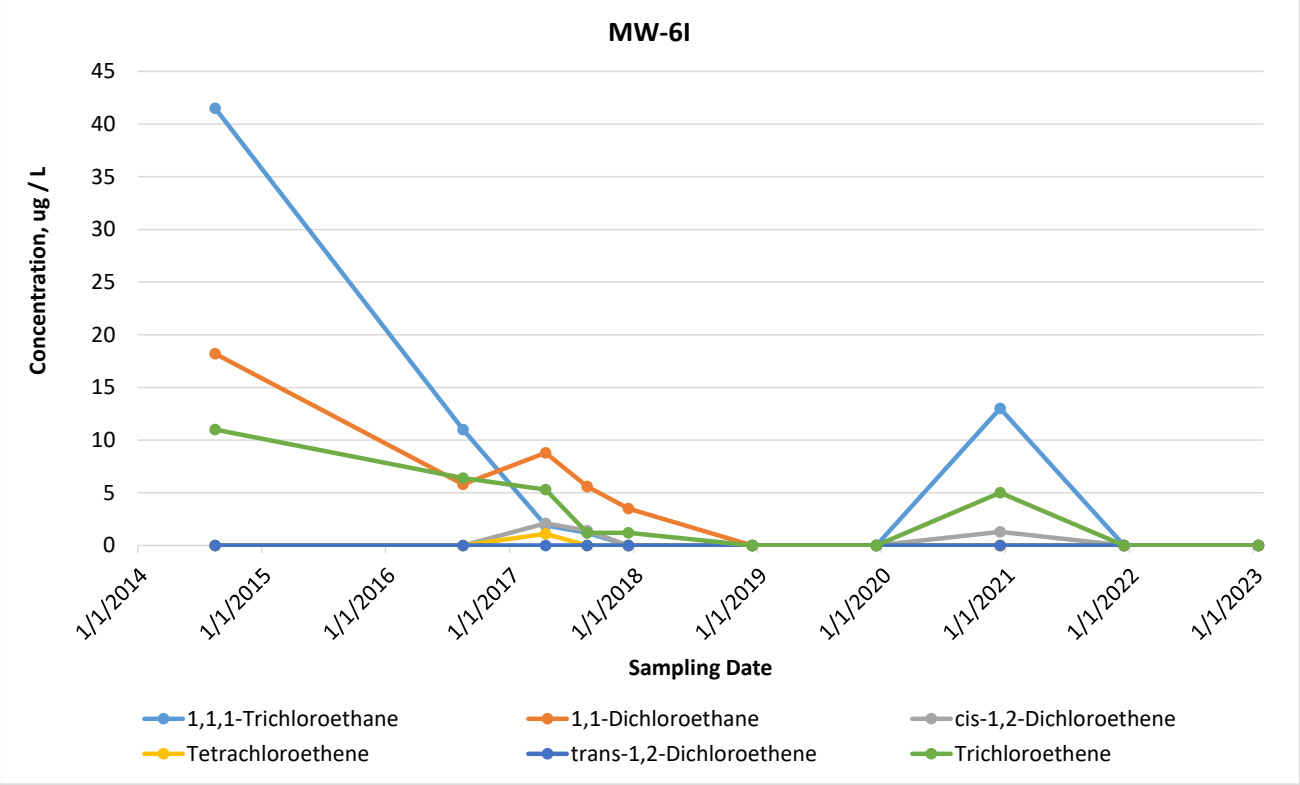
Table 2 (continued)
Annual Groundwater Sampling Results: Compared to previous Groundwater Sampling Results

Well Identification	MW-3I										NYSDEC
Well Depth	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	MW-3I	Groundwater
Sampling Date	1/17/2023	12/14/2021	12/10/2020	12/17/2019	12/19/2018	12/18/2017	8/31/2017	4/13/2017	8/9/2016	8/19/2014	Stsards (ppb)
PARAMETER - ug/l											
1,2,3-Trichloropropane											0.04
1,1,2-Trichlorotrifluoroethane							0.46		0.66	3.7	*
Chlorodifluoromethane											*
Methyl Isobutyl Ketone (MIBK)											*
Methylcyclohexane						0.25	0.52		0.74	1.7	*
p-Diethylbenzene											*
p-Ethyltoluene											*
1,2-Dibromo-3-Chloropropane											0.04
Hexachlorobutadiene											0.5
Naphthalene											10.0 [1]
1,3-Dichlorobenzene											3.0
1,4-Dichlorobenzene											3.0
1,2-Dichlorobenzene							0.41	0.8			3.0
Bromobenzene											5.0 [1]
n-Pronylbenzene											5.0 [1]
2-Chlorotoluene											5.0 [1]
1,3,5-Trimethylbenzene											5.0 [1]
4-Chlorotoluene											5.0 [1]
tert-Butylbenzene											5.0 [1]
1,2,4-Trimethylbenzene											5.0 [1]
sec-Butylbenzene											5.0 [1]
n-Butylbenzene											5.0 [1]
1,2,4-Trichlorobenzene											5.0 [1]
1,2,3-Trichlorobenzene											5.0 [1]
Freon 113											5.0 [1]
1,2,4,5-Trimethylbenzene											5.0 [1]
Carbon Disulfide											-
4-Isopropyltoluene											5.0 [1]
Total VOCs	**31.12**	**127.87**	**66.90**	**68.60**	**47.50**	**72.95**	**131.95**	**62.00**	**196.84**	**523.04**	
PARAMETER - ug/l											
Iron	395.00		-		-	2,430.00	1,910	10,200	1,990	-	-
Manganese	470.00		-		-	719.00	705	834	822	-	-
PARAMETER - mg/l											
Nitrate	1,020.00		-		-	2.70	2.30	1.30	0.70	-	-
Sulfate	32,900.00		-		-	79.50	56.7 (D)	54.6 (D)	56.70	-	-
TOC	1,000.000		-		-	1.20	1.00		1.20	-	-

Notes:
- Not Detected


MW-12
1,200
1,000
800
600
400
200
0
Concentration, ug / L
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
Sampling Date
1,1,1-Trichloroethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene


MW-3I
250
200
150
100
50
0
Concentration, ug / L
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
Sampling Date
1,1,1-Trichloroethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene


MW-6I
Concentration, ug / L
45
40
35
30
25
20
15
10
5
0
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
Sampling Date
1,1,1-Trichloroethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene

Air Sampling Monitoring Form

Sample ID	Date	Sample Time	Sampler Names	Sampling Method/Devices	Soil Vapor Purge Volume (one to three volumes)	Volume Extracted (Canister Size)	Canister Initial vacuum	Canister final vacuum	Apparent moisture content (dy, moist, saturated, etc.)	CoC Protocols
9:26 SSVI-7	3/10	16:55	CZ	summa	8L	6L	-29	-3	dry	TO-15
9:26 SSVI-X	↓		CZ	↓	8L	6L	~~<~~-30	-5	↓	↓
9:28 IA-1			CZ		N/A	6L	-30	-5		
9:45 SSVI-12			CZ		8L	6L	<-30	-6		
9:46 IA-2			CZ		~~8~~N/A	6L	<-30	-5		
12:00 AA-1			CZ		N/A	6L	<-30	-12		

SSV1-12 (0.1 L/min)

Soil Vapor Sample Log Sheet	
Project Location and Job Number	140 E. Mineola Ave
Sample ID	IA-1
Date	3/10/22
Sample Type	(IA) SSV SG OA
Sample Depth/Height (ft)	~4 ft above grade
Sampler ID	CZ
Pure Start Time	/
Purge Finish time	
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	16013
Regulator Time	8hr
Regulator ID	2840
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.0
Helium Trace	Y (N)
Helium Detector Make and Model ID	/
Helium detected (if yes at what concentration)	
Analysis Requested	TO-15

Soil Vapor Sample Log Sheet	
Project Location and Job Number	140 E. Mineola Ave
Sample ID	SSV1-7
Date	3/10/22
Sample Type	IA (SSV) SG OA
Sample Depth/Height (ft)	~2" below slab
Sampler ID	CZ
Pure Start Time	
Purge Finish time	8 L purged
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	13641
Regulator Time	8 hr
Regulator ID	3187
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.0
Helium Trace	(Y) N
Helium Detector Make and Model ID	
Helium detected (if yes at what concentration)	NO
Analysis Requested	TO-15

Soil Vapor Sample Log Sheet	
Project Location and Job Number	140 E Nineola Ave
Sample ID	SSV1 - X
Date	3/10/22
Sample Type	IA (SSV) SG OA
Sample Depth/Height (ft)	~ 2" below slab
Sampler ID	CZ
Pure Start Time	
Purge Finish time	8L purged
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	17159
Regulator Time	8hr
Regulator ID	7010
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.0
Helium Trace	(Y) N
Helium Detector Make and Model ID	
Helium detected (if yes at what concentration)	NO
Analysis Requested	TO-15

* Dup of SSV1-7

Soil Vapor Sample Log Sheet	
Project Location and Job Number	140 E Mineola Ave
Sample ID	SSV1-12
Date	3/10/22
Sample Type	IA (SSV) SG OA
Sample Depth/Height (ft)	~2" bl slab
Sampler ID	CZ
Pure Start Time	
Purge Finish time	8 L purged
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	19930
Regulator Time	8hr
Regulator ID	7013
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.1
Helium Trace	(Y) N
Helium Detector Make and Model ID	
Helium detected (if yes at what concentration)	No
Analysis Requested	TO-15

Soil Vapor Sample Log Sheet	
Project Location and Job Number	140 E Mineola Ave
Sample ID	IA-2
Date	3/10/22
Sample Type	(IA) SSV SG OA
Sample Depth/Height (ft)	~ 4' above grade
Sampler ID	CZ
Pure Start Time	
Purge Finish time	N/A
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	23328
Regulator Time	8hr
Regulator ID	3188
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.0
Helium Trace	Y (N)
Helium Detector Make and Model ID	
Helium detected (if yes at what concentration)	
Analysis Requested	TO-15

Soil Vapor Sample Log Sheet	
Project Location and Job Number	1406 Minnesota Ave
Sample ID	AA-1
Date	3/10/22
Sample Type	IA SSV SG (OA)
Sample Depth/Height (ft)	~ 4' above grade
Sampler ID	CL
Pure Start Time	
Purge Finish time	N/A
Total Volume Purged	
Summa Canister Size	6L
Summa Canister ID	219
Regulator Time	8hr
Regulator ID	3507
Laboratory	Phoenix
Notes (i.e.. In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor colletion	0.0
Helium Trace	Y (N)
Helium Detector Make and Model ID	
Helium detected (if yes at what concentration)	
Analysis Requested	TO-15

Summary of Soil Vapor Intrusion Sample Results
141 East Mineola Avenue, Valley Stream

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : 140 E. MINEOLA AVE, VALLEY STREAM NY

	Lab Sample Id		CN63622		CN63624		CN63621		CN63623		CN63625		CN63626	
	Collection Date		3/17/2023		3/17/2023		3/17/2023		3/17/2023		3/17/2023		3/17/2023	
	Client Id		AA-1		IA-1		IA-2		SVI-7		SVI-12		SVI-X	
	Matrix		Air		Air		Air		Air		Air		Air	
	CAS	Units	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15														
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	95.4	1.00	1.29	1.00	96	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	4.17	1.00	< 1.00	1.00	4.21	1.00
1,1-Dichloroethene	75-35-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	< 1.00	1.00	49.1	1.00	48.4	1.00	< 1.00	1.00	9.29	1.00	1.81	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	< 1.00	1.00	12.6	1.00	12.2	1.00	< 1.00	1.00	2.46	1.00	< 1.00	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	5.13	1.00	4.89	1.00	< 1.00	1.00	1.15	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	< 1.00	1.00	40.1	1.00	40.1	1.00	< 1.00	1.00	2.04	1.00	1.92	1.00
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00	1.00	2.32	1.00	2.35	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	12.8	1.00	50.1	1.00	< 1.00	1.00	45.6	1.00	53.2	1.00	46.3	1.00
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	< 1.00	1.00	9.23	1.00	9.55	1.00	1.24	1.00	2.25	1.00	1.59	1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.7	1.00	2.08	1.00	1.68	1.00
Carbon Tetrachloride	56-23-5	ug/m3	0.48	0.20	0.48	0.20	0.47	0.20	< 0.20	0.20	0.45	0.20	< 0.20	0.20
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloromethane	74-87-3	ug/m3	1.32	1.00	1.35	1.00	1.3	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	< 1.00	1.00	7.53	1.00	8.05	1.00	< 1.00	1.00	1.75	1.00	< 1.00	1.00
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	3.61	1.00	2.77	1.00	3.4	1.00	2.54	1.00	2.88	1.00	2.57	1.00
Ethanol	64-17-5	ug/m3	8.38	1.00	66.8	1.00	53.9	1.00	3.92	1.00	19.2	1.00	7.8	1.00
Ethyl acetate	141-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	< 1.00	1.00	19.2	1.00	19.4	1.00	< 1.00	1.00	3.61	1.00	1.28	1.00
Heptane	142-82-5	ug/m3	< 1.00	1.00	13.1	1.00	14	1.00	1.18	1.00	2.61	1.00	1.56	1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	< 1.00	1.00	25.4	1.00	27.5	1.00	1.66	1.00	4.68	1.00	2.65	1.00
Isopropylalcohol	67-63-0	ug/m3	3.05	1.00	3.76	1.00	14.5	1.00	2.2	1.00	1.99	1.00	2	1.00
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	2.83	1.00	2.91	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	< 1.00	1.00	60.8	1.00	62.1	1.00	1.26	1.00	12.1	1.00	4.1	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	< 1.00	1.00	1.34	1.00	2.2	1.00	5.31	1.00	4.39	1.00	5.22	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	< 1.00	1.00	5.65	1.00	< 1.00	1.00	< 1.00	1.00	1.16	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	< 1.00	1.00	24.4	1.00	25.1	1.00	< 1.00	1.00	4.77	1.00	1.61	1.00
Propylene	115-07-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene	135-98-8	ug/m3	< 1.00	1.00	1.99	1.00	1.94	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene	100-42-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	127-18-4	ug/m3	0.28	0.25	0.43	0.25	0.43	0.25	19.3	0.25	6.01	0.25	19	0.25
Tetrahydrofuran	109-99-9	ug/m3	< 1.00	1.00	2.14	1.00	2.32	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene	108-88-3	ug/m3	1.08	1.00	113	1.00	117	1.00	3.01	1.00	20	1.00	7.72	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	0.25	0.20	1.01	0.20	0.23	0.20
Trichlorofluoromethane	75-69-4	ug/m3	1.68	1.00	1.49	1.00	1.55	1.00	1.11	1.00	1.37	1.00	1.24	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride	75-01-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Result Detected

Table 1
100 E. Mineola Avenue
Valley Stream, New York
SVE System Samples forVolatile Organic Compounds

COMPOUNDS	VGCA-1	VGCA-2	VGCA Inlet	SVE Stack	SVE-1	SVE-2	SVE-3	SVE-5
	10/26/2023	10/26/2023	10/26/2023	10/26/2023	10/26/2023	10/26/2023	10/26/2023	10/26/2023
	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)
	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	**33**	**33**	**25**	**20**	**25**	**29**	**12**	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	**8.6**	**8.4**	**6.4**	**5.4**	**2.8**	**8.4**	ND	ND
1,1-Dichloroethylene	**1.1**	**1.1**	**0.63**	**0.65**	**0.45**	**0.76**	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**1.0**	ND	**3.1**	**0.81**	ND	**0.73**	**7.3**	**0.80**
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**1.2**	**1.2**	ND	**0.78**	**1.1**	**2.0**	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorotetrafluoroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	**0.88**	**1.5**	**1.0**	**1.9**	**1.5**	**7.7**	**1.6**
2-Hexanone (MBK)	ND	ND	ND	ND	ND	ND	ND	ND
3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**9.5**	**8.9**	**16**	**16**	**4.9**	**17**	**25**	**25**
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	**2.9**	**2.3**	**6.4**	**2.3**	ND	**3.4**	**12**	**1.1**
Benzyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ND	ND	ND	ND	**2.3**	**3.1**	**3.4**	ND
Carbon Tetrachloride	**1.9**	**1.7**	**1.4**	**1.2**	**4.5**	**2.0**	**1.2**	**0.41**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	**9.1**	**9.2**	**7.0**	**5.7**	**16**	**6.3**	**6.3**	ND
Chloromethane	**0.42**	**0.65**	ND	**0.86**	**0.61**	**0.55**	ND	**1.8**
cis-1,2-Dichloroethylene	**5.0**	**4.8**	**4.2**	**3.1**	**0.22**	**7.6**	ND	ND
cis-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**9.1**	**8.0**	**2.7**	**7.1**	ND	**2.7**	**4.7**	**1.1**
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluromethane	**3.6**	**3.5**	**3.0**	**3.1**	**3.1**	**2.8**	**3.2**	**2.7**
Ethyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**3.3**	**2.3**	**10**	**2.1**	ND	**2.5**	**20**	**0.99**
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND
Isopropanol	**3.5**	**3.3**	**6.3**	**36**	**4.2**	**4.0**	**8.1**	**3.5**
Methyl Methacrylate	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	**2.5**	**2.3**	**3.2**	**4.5**	**1.4**	**2.9**	ND	**3.0**
n-Heptane	**1.6**	**1.3**	**3.7**	**1.6**	ND	**2.1**	**6.1**	**0.73**
n-Hexane	**6.3**	**5.0**	**11**	**4.2**	ND	**11**	**18**	**9.0**
Xylene (o)	**2.9**	**2.0**	**9.5**	**2.0**	ND	**2.2**	**19**	**0.99**
Xylene (m&p)	**8.3**	**6.0**	**27**	**6.1**	ND	**6.5**	**55**	**2.8**
p-Ethyltoluene	**1.1**	ND	**3.8**	**0.88**	ND	**0.73**	**7.7**	ND
Propylene	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	**41**	**34**	**97**	**25**	**29**	**170**	**60**	**2.1**
Tetrahydrofuran	ND	ND	ND	ND	**19**	**11**	**29**	ND
Toluene	**74**	**55**	**280**	**47**	**3.8**	**89**	**550**	**16**
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	**13**	**12**	**24**	**8.2**	**30**	**39**	**9.1**	ND
Trichlorofluoromethane	**1.9**	**1.7**	ND	**1.5**	**1.7**	**1.9**	ND	**1.3**
Vinyl acetate	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl bromide	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND
BTEX	**139.10**	**116.30**	**373.90**	**108.40**	**3.80**	**152.10**	**687.00**	**71.89**
CVOCs	**92.80**	**82.90**	**158.43**	**60.55**	**98.57**	**218.76**	**128.20**	**5.51**
Total VOCs	**245.82**	**208.53**	**552.83**	**151.98**	**150.58**	**429.17**	**864.80**	**73.82**

Sid Harvey Industries
Valley Stream, New York
Soil Vapor Extraction System
Table 1
System Operation Log

Dates From: 1/1/2022 To: 12/29/2023

Inspection Date	Check Alarm Lights (is the alarm on? yes/no)			Pressure Measurement ("H_2O)	Vacuum Measurement ("H2O)									Temperature (°F)	Flow Rate (cfm)	Operator
	KO Drum	Low Vacuum	Blower Temperature	Blower Exhaust	Blower Intake	Particulate Filter	KO Vessel	SVE-1	SVE-2	SVE-3	SVE-4	SVE-5	SVE-6			
01/12/2022																NAA Gate to SVE broken
02/17/2022	No	No	No		58	56	44	35	42	46	off	42	off	86	215	NAA
02/21/2022	No	No	No		58	56	44	36	44	46	off	42	off	82	215	NAA
03/04/2022	No	No	No		58	58	44	36	44	46	off	43	off	80	215	NAA
03/10/2022	No	No	No		56	54	44	36	42	46	off	44	off	80	215	NAA
03/30/2022	No	No	No		56	54	44	36	42	45	off	42	off	88	215	NAA
04/13/2022	No	No	No		57	52	44	36	42	46	off	44	off	102	215	NAA
04/28/2022	No	No	No		56	54	44	36	42	46	off	42	off	95	215	NAA
05/20/2022	No	No	No		54	52	44	36	42	44	off	41	off	104	215	NAA
05/31/2022	No	No	No		54	52	44	35	42	44	off	45	off	126	215	NAA
06/15/2022	No	No	No		52	52	44	35	42	44	off	42	off	121	215	NAA
06/22/2022	No	No	No		54	52	44	35	42	46	off	38	off	112	215	NAA
7/132022	No	No	No		54	52	44	34	42	46	off	44	off	132	215	NAA
7/26/2022	No	No	No		54	52	46	34	42	46	off	38	off	134	215	NAA
08/11/2022	No	No	No		54	52	44	35	42	46	off	36	off	124	215	NAA
08/24/2022	No	No	No		54	52	44	34	40	46	off	36	off	124	215	NAA
09/13/2022	No	No	No		54	52	44	35	42	46	off	37	off	122	215	NAA
09/20/2022	No	No	No		54	52	44	34	40	46	off	36	off	119	215	NAA
10/04/2022	No	No	No		55	54	46	36	44	48	off	38	off	96	215	NAA
10/13/2022	No	No	No		54	52	44	30	42	46	off	44	off	110	215	NAA
11/16/2022	No	No	No		56	54	46	36	44	46	off	48	off	95	215	NAA
11/28/2022	No	No	No		55	53	45	36	42	47	off	48	off	94	215	NAA
12/09/2022	No	No	No		56	54	44	30	42	46	off	42	off	88	215	NAA
12/22/2022	No	No	No		56	53	45	28	42	46	off	52	off	80	215	NAA
12/30/2022																NAA restarted blower
12/30/2022	No	No	No		55	53	44	30	42	46	off	42	off	80	215	NAA
1/16/2023	No	No	No		56	56	46	32	42	46	off	38	off	72	215	KP
1/27/2023	No	No	No		55	56	46	28	42	45	off	52	off	50	215	NAA
2/9/2023	No	No	No		52	56	46	30	42	46	off	38	off	90	215	NAA
2/17/2023	No	No	No		54	54	45	30	42	48	off	36	off	92	215	NAA
3/6/2023	No	No	No		53	53	48	36	42	48	off	36	off	84	215	NAA
3/17/2023	No	No	No		53	54	46	36	42	48	off	36	off	92	215	NAA
3/31/2023	No	No	No		56	56	46	34	42	48	off	43	off	94	215	NAA
4/5/2023	No	No	No		56	56	45	32	42	46	off	44	off	96	215	NAA
4/25/2023	No	No	No		55	53	48	34	42	46	off	42	off	96	215	NAA
5/8/2023	No	No	No		52	53	45	35	40	46	off	45	off	94	215	NAA
5/17/2023	No	No	No		52	53	45	35	40	46	off	45	off	94	215	NAA
6/7/2023	No	No	No		53	53	44	36	42	46	off	45	off	94	215	NAA
6/13/2023	No	No	No		52	53	43	35	40	45	off	38	off	120?	215	NAA
7/6/2023	No	No	No		53	53	43	35	40	46	off	42	off	130	215	NAA
7/17/2023	No	No	No		52	53	43	35	40	46	off	38	off	128	215	NAA
8/16/2023	No	No	No		50	53	44	35	40	46	off	52	off	122	215	NAA
8/23/2023	No	No	No		52	54	43	35	40	46	off	46	off	114	215	NAA
8/29/2023	No	No	No		52	54	43	35	40	44	off	43	off	124	215	NAA
9/13/2023	No	No	No		52	53	43	35	38	44	off	42	off	118	215	NAA
9/26/2023	No	No	No		54	55	46	36	42	46	off	46	off	104	215	NAA
10/11/2023	No	No	No		54	56	46	36	42	46	off	48	off	102	-230	NAA
10/18/2023	No	No	No		54	56	48	28	42	48	off	54	off	110	230	NAA
11/7/2023	No	No	No		52	56	46	24	42	46	off	42	off	105	230	NAA
11/7/2023	No	No	No		52	56	46	24	42	46	off	42	off	105	230	NAA
12/5/2023	No	No	No		56	56	45	24	42	46	off	42	off	86	230	NAA
12/19/2023	No	No	No		56	56	46	24	42	46	off	46	off	84	230	NAA
12/29/2023	No	No	No		54	54	46	24	42	46	off	45	off	84	230	NAA

KO Drum	
Date/Time Emptied	Gallons of Water Removed (approx.)
11/8/2021	10
12/22 2022	20
12/29/2022	5
2023	No significant accumulation

Flow rate measured using a Dwyer hot wire anemometer.

7/13/2022 PID VGAC 1 0.0ppm VGAC 2 0.0 ppm

3/6/2023 PID VGAC 0.0ppm Stack 0.00ppm

8/23/2023 blower motor temp 120-96F 8/29/23 motor 123F, cleaned inlet air screen to motor.

Technical Report

prepared for:

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

Report Date: 01/25/2023
Client Project ID: NACC Sid Harvey
York Project (SDG) No.: 23A0816

Report Date: 01/25/2023
Client Project ID: NACC Sid Harvey
York Project (SDG) No.: 23A0816

Preferred Env. Services
323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 January 18, 2023 and listed below. The project was identified as your project: **NACC Sid Harvey**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23A0816-01	MW-12	Water	01/17/2023	01/18/2023
23A0816-02	MW-DUP	Water	01/17/2023	01/18/2023
23A0816-03	MW-6I	Water	01/17/2023	01/18/2023
23A0816-04	MW-3I	Water	01/17/2023	01/18/2023
23A0816-05	Tripblank	Water	01/17/2023	01/18/2023

General Notes for York Project (SDG) No.: 23A0816

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:** 01/25/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-12** **York Sample ID:** **23A0816-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:25 am	01/18/2023

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	1.08	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
71-55-6	**1,1,1-Trichloroethane**	**526**		ug/L	6.65	12.5	25	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/23/2023 13:45	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.00**		ug/L	1.43	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 18:36	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
75-34-3	**1,1-Dichloroethane**	**147**		ug/L	1.36	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 18:36	PD
75-35-4	**1,1-Dichloroethylene**	**37.8**		ug/L	1.64	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 18:36	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 18:36	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 18:36	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 18:36	PD
95-63-6	**1,2,4-Trimethylbenzene**	**4.00**		ug/L	1.55	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 18:36	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.16	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
95-50-1	**1,2-Dichlorobenzene**	**3.60**		ug/L	1.35	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 18:36	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.74	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 18:36	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.56	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD
123-91-1	1,4-Dioxane	ND		ug/L	176	400	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 18:36	PD
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 18:36	PD

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 23A0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:25 am	01/18/2023

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
591-78-6	2-Hexanone	ND		ug/L	1.60	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	Acetone	ND		ug/L	6.70	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	1.40	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.815	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.595	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	1.86	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	**cis-1,2-Dichloroethylene**	**210**		ug/L	1.47	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	2.46	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.26	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	**Ethyl Benzene**	**2.45**	J	ug/L	1.45	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 23A0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:25 am	01/18/2023

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
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	2.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	**Methylcyclohexane**	**3.90**		ug/L	2.38	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	**Methylene chloride**	**9.00**	J	ug/L	1.98	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
91-20-3	**Naphthalene**	**1.10**	J	ug/L	1.06	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	2.00	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	1.92	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	**o-Xylene**	**2.35**	J	ug/L	1.30	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	**p- & m- Xylenes**	**5.40**		ug/L	2.89	5.00	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	1.70	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	1.88	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	2.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	3.04	5.00	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	1.84	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	**Tetrachloroethylene**	**2.90**		ug/L	1.20	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
108-88-3	**Toluene**	**4.65**		ug/L	1.73	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
156-60-5	**trans-1,2-Dichloroethylene**	**3.55**		ug/L	1.40	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	**Trichloroethylene**	**38.0**		ug/L	1.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 23A0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:25 am	01/18/2023

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
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	2.34	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**7.75**		ug/L	4.18	7.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**4.67**		mg/L	0.278	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:23	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.621**		mg/L	0.00556	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:23	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0780**		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:23	01/18/2023 22:23	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:23	01/18/2023 22:23	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP		

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-12 **York Sample ID:** 23A0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:25 am	01/18/2023

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**23.9**		mg/L	1.00	1	EPA 300.0	01/18/2023 22:23	01/18/2023 22:23	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Organic Carbon **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**2.62**		mg/L	1.00	1	SM 5310B-2014	01/24/2023 10:21	01/24/2023 13:51	AD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-DUP **York Sample ID:** 23A0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:30 am	01/18/2023

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	1.08	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	**1,1,1-Trichloroethane**	**568**		ug/L	6.65	12.5	25	EPA 8260C	01/23/2023 09:00	01/23/2023 14:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.10**		ug/L	1.43	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	**1,1-Dichloroethane**	**147**		ug/L	1.36	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-35-4	**1,1-Dichloroethylene**	**39.7**		ug/L	1.64	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**4.15**		ug/L	1.55	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: MW-DUP

York Sample ID: 23A0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:30 am	01/18/2023

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.16	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
95-50-1	**1,2-Dichlorobenzene**	**3.70**		ug/L	1.35	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 19:05	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.74	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.56	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
123-91-1	1,4-Dioxane	ND		ug/L	176	400	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
591-78-6	2-Hexanone	ND		ug/L	1.60	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
67-64-1	Acetone	ND		ug/L	6.70	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
107-02-8	Acrolein	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
71-43-2	Benzene	ND		ug/L	1.40	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
75-27-4	Bromodichloromethane	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
75-25-2	Bromoform	ND		ug/L	0.815	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
74-83-9	Bromomethane	ND		ug/L	0.595	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD

Sample Information

Client Sample ID: MW-DUP

York Sample ID: 23A0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:30 am	01/18/2023

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
108-90-7	Chlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
75-00-3	Chloroethane	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
67-66-3	Chloroform	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
74-87-3	Chloromethane	ND		ug/L	1.86	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
156-59-2	**cis-1,2-Dichloroethylene**	**215**		ug/L	1.47	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 19:05	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
110-82-7	Cyclohexane	ND		ug/L	2.46	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.26	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
100-41-4	**Ethyl Benzene**	**2.55**		ug/L	1.45	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 19:05	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
98-82-8	Isopropylbenzene	ND		ug/L	2.02	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
108-87-2	**Methylcyclohexane**	**3.85**		ug/L	2.38	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
75-09-2	**Methylene chloride**	**6.95**	J	ug/L	1.98	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/19/2023 19:05	PD
91-20-3	Naphthalene	ND		ug/L	1.06	10.0	5	EPA 8260C Certifications:	01/19/2023 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/19/2023 19:05	PD
104-51-8	n-Butylbenzene	ND		ug/L	2.00	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
103-65-1	n-Propylbenzene	ND		ug/L	1.92	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/19/2023 19:05	PD
95-47-6	**o-Xylene**	**2.40**	J	ug/L	1.30	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/19/2023 19:05	PD
179601-23-1	**p- & m- Xylenes**	**5.65**		ug/L	2.89	5.00	5	EPA 8260C Certifications:	01/19/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/19/2023 19:05	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	1.70	2.50	5	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:05	PD

Sample Information

Client Sample ID: MW-DUP **York Sample ID:** 23A0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:30 am	01/18/2023

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	1.00	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	1.88	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	2.22	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	3.04	5.00	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	1.84	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	**Tetrachloroethylene**	**2.90**		ug/L	1.20	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-88-3	**Toluene**	**5.65**		ug/L	1.73	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	**trans-1,2-Dichloroethylene**	**3.65**		ug/L	1.40	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	**Trichloroethylene**	**39.4**		ug/L	1.24	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	2.34	2.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**8.05**		ug/L	4.18	7.50	5	EPA 8260C	01/19/2023 08:00	01/19/2023 19:05	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**4.94**		mg/L	0.278	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-DUP **York Sample ID:** 23A0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 11:30 am	01/18/2023

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.636**		mg/L	0.00556	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0838**		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:32	01/18/2023 22:32	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Nitrite as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:32	01/18/2023 22:32	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**24.8**		mg/L	1.00	1	EPA 300.0	01/18/2023 22:32	01/18/2023 22:32	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Organic Carbon **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**2.51**		mg/L	1.00	1	SM 5310B-2014	01/24/2023 10:21	01/24/2023 14:05	AD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6I **York Sample ID:** 23A0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

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

Sample Information

Client Sample ID: **MW-6I** **York Sample ID:** **23A0816-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

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	0.216	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-6I

York Sample ID: 23A0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: **MW-6I** **York Sample ID:** **23A0816-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.370**	J	ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: MW-6I **York Sample ID:** 23A0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	01/19/2023 08:00	01/19/2023 19:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	01/19/2023 08:00	01/19/2023 19:33	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8.20**		mg/L	0.278	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Manganese by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.482**		mg/L	0.00556	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.140**		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:42	01/18/2023 22:42	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	01/18/2023 22:42	01/18/2023 22:42	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP		

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

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

Sample Information

Client Sample ID: **MW-6I** **York Sample ID:** **23A0816-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 12:50 pm	01/18/2023

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**34.4**		mg/L	1.00	1	EPA 300.0	01/18/2023 22:42	01/18/2023 22:42	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**2.49**		mg/L	1.00	1	SM 5310B-2014	01/24/2023 10:21	01/24/2023 14:21	AD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-3I** **York Sample ID:** **23A0816-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:00 pm	01/18/2023

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	0.216	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	**1,1,1-Trichloroethane**	**5.51**		ug/L	0.266	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	**1,1-Dichloroethane**	**13.0**		ug/L	0.272	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
75-35-4	**1,1-Dichloroethylene**	**1.94**		ug/L	0.327	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	01/23/2023 09:00	01/23/2023 14:42	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3I

York Sample ID: 23A0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:00 pm	01/18/2023

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-3I

York Sample ID: 23A0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:00 pm	01/18/2023

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
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	**cis-1,2-Dichloroethylene**	**0.350**	J	ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: MW-3I

York Sample ID: 23A0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:00 pm	01/18/2023

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	0.341	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00	01/23/2023 14:42	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/23/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/23/2023 14:42	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
127-18-4	**Tetrachloroethylene**	**0.440**	J	ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/23/2023 14:42	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
79-01-6	**Trichloroethylene**	**9.88**		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/23/2023 14:42	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/23/2023 14:42	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/23/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/23/2023 14:42	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.395**		mg/L	0.278	1	EPA 200.7 Certifications:	01/19/2023 08:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/23/2023 19:32	CW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-3I **York Sample ID:** 23A0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:00 pm	01/18/2023

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.470**		mg/L	0.00556	1	EPA 200.7	01/19/2023 08:41	01/23/2023 19:32	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**1.02**		mg/L	0.0500	1	EPA 300.0	01/18/2023 23:12	01/18/2023 23:12	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Nitrite as N **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	01/18/2023 23:12	01/18/2023 23:12	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP		

Sulfate as SO4 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**32.9**		mg/L	1.00	1	EPA 300.0	01/18/2023 23:12	01/18/2023 23:12	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Total Organic Carbon **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	ND		mg/L	1.00	1	SM 5310B-2014	01/24/2023 10:21	01/24/2023 14:37	AD
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: Tripblank **York Sample ID:** 23A0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:10 pm	01/18/2023

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

Sample Information

Client Sample ID: **Tripblank** **York Sample ID:** **23A0816-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:10 pm	01/18/2023

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	0.216	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: **Tripblank** **York Sample ID:** **23A0816-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:10 pm	01/18/2023

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	**Acetone**	**1.41**	J	ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: **Tripblank** **York Sample ID:** **23A0816-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:10 pm	01/18/2023

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
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/19/2023 08:00	01/19/2023 13:50 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: **Tripblank** **York Sample ID:** **23A0816-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0816	NACC Sid Harvey	Water	January 17, 2023 2:10 pm	01/18/2023

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
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	01/19/2023 08:00	01/19/2023 13:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	01/19/2023 08:00	01/19/2023 13:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Analytical Batch Summary

Batch ID: BA30979 **Preparation Method:** EPA 200.7 **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0816-01	MW-12	01/19/23
23A0816-02	MW-DUP	01/19/23
23A0816-03	MW-6I	01/19/23
23A0816-04	MW-3I	01/19/23
BA30979-BLK1	Blank	01/19/23
BA30979-BS1	LCS	01/19/23
BA30979-DUP1	Duplicate	01/19/23
BA30979-MS1	Matrix Spike	01/19/23
BA30979-MS2	Matrix Spike	01/19/23
BA30979-PS1	Post Spike	01/19/23

Batch ID: BA30993 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
23A0816-01	MW-12	01/19/23
23A0816-02	MW-DUP	01/19/23
23A0816-03	MW-6I	01/19/23
23A0816-05	Tripblank	01/19/23
BA30993-BLK1	Blank	01/19/23
BA30993-BS1	LCS	01/19/23
BA30993-BSD1	LCS Dup	01/19/23

Batch ID: BA31013 **Preparation Method:** EPA 300 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
23A0816-01	MW-12	01/18/23
23A0816-02	MW-DUP	01/18/23
23A0816-03	MW-6I	01/18/23
23A0816-04	MW-3I	01/18/23
BA31013-BLK1	Blank	01/18/23
BA31013-BS1	LCS	01/18/23
BA31013-DUP1	Duplicate	01/18/23
BA31013-DUP2	Duplicate	01/18/23
BA31013-MS1	Matrix Spike	01/18/23
BA31013-MS2	Matrix Spike	01/18/23

Batch ID: BA31137 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A0816-01RE1	MW-12	01/23/23
23A0816-02RE1	MW-DUP	01/23/23
23A0816-04	MW-3I	01/23/23
BA31137-BLK1	Blank	01/23/23
BA31137-BS1	LCS	01/23/23

BA31137-BSD1	LCS Dup	01/23/23

Batch ID: BA31217 **Preparation Method:** Analysis Preparation **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23A0816-01	MW-12	01/24/23
23A0816-02	MW-DUP	01/24/23
23A0816-03	MW-6I	01/24/23
23A0816-04	MW-3I	01/24/23
BA31217-BLK1	Blank	01/24/23
BA31217-DUP1	Duplicate	01/24/23
BA31217-MS1	Matrix Spike	01/24/23
BA31217-SRM1	Reference	01/24/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30993 - EPA 5030B											
Blank (BA30993-BLK1)											Prepared & Analyzed: 01/19/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30993 - EPA 5030B											
Blank (BA30993-BLK1)									Prepared & Analyzed: 01/19/2023		
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BA30993-BS1)									Prepared & Analyzed: 01/19/2023		
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	9.70		"	10.0		97.0	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	9.48		"	10.0		94.8	76-137				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	80-131				
1,3-Dichlorobenzene	9.97		"	10.0		99.7	86-122				
1,3-Dichloropropane	10.3		"	10.0		103	81-125				
1,4-Dichlorobenzene	9.95		"	10.0		99.5	85-124				
1,4-Dioxane	221		"	210		105	10-349				
2-Butanone	7.24		"	10.0		72.4	49-152				
2-Hexanone	8.32		"	10.0		83.2	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30993 - EPA 5030B											
LCS (BA30993-BS1)								Prepared & Analyzed: 01/19/2023			
4-Methyl-2-pentanone	10.0		ug/L	10.0		100	57-145				
Acetone	4.37		"	10.0		43.7	14-150				
Acrolein	8.67		"	10.0		86.7	10-153				
Acrylonitrile	10.7		"	10.0		107	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	10.3		"	10.0		103	79-128				
Bromoform	10.7		"	10.0		107	78-133				
Bromomethane	10.1		"	10.0		101	43-168				
Carbon disulfide	11.7		"	10.0		117	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Cyclohexane	9.96		"	10.0		99.6	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	13.4		"	10.0		134	44-144				
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	9.10		"	10.0		91.0	67-146				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl acetate	9.43		"	10.0		94.3	51-139				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135				
Methylcyclohexane	9.67		"	10.0		96.7	72-143				
Methylene chloride	11.6		"	10.0		116	55-137				
Naphthalene	9.88		"	10.0		98.8	70-147				
n-Butylbenzene	7.85		"	10.0		78.5	79-132	Low Bias			
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	21.3		"	20.0		106	77-133				
p-Diethylbenzene	9.42		"	10.0		94.2	84-134				
p-Ethyltoluene	10.3		"	10.0		103	88-129				
p-Isopropyltoluene	9.56		"	10.0		95.6	81-136				
sec-Butylbenzene	9.75		"	10.0		97.5	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	51.6		"	50.0		103	25-162				
tert-Butylbenzene	9.79		"	10.0		97.9	77-138				
Tetrachloroethylene	6.35		"	10.0		63.5	82-131	Low Bias			
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	11.0		"	20.0		54.9	67-139	Low Bias			
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30993 - EPA 5030B											
LCS Dup (BA30993-BSD1)								Prepared & Analyzed: 01/19/2023			
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82-126		3.55	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		5.34	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		0.458	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		6.29	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		0.486	30	
1,1-Dichloroethane	9.61		"	10.0		96.1	82-129		4.97	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		6.01	30	
1,2,3-Trichlorobenzene	9.74		"	10.0		97.4	76-136		0.412	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		1.44	30	
1,2,4-Trichlorobenzene	9.32		"	10.0		93.2	76-137		1.70	30	
1,2,4-Trimethylbenzene	9.69		"	10.0		96.9	82-132		3.45	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		2.58	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		1.53	30	
1,2-Dichlorobenzene	9.83		"	10.0		98.3	79-123		2.81	30	
1,2-Dichloroethane	9.99		"	10.0		99.9	73-132		3.25	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		4.53	30	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	80-131		3.52	30	
1,3-Dichlorobenzene	9.71		"	10.0		97.1	86-122		2.64	30	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		2.05	30	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124		3.27	30	
1,4-Dioxane	231		"	210		110	10-349		4.32	30	
2-Butanone	7.21		"	10.0		72.1	49-152		0.415	30	
2-Hexanone	8.16		"	10.0		81.6	51-146		1.94	30	
4-Methyl-2-pentanone	9.86		"	10.0		98.6	57-145		1.41	30	
Acetone	4.31		"	10.0		43.1	14-150		1.38	30	
Acrolein	8.70		"	10.0		87.0	10-153		0.345	30	
Acrylonitrile	10.2		"	10.0		102	51-150		4.88	30	
Benzene	10.2		"	10.0		102	85-126		4.23	30	
Bromochloromethane	10.2		"	10.0		102	77-128		3.00	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		2.66	30	
Bromoform	10.5		"	10.0		105	78-133		1.79	30	
Bromomethane	9.56		"	10.0		95.6	43-168		5.49	30	
Carbon disulfide	10.9		"	10.0		109	68-146		7.07	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		4.65	30	
Chlorobenzene	10.4		"	10.0		104	88-120		3.58	30	
Chloroethane	10.8		"	10.0		108	65-136		4.97	30	
Chloroform	9.93		"	10.0		99.3	82-128		3.56	30	
Chloromethane	10.6		"	10.0		106	43-155		4.81	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		3.70	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		3.70	30	
Cyclohexane	9.39		"	10.0		93.9	63-149		5.89	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		2.89	30	
Dibromomethane	10.2		"	10.0		102	72-134		2.52	30	
Dichlorodifluoromethane	12.7		"	10.0		127	44-144		5.29	30	
Ethyl Benzene	9.86		"	10.0		98.6	80-131		4.66	30	
Hexachlorobutadiene	8.54		"	10.0		85.4	67-146		6.35	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		4.02	30	
Methyl acetate	9.16		"	10.0		91.6	51-139		2.90	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		1.67	30	
Methylcyclohexane	9.17		"	10.0		91.7	72-143		5.31	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30993 - EPA 5030B											
LCS Dup (BA30993-BSD1)								Prepared & Analyzed: 01/19/2023			
Methylene chloride	10.9		ug/L	10.0		109	55-137		5.96	30	
Naphthalene	9.88		"	10.0		98.8	70-147		0.00	30	
n-Butylbenzene	7.72		"	10.0		77.2	79-132	Low Bias	1.67	30	
n-Propylbenzene	9.82		"	10.0		98.2	78-133		3.40	30	
o-Xylene	9.90		"	10.0		99.0	78-130		4.15	30	
p- & m- Xylenes	20.4		"	20.0		102	77-133		4.27	30	
p-Diethylbenzene	9.15		"	10.0		91.5	84-134		2.91	30	
p-Ethyltoluene	9.95		"	10.0		99.5	88-129		3.26	30	
p-Isopropyltoluene	9.28		"	10.0		92.8	81-136		2.97	30	
sec-Butylbenzene	9.43		"	10.0		94.3	79-137		3.34	30	
Styrene	10.2		"	10.0		102	67-132		3.64	30	
tert-Butyl alcohol (TBA)	51.2		"	50.0		102	25-162		0.661	30	
tert-Butylbenzene	9.49		"	10.0		94.9	77-138		3.11	30	
Tetrachloroethylene	6.05		"	10.0		60.5	82-131	Low Bias	4.84	30	
Toluene	10.0		"	10.0		100	80-127		4.69	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		4.72	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		4.09	30	
Trichloroethylene	9.61		"	10.0		96.1	82-128		6.74	30	
Trichlorofluoromethane	10.4		"	20.0		52.0	67-139	Low Bias	5.52	30	
Vinyl Chloride	11.1		"	10.0		111	58-145		5.28	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BA31137 - EPA 5030B											
Blank (BA31137-BLK1)								Prepared & Analyzed: 01/23/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31137 - EPA 5030B											
Blank (BA31137-BLK1)											Prepared & Analyzed: 01/23/2023
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31137 - EPA 5030B											
LCS (BA31137-BS1)								Prepared & Analyzed: 01/23/2023			
1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0		92.2	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165				
1,1,2-Trichloroethane	9.21		"	10.0		92.1	82-123				
1,1-Dichloroethane	9.31		"	10.0		93.1	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	7.79		"	10.0		77.9	76-136				
1,2,3-Trichloropropane	9.61		"	10.0		96.1	77-128				
1,2,4-Trichlorobenzene	7.81		"	10.0		78.1	76-137				
1,2,4-Trimethylbenzene	8.94		"	10.0		89.4	82-132				
1,2-Dibromo-3-chloropropane	9.19		"	10.0		91.9	45-147				
1,2-Dibromoethane	9.52		"	10.0		95.2	83-124				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	79-123				
1,2-Dichloroethane	9.56		"	10.0		95.6	73-132				
1,2-Dichloropropane	9.40		"	10.0		94.0	78-126				
1,3,5-Trimethylbenzene	8.70		"	10.0		87.0	80-131				
1,3-Dichlorobenzene	8.92		"	10.0		89.2	86-122				
1,3-Dichloropropane	9.36		"	10.0		93.6	81-125				
1,4-Dichlorobenzene	8.95		"	10.0		89.5	85-124				
1,4-Dioxane	202		"	210		96.0	10-349				
2-Butanone	6.91		"	10.0		69.1	49-152				
2-Hexanone	7.30		"	10.0		73.0	51-146				
4-Methyl-2-pentanone	8.85		"	10.0		88.5	57-145				
Acetone	3.93		"	10.0		39.3	14-150				
Acrolein	7.99		"	10.0		79.9	10-153				
Acrylonitrile	9.73		"	10.0		97.3	51-150				
Benzene	9.76		"	10.0		97.6	85-126				
Bromochloromethane	9.75		"	10.0		97.5	77-128				
Bromodichloromethane	9.33		"	10.0		93.3	79-128				
Bromoform	9.53		"	10.0		95.3	78-133				
Bromomethane	5.48		"	10.0		54.8	43-168				
Carbon disulfide	11.0		"	10.0		110	68-146				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	9.69		"	10.0		96.9	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	9.51		"	10.0		95.1	82-128				
Chloromethane	8.87		"	10.0		88.7	43-155				
cis-1,2-Dichloroethylene	9.68		"	10.0		96.8	83-129				
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	80-131				
Cyclohexane	9.59		"	10.0		95.9	63-149				
Dibromochloromethane	9.35		"	10.0		93.5	80-130				
Dibromomethane	9.45		"	10.0		94.5	72-134				
Dichlorodifluoromethane	11.7		"	10.0		117	44-144				
Ethyl Benzene	9.31		"	10.0		93.1	80-131				
Hexachlorobutadiene	6.38		"	10.0		63.8	67-146	Low Bias			
Isopropylbenzene	9.47		"	10.0		94.7	76-140				
Methyl acetate	8.68		"	10.0		86.8	51-139				
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	76-135				
Methylcyclohexane	9.01		"	10.0		90.1	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31137 - EPA 5030B											
LCS (BA31137-BS1)								Prepared & Analyzed: 01/23/2023			
Methylene chloride	9.57		ug/L	10.0		95.7	55-137				
Naphthalene	8.32		"	10.0		83.2	70-147				
n-Butylbenzene	6.62		"	10.0		66.2	79-132	Low Bias			
n-Propylbenzene	9.10		"	10.0		91.0	78-133				
o-Xylene	9.17		"	10.0		91.7	78-130				
p- & m- Xylenes	19.1		"	20.0		95.6	77-133				
p-Diethylbenzene	7.90		"	10.0		79.0	84-134	Low Bias			
p-Ethyltoluene	9.16		"	10.0		91.6	88-129				
p-Isopropyltoluene	8.16		"	10.0		81.6	81-136				
sec-Butylbenzene	8.38		"	10.0		83.8	79-137				
Styrene	9.52		"	10.0		95.2	67-132				
tert-Butyl alcohol (TBA)	45.0		"	50.0		90.1	25-162				
tert-Butylbenzene	8.68		"	10.0		86.8	77-138				
Tetrachloroethylene	5.89		"	10.0		58.9	82-131	Low Bias			
Toluene	9.53		"	10.0		95.3	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.29		"	10.0		92.9	78-131				
Trichloroethylene	9.35		"	10.0		93.5	82-128				
Trichlorofluoromethane	10.8		"	20.0		54.0	67-139	Low Bias			
Vinyl Chloride	10.7		"	10.0		107	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.70*		*"*	*10.0*		*97.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS Dup (BA31137-BSD1)								Prepared & Analyzed: 01/23/2023			
1,1,1,2-Tetrachloroethane	9.05		ug/L	10.0		90.5	82-126		1.86	30	
1,1,1-Trichloroethane	9.70		"	10.0		97.0	78-136		3.25	30	
1,1,2,2-Tetrachloroethane	9.92		"	10.0		99.2	76-129		1.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		4.01	30	
1,1,2-Trichloroethane	9.07		"	10.0		90.7	82-123		1.53	30	
1,1-Dichloroethane	9.03		"	10.0		90.3	82-129		3.05	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		4.09	30	
1,2,3-Trichlorobenzene	8.11		"	10.0		81.1	76-136		4.03	30	
1,2,3-Trichloropropane	9.42		"	10.0		94.2	77-128		2.00	30	
1,2,4-Trichlorobenzene	7.92		"	10.0		79.2	76-137		1.40	30	
1,2,4-Trimethylbenzene	8.96		"	10.0		89.6	82-132		0.223	30	
1,2-Dibromo-3-chloropropane	9.00		"	10.0		90.0	45-147		2.09	30	
1,2-Dibromoethane	9.28		"	10.0		92.8	83-124		2.55	30	
1,2-Dichlorobenzene	9.07		"	10.0		90.7	79-123		0.220	30	
1,2-Dichloroethane	9.17		"	10.0		91.7	73-132		4.16	30	
1,2-Dichloropropane	9.30		"	10.0		93.0	78-126		1.07	30	
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	80-131		0.801	30	
1,3-Dichlorobenzene	8.96		"	10.0		89.6	86-122		0.447	30	
1,3-Dichloropropane	9.11		"	10.0		91.1	81-125		2.71	30	
1,4-Dichlorobenzene	8.99		"	10.0		89.9	85-124		0.446	30	
1,4-Dioxane	195		"	210		92.7	10-349		3.46	30	
2-Butanone	6.35		"	10.0		63.5	49-152		8.45	30	
2-Hexanone	7.00		"	10.0		70.0	51-146		4.20	30	
4-Methyl-2-pentanone	8.46		"	10.0		84.6	57-145		4.51	30	
Acetone	3.72		"	10.0		37.2	14-150		5.49	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31137 - EPA 5030B											
LCS Dup (BA31137-BSD1)								Prepared & Analyzed: 01/23/2023			
Acrolein	7.61		ug/L	10.0		76.1	10-153		4.87	30	
Acrylonitrile	9.20		"	10.0		92.0	51-150		5.60	30	
Benzene	9.55		"	10.0		95.5	85-126		2.18	30	
Bromochloromethane	9.50		"	10.0		95.0	77-128		2.60	30	
Bromodichloromethane	9.08		"	10.0		90.8	79-128		2.72	30	
Bromoform	9.21		"	10.0		92.1	78-133		3.42	30	
Bromomethane	5.95		"	10.0		59.5	43-168		8.22	30	
Carbon disulfide	10.4		"	10.0		104	68-146		6.16	30	
Carbon tetrachloride	9.99		"	10.0		99.9	77-141		2.67	30	
Chlorobenzene	9.62		"	10.0		96.2	88-120		0.725	30	
Chloroethane	10.2		"	10.0		102	65-136		2.99	30	
Chloroform	9.27		"	10.0		92.7	82-128		2.56	30	
Chloromethane	8.52		"	10.0		85.2	43-155		4.03	30	
cis-1,2-Dichloroethylene	9.41		"	10.0		94.1	83-129		2.83	30	
cis-1,3-Dichloropropylene	9.14		"	10.0		91.4	80-131		1.95	30	
Cyclohexane	9.27		"	10.0		92.7	63-149		3.39	30	
Dibromochloromethane	9.13		"	10.0		91.3	80-130		2.38	30	
Dibromomethane	9.17		"	10.0		91.7	72-134		3.01	30	
Dichlorodifluoromethane	11.3		"	10.0		113	44-144		4.00	30	
Ethyl Benzene	9.17		"	10.0		91.7	80-131		1.52	30	
Hexachlorobutadiene	6.40		"	10.0		64.0	67-146	Low Bias	0.313	30	
Isopropylbenzene	9.55		"	10.0		95.5	76-140		0.841	30	
Methyl acetate	8.28		"	10.0		82.8	51-139		4.72	30	
Methyl tert-butyl ether (MTBE)	9.08		"	10.0		90.8	76-135		2.61	30	
Methylcyclohexane	8.81		"	10.0		88.1	72-143		2.24	30	
Methylene chloride	9.43		"	10.0		94.3	55-137		1.47	30	
Naphthalene	8.38		"	10.0		83.8	70-147		0.719	30	
n-Butylbenzene	8.41		"	10.0		84.1	79-132		23.8	30	
n-Propylbenzene	9.20		"	10.0		92.0	78-133		1.09	30	
o-Xylene	9.05		"	10.0		90.5	78-130		1.32	30	
p- & m- Xylenes	18.8		"	20.0		94.2	77-133		1.53	30	
p-Diethylbenzene	8.08		"	10.0		80.8	84-134	Low Bias	2.25	30	
p-Ethyltoluene	9.27		"	10.0		92.7	88-129		1.19	30	
p-Isopropyltoluene	8.29		"	10.0		82.9	81-136		1.58	30	
sec-Butylbenzene	8.55		"	10.0		85.5	79-137		2.01	30	
Styrene	9.29		"	10.0		92.9	67-132		2.45	30	
tert-Butyl alcohol (TBA)	43.2		"	50.0		86.5	25-162		4.10	30	
tert-Butylbenzene	8.77		"	10.0		87.7	77-138		1.03	30	
Tetrachloroethylene	5.75		"	10.0		57.5	82-131	Low Bias	2.41	30	
Toluene	9.36		"	10.0		93.6	80-127		1.80	30	
trans-1,2-Dichloroethylene	9.67		"	10.0		96.7	80-132		3.56	30	
trans-1,3-Dichloropropylene	9.02		"	10.0		90.2	78-131		2.95	30	
Trichloroethylene	9.10		"	10.0		91.0	82-128		2.71	30	
Trichlorofluoromethane	10.4		"	20.0		51.9	67-139	Low Bias	3.87	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		3.23	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30979 - EPA 200.7											
Blank (BA30979-BLK1)									Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	ND	0.278	mg/L								
Manganese	ND	0.00556	"								
LCS (BA30979-BS1)									Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	0.919		ug/mL	1.00		91.9	85-115				
Manganese	0.467		"	0.500		93.4	85-115				
Duplicate (BA30979-DUP1)	*Source sample: 23A0833-03 (Duplicate)								Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	5.84	0.278	mg/L		5.78				1.11	20	
Manganese	0.755	0.00556	"		0.749				0.843	20	
Matrix Spike (BA30979-MS1)	*Source sample: 23A0833-03 (Matrix Spike)								Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	6.62	0.278	mg/L	1.11	5.78	75.8	75-125				
Manganese	1.20	0.00556	"	0.556	0.749	80.6	75-125				
Matrix Spike (BA30979-MS2)	*Source sample: 23A0752-01 (Matrix Spike)								Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	3.44	0.278	mg/L	1.11	2.46	88.5	75-125				
Manganese	0.567	0.00556	"	0.556	0.0552	92.1	75-125				
Post Spike (BA30979-PS1)	*Source sample: 23A0833-03 (Post Spike)								Prepared: 01/19/2023 Analyzed: 01/23/2023		
Iron	6.15		ug/mL	1.00	5.20	95.0	75-125				
Manganese	1.12		"	0.500	0.674	89.7	75-125				

Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31013 - EPA 300											
Blank (BA31013-BLK1)								Prepared & Analyzed: 01/18/2023			
Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
Sulfate	ND	1.00	"								
LCS (BA31013-BS1)								Prepared & Analyzed: 01/18/2023			
Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Nitrite as N	10.5	0.0500	"	10.0		105	90-110				
Sulfate	10.2	1.00	"	10.0		102	85-115				
Duplicate (BA31013-DUP1)	*Source sample: 23A0871-01 (Duplicate)							Prepared & Analyzed: 01/18/2023			
Nitrate as N	ND	0.0500	mg/L		ND					15	
Nitrite as N	ND	0.0500	"		ND					15	
Sulfate	38.1	1.00	"		36.6				3.98	15	
Duplicate (BA31013-DUP2)	*Source sample: 23A0872-01 (Duplicate)							Prepared & Analyzed: 01/18/2023			
Nitrate as N	0.383	0.0500	mg/L		0.371				3.10	15	
Nitrite as N	0.0199	0.0500	"		0.0224				11.8	15	
Sulfate	0.483	1.00	"		0.505				4.52	15	
Matrix Spike (BA31013-MS1)	*Source sample: 23A0871-01 (Matrix Spike)							Prepared & Analyzed: 01/18/2023			
Nitrate as N	7.96	0.0500	mg/L	10.0	ND	79.6	90-110	Low Bias			
Nitrite as N	8.80	0.0500	"	10.0	ND	88.0	90-110	Low Bias			
Sulfate	49.6	1.00	"	10.0	36.6	130	85-115	High Bias			
Matrix Spike (BA31013-MS2)	*Source sample: 23A0872-01 (Matrix Spike)							Prepared & Analyzed: 01/18/2023			
Nitrate as N	10.4	0.0500	mg/L	10.0	0.371	101	90-110				
Nitrite as N	10.3	0.0500	"	10.0	0.0224	103	90-110				
Sulfate	10.7	1.00	"	10.0	0.505	102	85-115				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31217 - Analysis Preparation											
Blank (BA31217-BLK1)								Prepared & Analyzed: 01/24/2023			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
Duplicate (BA31217-DUP1)	*Source sample: 23A0816-01 (MW-12)							Prepared & Analyzed: 01/24/2023			
Total Organic Carbon (TOC)	ND	1.00	mg/L		2.62					15	
Matrix Spike (BA31217-MS1)	*Source sample: 23A0816-01 (MW-12)							Prepared & Analyzed: 01/24/2023			
Total Organic Carbon (TOC)	18.1		mg/L	20.0	2.62	77.6	85-115	Low Bias			
Reference (BA31217-SRM1)								Prepared & Analyzed: 01/24/2023			
Total Organic Carbon (TOC)	78.2		mg/L	79.2		98.8	83.96-115				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0816-01	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0816-02	MW-DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0816-03	MW-6I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0816-04	MW-3I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0816-05	Tripblank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23A0816

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Preferred Environmental Services	Company:	Company:	NACC	RUSH - Next Day
Address: 323 Merrick Avenue, North Merrick, NY	Address: SAME	Address: SAME	YOUR Project Name: Sid Harvey	RUSH - Two Day
Phone: 516-546-1100	Phone.:	Phone.:		RUSH - Three Day
Contact: Bill Schlageter	Contact:	Contact:		RUSH - Four Day
E-mail: bschlageter@preferredenv.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X
				(7-10 for PFAS)

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.

Chris Zweer

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York X	Summary Report; CT RCP; EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report; CT RCP DQA/DUE; NYSDEC EQuIS	
DW - drinking water	Connecticut	Standard Excel EDD; NJDEP Reduced Deliverables; NJDKQP	
WW - wastewater	Pennsylvania	NY ASP B Package; NJDEP SRP HazSite	
O - Oil / Other	Other:	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-12	GW	1/18/23 11:25	Full list VOC's by 8260, Iron,	(5) HCL VOA's	
MW-DUP	GW	11:30	manganese, sulfates, nitrates, TOC	(1) unpreserved 250mL	
MW-6I	GW	12:50		(1) HNO_3 250mL	
MW-3I	GW	14:00		per sample	
Trip blank		14:10	Full list VOC's by 8260	(2) HCL VOA's	

Comments:

Preservation: (check all that apply)
HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	1/18/23 910AM	KBarbagallo	1/18/23 910AM	KBarbagallo	1/18/23 1740
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					1/18/23 1740 1.4 Degrees C

Wednesday, March 22, 2023

Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Project ID: **140 E. MINEOLA AVE, VALLEY STREAM NY**
SDG ID: **GCN63621**
Sample ID#s: CN63621 - CN63626

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

March 22, 2023

SDG I.D.: GCN63621

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY

Client Id	Lab Id	Matrix
IA-2	CN63621	AIR
AA-1	CN63622	AIR
SVI-7	CN63623	AIR
IA-1	CN63624	AIR
SVI-12	CN63625	AIR
SVI-X	CN63626	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	17:01
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28557				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63621

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/20/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/20/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/20/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/20/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/20/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/20/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/20/23	KCA	1	
1,2,4-Trimethylbenzene	9.85	*0.204*	48.4	*1.00*	03/20/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/20/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/20/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/20/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/20/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/20/23	KCA	1	
1,3,5-Trimethylbenzene	2.48	*0.204*	12.2	*1.00*	03/20/23	KCA	1	
1,3-Butadiene	2.21	*0.452*	4.89	*1.00*	03/20/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/20/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/20/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/20/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/20/23	KCA	1	1
4-Ethyltoluene	8.16	*0.204*	40.1	*1.00*	03/20/23	KCA	1	1
4-Isopropyltoluene	0.429	*0.182*	2.35	*1.00*	03/20/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/20/23	KCA	1	
Acetone	ND	*0.421*	ND	*1.00*	03/20/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/20/23	KCA	1	
Benzene	2.99	*0.313*	9.5	*1.00*	03/20/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/20/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: IA-2

Phoenix I.D.: CN63621

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/20/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/20/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/20/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/20/23	KCA	1	
Carbon Tetrachloride	0.075	*0.032*	0.47	*0.20*	03/20/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/20/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/20/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/20/23	KCA	1	
Chloromethane	0.631	*0.485*	1.30	*1.00*	03/20/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/20/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/20/23	KCA	1	
Cyclohexane	2.34	*0.291*	8.05	*1.00*	03/20/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/20/23	KCA	1	
Dichlorodifluoromethane	0.687	*0.202*	3.40	*1.00*	03/20/23	KCA	1	
Ethanol	28.6	*0.531*	53.9	*1.00*	03/20/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/20/23	KCA	1	1
Ethylbenzene	4.46	*0.230*	19.4	*1.00*	03/20/23	KCA	1	
Heptane	3.42	*0.244*	14.0	*1.00*	03/20/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/20/23	KCA	1	
Hexane	7.81	*0.284*	27.5	*1.00*	03/20/23	KCA	1	
Isopropylalcohol	5.91	*0.407*	14.5	*1.00*	03/20/23	KCA	1	
Isopropylbenzene	0.592	*0.204*	2.91	*1.00*	03/20/23	KCA	1	
m,p-Xylene	14.3	*0.230*	62.1	*1.00*	03/20/23	KCA	1	
Methyl Ethyl Ketone	0.747	*0.339*	2.20	*1.00*	03/20/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/20/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/20/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/20/23	KCA	1	1
o-Xylene	5.78	*0.230*	25.1	*1.00*	03/20/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/20/23	KCA	1	1
sec-Butylbenzene	0.354	*0.182*	1.94	*1.00*	03/20/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/20/23	KCA	1	
Tetrachloroethene	0.063	*0.037*	0.43	*0.25*	03/20/23	KCA	1	
Tetrahydrofuran	0.787	*0.339*	2.32	*1.00*	03/20/23	KCA	1	1
Toluene	31.0	*0.266*	117	*1.00*	03/20/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/20/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/20/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	03/20/23	KCA	1	
Trichlorofluoromethane	0.276	*0.178*	1.55	*1.00*	03/20/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/20/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/20/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	91	*%*	91	*%*	03/20/23	KCA	1	
% IS-1,4-Difluorobenzene	104	*%*	104	*%*	03/20/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	03/20/23	KCA	1	
% IS-Chlorobenzene-d5	117	*%*	117	*%*	03/20/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63621

Client ID: IA-2

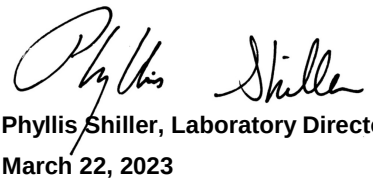
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	17:07
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13635				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63622

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: AA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/21/23	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/21/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/21/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Acetone	5.40	*0.421*	12.8	*1.00*	03/21/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/21/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/21/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63622
Client ID: AA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/21/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/21/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/21/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/21/23	KCA	1	
Carbon Tetrachloride	0.076	*0.032*	0.48	*0.20*	03/21/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/21/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/21/23	KCA	1	
Chloromethane	0.639	*0.485*	1.32	*1.00*	03/21/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/21/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/21/23	KCA	1	
Dichlorodifluoromethane	0.730	*0.202*	3.61	*1.00*	03/21/23	KCA	1	
Ethanol	4.45	*0.531*	8.38	*1.00*	03/21/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	03/21/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/21/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	03/21/23	KCA	1	
Isopropylalcohol	1.24	*0.407*	3.05	*1.00*	03/21/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
m,p-Xylene	ND	*0.230*	ND	*1.00*	03/21/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	03/21/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/21/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	03/21/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/21/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/21/23	KCA	1	
Tetrachloroethene	0.042	*0.037*	0.28	*0.25*	03/21/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/21/23	KCA	1	1
Toluene	0.286	*0.266*	1.08	*1.00*	03/21/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/21/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	03/21/23	KCA	1	
Trichlorofluoromethane	0.299	*0.178*	1.68	*1.00*	03/21/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/21/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/21/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	98	*%*	98	*%*	03/21/23	KCA	1	
% IS-1,4-Difluorobenzene	104	*%*	104	*%*	03/21/23	KCA	1	
% IS-Bromochloromethane	104	*%*	104	*%*	03/21/23	KCA	1	
% IS-Chlorobenzene-d5	101	*%*	101	*%*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63622

Client ID: AA-1

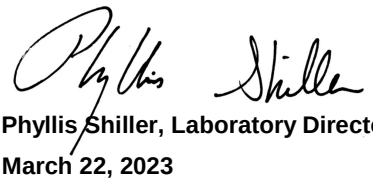
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	16:46
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21342				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63623

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	1
1,1,1-Trichloroethane	17.5	*0.183*	95.4	*1.00*	03/21/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethane	1.03	*0.247*	4.17	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/21/23	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/21/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/21/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Acetone	19.2	*0.421*	45.6	*1.00*	03/21/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/21/23	KCA	1	
Benzene	0.387	*0.313*	1.24	*1.00*	03/21/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-7

Phoenix I.D.: CN63623

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/21/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/21/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/21/23	KCA	1	
Carbon Disulfide	0.546	*0.321*	1.70	*1.00*	03/21/23	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	03/21/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/21/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/21/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/21/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/21/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/21/23	KCA	1	
Dichlorodifluoromethane	0.514	*0.202*	2.54	*1.00*	03/21/23	KCA	1	
Ethanol	2.08	*0.531*	3.92	*1.00*	03/21/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	03/21/23	KCA	1	
Heptane	0.289	*0.244*	1.18	*1.00*	03/21/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/21/23	KCA	1	
Hexane	0.472	*0.284*	1.66	*1.00*	03/21/23	KCA	1	
Isopropylalcohol	0.896	*0.407*	2.20	*1.00*	03/21/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
m,p-Xylene	0.291	*0.230*	1.26	*1.00*	03/21/23	KCA	1	
Methyl Ethyl Ketone	1.80	*0.339*	5.31	*1.00*	03/21/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/21/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	03/21/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/21/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/21/23	KCA	1	
Tetrachloroethene	2.84	*0.037*	19.3	*0.25*	03/21/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/21/23	KCA	1	1
Toluene	0.798	*0.266*	3.01	*1.00*	03/21/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/21/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Trichloroethene	0.047	*0.037*	0.25	*0.20*	03/21/23	KCA	1	
Trichlorofluoromethane	0.198	*0.178*	1.11	*1.00*	03/21/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/21/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/21/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	98	*%*	98	*%*	03/21/23	KCA	1	
% IS-1,4-Difluorobenzene	113	*%*	113	*%*	03/21/23	KCA	1	
% IS-Bromochloromethane	112	*%*	112	*%*	03/21/23	KCA	1	
% IS-Chlorobenzene-d5	113	*%*	113	*%*	03/21/23	KCA	1	

Ver 1

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63623

Client ID: SVI-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	16:55
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	482				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63624

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/21/23	KCA	1	
1,2,4-Trimethylbenzene	10.0	*0.204*	49.1	*1.00*	03/21/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/21/23	KCA	1	
1,3,5-Trimethylbenzene	2.56	*0.204*	12.6	*1.00*	03/21/23	KCA	1	
1,3-Butadiene	2.32	*0.452*	5.13	*1.00*	03/21/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	1
4-Ethyltoluene	8.16	*0.204*	40.1	*1.00*	03/21/23	KCA	1	1
4-Isopropyltoluene	0.422	*0.182*	2.32	*1.00*	03/21/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Acetone	21.1	*0.421*	50.1	*1.00*	03/21/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/21/23	KCA	1	
Benzene	2.89	*0.313*	9.23	*1.00*	03/21/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/21/23	KCA	1	

Ver 1

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63624
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/21/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/21/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/21/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/21/23	KCA	1	
Carbon Tetrachloride	0.076	*0.032*	0.48	*0.20*	03/21/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/21/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/21/23	KCA	1	
Chloromethane	0.655	*0.485*	1.35	*1.00*	03/21/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Cyclohexane	2.19	*0.291*	7.53	*1.00*	03/21/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/21/23	KCA	1	
Dichlorodifluoromethane	0.561	*0.202*	2.77	*1.00*	03/21/23	KCA	1	
Ethanol	35.5	*0.531*	66.8	*1.00*	03/21/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	1
Ethylbenzene	4.42	*0.230*	19.2	*1.00*	03/21/23	KCA	1	
Heptane	3.20	*0.244*	13.1	*1.00*	03/21/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/21/23	KCA	1	
Hexane	7.22	*0.284*	25.4	*1.00*	03/21/23	KCA	1	
Isopropylalcohol	1.53	*0.407*	3.76	*1.00*	03/21/23	KCA	1	
Isopropylbenzene	0.576	*0.204*	2.83	*1.00*	03/21/23	KCA	1	
m,p-Xylene	14.0	*0.230*	60.8	*1.00*	03/21/23	KCA	1	
Methyl Ethyl Ketone	0.455	*0.339*	1.34	*1.00*	03/21/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/21/23	KCA	1	
n-Butylbenzene	1.03	*0.182*	5.65	*1.00*	03/21/23	KCA	1	1
o-Xylene	5.62	*0.230*	24.4	*1.00*	03/21/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/21/23	KCA	1	1
sec-Butylbenzene	0.363	*0.182*	1.99	*1.00*	03/21/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/21/23	KCA	1	
Tetrachloroethene	0.064	*0.037*	0.43	*0.25*	03/21/23	KCA	1	
Tetrahydrofuran	0.727	*0.339*	2.14	*1.00*	03/21/23	KCA	1	1
Toluene	30.0	*0.266*	113	*1.00*	03/21/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/21/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	03/21/23	KCA	1	
Trichlorofluoromethane	0.266	*0.178*	1.49	*1.00*	03/21/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/21/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/21/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	93	*%*	93	*%*	03/21/23	KCA	1	
% IS-1,4-Difluorobenzene	105	*%*	105	*%*	03/21/23	KCA	1	
% IS-Bromochloromethane	101	*%*	101	*%*	03/21/23	KCA	1	
% IS-Chlorobenzene-d5	116	*%*	116	*%*	03/21/23	KCA	1	

Ver 1

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63624

Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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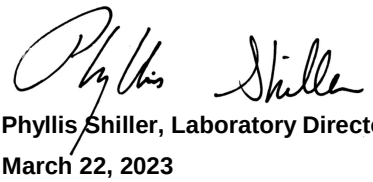

Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	16:49
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12871				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63625

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	1
1,1,1-Trichloroethane	0.236	*0.183*	1.29	*1.00*	03/21/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/21/23	KCA	1	
1,2,4-Trimethylbenzene	1.89	*0.204*	9.29	*1.00*	03/21/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/21/23	KCA	1	
1,3,5-Trimethylbenzene	0.501	*0.204*	2.46	*1.00*	03/21/23	KCA	1	
1,3-Butadiene	0.518	*0.452*	1.15	*1.00*	03/21/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	1
4-Ethyltoluene	0.416	*0.204*	2.04	*1.00*	03/21/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Acetone	22.4	*0.421*	53.2	*1.00*	03/21/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/21/23	KCA	1	
Benzene	0.706	*0.313*	2.25	*1.00*	03/21/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-12

Phoenix I.D.: CN63625

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/21/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/21/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/21/23	KCA	1	
Carbon Disulfide	0.669	*0.321*	2.08	*1.00*	03/21/23	KCA	1	
Carbon Tetrachloride	0.072	*0.032*	0.45	*0.20*	03/21/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/21/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/21/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/21/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Cyclohexane	0.509	*0.291*	1.75	*1.00*	03/21/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/21/23	KCA	1	
Dichlorodifluoromethane	0.582	*0.202*	2.88	*1.00*	03/21/23	KCA	1	
Ethanol	10.2	*0.531*	19.2	*1.00*	03/21/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	1
Ethylbenzene	0.833	*0.230*	3.61	*1.00*	03/21/23	KCA	1	
Heptane	0.637	*0.244*	2.61	*1.00*	03/21/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/21/23	KCA	1	
Hexane	1.33	*0.284*	4.68	*1.00*	03/21/23	KCA	1	
Isopropylalcohol	0.811	*0.407*	1.99	*1.00*	03/21/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
m,p-Xylene	2.79	*0.230*	12.1	*1.00*	03/21/23	KCA	1	
Methyl Ethyl Ketone	1.49	*0.339*	4.39	*1.00*	03/21/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/21/23	KCA	1	
n-Butylbenzene	0.212	*0.182*	1.16	*1.00*	03/21/23	KCA	1	1
o-Xylene	1.10	*0.230*	4.77	*1.00*	03/21/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/21/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/21/23	KCA	1	
Tetrachloroethene	0.887	*0.037*	6.01	*0.25*	03/21/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/21/23	KCA	1	1
Toluene	5.32	*0.266*	20.0	*1.00*	03/21/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/21/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Trichloroethene	0.188	*0.037*	1.01	*0.20*	03/21/23	KCA	1	
Trichlorofluoromethane	0.244	*0.178*	1.37	*1.00*	03/21/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/21/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/21/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	98	*%*	98	*%*	03/21/23	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	107	*%*	03/21/23	KCA	1	
% IS-Bromochloromethane	103	*%*	103	*%*	03/21/23	KCA	1	
% IS-Chlorobenzene-d5	109	*%*	109	*%*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63625

Client ID: SVI-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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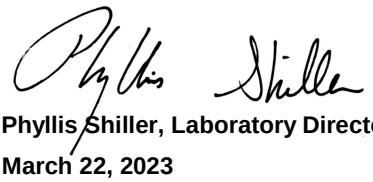


Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 22, 2023

FOR: Attn: Mr. William J. Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, New York 11566

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CZ,AG	03/17/23	16:46
Location Code:	PREFRDNY	Received by:	CP	03/20/23	14:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	252				

Laboratory Data

SDG ID: GCN63621
Phoenix ID: CN63626

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-X

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	1
1,1,1-Trichloroethane	17.6	*0.183*	96.0	*1.00*	03/21/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/21/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethane	1.04	*0.247*	4.21	*1.00*	03/21/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/21/23	KCA	1	
1,2,4-Trimethylbenzene	0.369	*0.204*	1.81	*1.00*	03/21/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/21/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/21/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/21/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/21/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	1
4-Ethyltoluene	0.391	*0.204*	1.92	*1.00*	03/21/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/21/23	KCA	1	
Acetone	19.5	*0.421*	46.3	*1.00*	03/21/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/21/23	KCA	1	
Benzene	0.498	*0.313*	1.59	*1.00*	03/21/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Client ID: SVI-X

Phoenix I.D.: CN63626

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/21/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/21/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/21/23	KCA	1	
Carbon Disulfide	0.539	*0.321*	1.68	*1.00*	03/21/23	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	03/21/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/21/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/21/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/21/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/21/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/21/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/21/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/21/23	KCA	1	
Dichlorodifluoromethane	0.520	*0.202*	2.57	*1.00*	03/21/23	KCA	1	
Ethanol	4.14	*0.531*	7.80	*1.00*	03/21/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	1
Ethylbenzene	0.295	*0.230*	1.28	*1.00*	03/21/23	KCA	1	
Heptane	0.380	*0.244*	1.56	*1.00*	03/21/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/21/23	KCA	1	
Hexane	0.751	*0.284*	2.65	*1.00*	03/21/23	KCA	1	
Isopropylalcohol	0.814	*0.407*	2.00	*1.00*	03/21/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/21/23	KCA	1	
m,p-Xylene	0.945	*0.230*	4.10	*1.00*	03/21/23	KCA	1	
Methyl Ethyl Ketone	1.77	*0.339*	5.22	*1.00*	03/21/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/21/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/21/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
o-Xylene	0.371	*0.230*	1.61	*1.00*	03/21/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/21/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/21/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/21/23	KCA	1	
Tetrachloroethene	2.80	*0.037*	19.0	*0.25*	03/21/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/21/23	KCA	1	1
Toluene	2.05	*0.266*	7.72	*1.00*	03/21/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/21/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/21/23	KCA	1	
Trichloroethene	0.042	*0.037*	0.23	*0.20*	03/21/23	KCA	1	
Trichlorofluoromethane	0.221	*0.178*	1.24	*1.00*	03/21/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/21/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/21/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	98	*%*	98	*%*	03/21/23	KCA	1	
% IS-1,4-Difluorobenzene	105	*%*	105	*%*	03/21/23	KCA	1	
% IS-Bromochloromethane	104	*%*	104	*%*	03/21/23	KCA	1	
% IS-Chlorobenzene-d5	104	*%*	104	*%*	03/21/23	KCA	1	

Project ID: 140 E. MINEOLA AVE, VALLEY STREAM NY
Phoenix I.D.: CN63626

Client ID: SVI-X

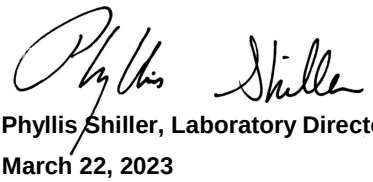
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 22, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

March 22, 2023

QA/QC Data

SDG I.D.: GCN63621

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 668988 (ppbv), QC Sample No: CN63621 (CN63621, CN63622, CN63623, CN63624, CN63625, CN63626)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	110	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	117	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	128	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	114	48.1	48.6	9.8	9.90	1.0	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	104	12.2	11.9	2.48	2.42	2.4	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	119	4.89	5.24	2.21	2.37	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	129	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	115	40.1	40.3	8.16	8.20	0.5	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	109	2.35	2.29	0.429	0.418	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	121	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	107	9.5	9.23	2.98	2.89	3.1	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	115	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	111	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	111	0.47	0.47	0.075	0.074	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	120	1.30	1.39	0.631	0.674	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	99	8.05	ND	2.34	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	114	3.40	3.50	0.687	0.708	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	163	53.9	57.8	28.6	30.7	7.1	70 - 130	25

QA/QC Data

SDG I.D.: GCN63621

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.280	ND	1.01	85	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	19.4	19.2	4.46	4.43	0.7	70 - 130	25
Heptane	ND	0.240	ND	0.98	119	14.0	14.0	3.42	3.41	0.3	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	125	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	116	27.5	26.9	7.81	7.65	2.1	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	135	14.5	14.7	5.91	5.99	1.3	70 - 130	25 I
Isopropylbenzene	ND	0.200	ND	0.98	104	2.91	2.85	0.592	0.580	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	113	62.1	62.1	14.3	14.3	0.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	113	2.20	2.20	0.747	0.745	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	111	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	112	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	111	25.1	24.7	5.78	5.70	1.4	70 - 130	25
Propylene	ND	0.580	ND	1.00	120	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	110	1.94	ND	0.354	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	102	0.43	0.41	0.063	0.061	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	118	2.32	2.26	0.787	0.767	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	109	117	116	31.0	30.7	1.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	106	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	114	1.55	1.58	0.276	0.282	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	117	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	96	%	96	%	99	91	90	91	90	NC	70 - 130	25
% IS-1,4-Difluorobenzene	109	%	109	%	107	104	107	104	107	NC	60 - 140	25
% IS-Bromochloromethane	106	%	106	%	102	100	103	100	103	NC	60 - 140	25
% IS-Chlorobenzene-d5	108	%	108	%	111	117	120	117	120	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
March 22, 2023

Wednesday, March 22, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCN63621 - PREFRDNY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 22, 2023 SDG I.D.: GCN63621

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

PREFRDNY

860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

Report to:	Victoria Whelan	Project Name: 140 E. Mineola Avenue, Valley Stream, NY	Data Format: (Circle) Equis Excel Other:
Customer:	Preferred Environmental Services	Invoice to: ← SAME	Requested Deliverable: RCP ASP CAT B
Address:	323 Merrick Avenue	← SAME	MCP NJ Deliverables
14455	North Merrick, New York 11566	Sampled by: Chris Zverer / Alex Guckowitz	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
636211	IA-2	28557	6.0L	-30	-30	10573	11.4	9:36	17:01	3/17/23	-30	-6	X		G	X		-5
636221	AA-1	13635	6.0L	-30	-30	10603	10.7	9:38	17:07		-30	-6	X		G	X		-5
636231	SV1-7	21342	6.0L	-30	-29	7022	22.9	9:30	16:46		-29	-6		X	G	X		-4.5
	Droped off at Huntington	~~229~~	~~6.0L~~	~~-30~~	~~-30~~	10700	11.2											
636241	IA-1	482	6.0L	-30	-30	10701	10.9	9:32	16:55		-30	-7	X		G	X		-6
636251	SV1-12	12871	6.0L	-30	-30	7001	10.9	9:36	16:59		-30	-7		X	G	X		-5.5
636261	SV1-X	252	6.0L	-30	-29	7022	22.9	9:30	16:46	↓	-29	-6		X	G	X		-4.5

Relinquished by:	Accepted by:	Date:	Time:
		3/20/23	1133
	ZM	3/20/23	1210

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: 3/17/23

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(6) - 6.0L 8 hr , 6ft Tubing, 2 Connectors

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☐
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Vapor Intrusion	Indoor Air Residential Non-residential	Indoor Air Residential Industrial Sub-slab Residential Industrial

ZM 3/20/23 1440

Technical Report

prepared for:

KB Environmental Assessment
4 Gail Street
Bay Shore NY, 11706
Attention: Keith Butler

Report Date: 10/31/2023
Client Project ID: NAA2309 Sid Harvey Valley Stream
York Project (SDG) No.: 23J1730

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

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

Report Date: 10/31/2023
Client Project ID: NAA2309 Sid Harvey Valley Stream
York Project (SDG) No.: 23J1730

KB Environmental Assessment
4 Gail Street
Bay Shore NY, 11706
Attention: Keith Butler

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 26, 2023 and listed below. The project was identified as your project: **NAA2309 Sid Harvey Valley Stream**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23J1730-01	VGCA-1	Vapor Extraction	10/26/2023	10/26/2023
23J1730-02	VGCA-2	Vapor Extraction	10/26/2023	10/26/2023
23J1730-03	SVE Stack	Vapor Extraction	10/26/2023	10/26/2023
23J1730-04	VGCA Inlet	Vapor Extraction	10/26/2023	10/26/2023
23J1730-05	SVE-1	Vapor Extraction	10/26/2023	10/26/2023
23J1730-06	SVE-2	Vapor Extraction	10/26/2023	10/26/2023
23J1730-07	SVE-3	Vapor Extraction	10/26/2023	10/26/2023
23J1730-08	SVE-5	Vapor Extraction	10/26/2023	10/26/2023

General Notes for York Project (SDG) No.: 23J1730

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: 10/31/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: VGCA-1 **York Sample ID:** 23J1730-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 8:54 am	10/26/2023

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/m³	1.1	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
71-55-6	**1,1,1-Trichloroethane**	**33**		ug/m³	0.86	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.86	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-34-3	**1,1-Dichloroethane**	**8.6**		ug/m³	0.64	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-35-4	**1,1-Dichloroethylene**	**1.1**		ug/m³	0.16	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
95-63-6	**1,2,4-Trimethylbenzene**	**1.0**		ug/m³	0.77	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.94	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
107-06-2	**1,2-Dichloroethane**	**1.2**		ug/m³	0.64	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.73	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.77	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.94	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.73	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.94	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH

Sample Information

Client Sample ID: VGCA-1 **York Sample ID:** 23J1730-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 8:54 am	10/26/2023

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/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
78-93-3	2-Butanone	ND		ug/m³	0.46	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.64	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
67-64-1	**Acetone**	**9.5**		ug/m³	0.75	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.34	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
71-43-2	**Benzene**	**2.9**		ug/m³	0.50	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.81	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-25-2	Bromoform	ND		ug/m³	1.6	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
74-83-9	Bromomethane	ND		ug/m³	0.61	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.49	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
56-23-5	**Carbon tetrachloride**	**1.9**		ug/m³	0.25	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.72	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-00-3	Chloroethane	ND		ug/m³	0.41	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
67-66-3	**Chloroform**	**9.1**		ug/m³	0.77	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
74-87-3	**Chloromethane**	**0.42**	TO-CCV, TO-LCS-H	ug/m³	0.32	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
156-59-2	**cis-1,2-Dichloroethylene**	**5.0**		ug/m³	0.16	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH

Sample Information

Client Sample ID: VGCA-1 **York Sample ID:** 23J1730-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 8:54 am	10/26/2023

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/m³	0.71	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
110-82-7	**Cyclohexane**	**9.1**		ug/m³	0.54	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-71-8	**Dichlorodifluoromethane**	**3.6**	TO-LC S-H	ug/m³	0.78	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
100-41-4	**Ethyl Benzene**	**3.3**		ug/m³	0.68	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	1.7	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
67-63-0	**Isopropanol**	**3.5**	B	ug/m³	1.9	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.64	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.57	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
75-09-2	**Methylene chloride**	**2.5**		ug/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.64	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
110-54-3	**n-Hexane**	**6.3**		ug/m³	0.55	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
95-47-6	**o-Xylene**	**2.9**		ug/m³	0.68	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
179601-23-1	**p- & m- Xylenes**	**8.3**		ug/m³	1.4	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.77	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
115-07-1	* Propylene	ND		ug/m³	0.27	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH
100-42-5	Styrene	ND		ug/m³	0.67	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
127-18-4	**Tetrachloroethylene**	**41**		ug/m³	1.1	1.571	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 12:32	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.93	1.571	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 12:32	VH

Sample Information

Client Sample ID: VGCA-1 **York Sample ID:** 23J1730-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 8:54 am	10/26/2023

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**	**74**		ug/m³	0.59	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.62	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.71	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**13**		ug/m³	0.21	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.88	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.55	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.69	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.571	EPA TO-15	10/27/2023 16:00	10/28/2023 12:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: VGCA-2 **York Sample ID:** 23J1730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:10 am	10/26/2023

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/m³	1.1	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**33**		ug/m³	0.91	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	**1,1-Dichloroethane**	**8.4**		ug/m³	0.67	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: VGCA-2 **York Sample ID:** 23J1730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:10 am	10/26/2023

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**	**1.1**		ug/m³	0.17	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.82	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	**1,2-Dichloroethane**	**1.2**		ug/m³	0.67	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.82	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.77	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**0.88**		ug/m³	0.49	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.68	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**8.9**		ug/m³	0.79	1.665	EPA TO-15	10/27/2023 16:00	10/28/2023 13:25	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: VGCA-2 **York Sample ID:** 23J1730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:10 am	10/26/2023

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/m³	0.36	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
71-43-2	**Benzene**	**2.3**		ug/m³	0.53	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.86	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-25-2	Bromoform	ND		ug/m³	1.7	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
74-83-9	Bromomethane	ND		ug/m³	0.65	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.52	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
56-23-5	**Carbon tetrachloride**	**1.7**		ug/m³	0.26	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.77	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-00-3	Chloroethane	ND		ug/m³	0.44	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
67-66-3	**Chloroform**	**9.2**		ug/m³	0.81	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
74-87-3	**Chloromethane**	**0.65**	TO-CCV, TO-LCS-H	ug/m³	0.34	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
156-59-2	**cis-1,2-Dichloroethylene**	**4.8**		ug/m³	0.17	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
110-82-7	**Cyclohexane**	**8.0**		ug/m³	0.57	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-71-8	**Dichlorodifluoromethane**	**3.5**	TO-LCS-H	ug/m³	0.82	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.665	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 13:25	VH
100-41-4	**Ethyl Benzene**	**2.3**		ug/m³	0.72	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH

Sample Information

Client Sample ID: VGCA-2 **York Sample ID:** 23J1730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:10 am	10/26/2023

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	CAL-E, ICVE	ug/m³	1.8	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
67-63-0	**Isopropanol**	**3.3**	B	ug/m³	2.0	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.68	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-09-2	**Methylene chloride**	**2.3**		ug/m³	1.2	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
142-82-5	**n-Heptane**	**1.3**		ug/m³	0.68	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
110-54-3	**n-Hexane**	**5.0**		ug/m³	0.59	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
95-47-6	**o-Xylene**	**2.0**		ug/m³	0.72	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
179601-23-1	**p- & m- Xylenes**	**6.0**		ug/m³	1.4	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.82	1.665	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 13:25	VH
115-07-1	* Propylene	ND		ug/m³	0.29	1.665	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 13:25	VH
100-42-5	Styrene	ND		ug/m³	0.71	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
127-18-4	**Tetrachloroethylene**	**34**		ug/m³	1.1	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.98	1.665	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 13:25	VH
108-88-3	**Toluene**	**55**		ug/m³	0.63	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
79-01-6	**Trichloroethylene**	**12**		ug/m³	0.22	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.94	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
108-05-4	Vinyl acetate	ND		ug/m³	0.59	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH

Sample Information

Client Sample ID: VGCA-2 **York Sample ID:** 23J1730-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:10 am	10/26/2023

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
593-60-2	Vinyl bromide	ND		ug/m³	0.73	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.665	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 13:25	VH

Sample Information

Client Sample ID: SVE Stack **York Sample ID:** 23J1730-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:13 am	10/26/2023

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/m³	1.0	1.49	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 14:18	VH
71-55-6	**1,1,1-Trichloroethane**	**20**		ug/m³	0.81	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-34-3	**1,1-Dichloroethane**	**5.4**		ug/m³	0.60	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-35-4	**1,1-Dichloroethylene**	**0.65**		ug/m³	0.15	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.81**		ug/m³	0.73	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.90	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
107-06-2	**1,2-Dichloroethane**	**0.78**		ug/m³	0.60	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH

Sample Information

Client Sample ID: SVE Stack

York Sample ID: 23J1730-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:13 am	10/26/2023

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
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.73	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
106-99-0	1,3-Butadiene	ND		ug/m³	0.99	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.90	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.49	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 14:18	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.90	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
78-93-3	**2-Butanone**	**1.0**		ug/m³	0.44	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.49	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 14:18	VH
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
67-64-1	**Acetone**	**16**		ug/m³	0.71	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
71-43-2	**Benzene**	**2.3**		ug/m³	0.48	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.77	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-25-2	Bromoform	ND		ug/m³	1.5	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
74-83-9	Bromomethane	ND		ug/m³	0.58	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH

Sample Information

Client Sample ID: SVE Stack

York Sample ID: 23J1730-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:13 am	10/26/2023

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
75-15-0	Carbon disulfide	ND		ug/m³	0.46	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
56-23-5	**Carbon tetrachloride**	**1.2**		ug/m³	0.23	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.69	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-00-3	Chloroethane	ND		ug/m³	0.39	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
67-66-3	**Chloroform**	**5.7**		ug/m³	0.73	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
74-87-3	**Chloromethane**	**0.86**	TO-CCV, TO-LCS-H	ug/m³	0.31	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
156-59-2	**cis-1,2-Dichloroethylene**	**3.1**		ug/m³	0.15	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.68	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
110-82-7	**Cyclohexane**	**7.1**		ug/m³	0.51	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-71-8	**Dichlorodifluoromethane**	**3.1**	TO-LCS-H	ug/m³	0.74	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.49	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 14:18	VH
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.65	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	1.6	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
67-63-0	**Isopropanol**	**36**	B	ug/m³	1.8	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
75-09-2	**Methylene chloride**	**4.5**		ug/m³	1.0	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH
142-82-5	**n-Heptane**	**1.6**		ug/m³	0.61	1.49	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 14:18	VH

Sample Information

Client Sample ID: SVE Stack **York Sample ID:** 23J1730-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:13 am	10/26/2023

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
110-54-3	**n-Hexane**	**4.2**		ug/m³	0.53	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.0**		ug/m³	0.65	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**6.1**		ug/m³	1.3	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.88**		ug/m³	0.73	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.26	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**25**		ug/m³	1.0	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.88	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications:			
108-88-3	**Toluene**	**47**		ug/m³	0.56	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.68	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**8.2**		ug/m³	0.20	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.84	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.49	EPA TO-15	10/27/2023 16:00	10/28/2023 14:18	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: VGCA Inlet **York Sample ID:** 23J1730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:02 am	10/26/2023

Sample Information

Client Sample ID: VGCA Inlet

York Sample ID: 23J1730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:02 am	10/26/2023

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/m³	2.2	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
71-55-6	**1,1,1-Trichloroethane**	**25**		ug/m³	1.7	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.2	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.7	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-34-3	**1,1-Dichloroethane**	**6.4**		ug/m³	1.3	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-35-4	**1,1-Dichloroethylene**	**0.63**		ug/m³	0.32	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.4	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
95-63-6	**1,2,4-Trimethylbenzene**	**3.1**		ug/m³	1.6	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.4	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.9	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.6	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
106-99-0	1,3-Butadiene	ND		ug/m³	2.1	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.9	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH

Sample Information

Client Sample ID: VGCA Inlet

York Sample ID: 23J1730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:02 am	10/26/2023

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/m³	2.3	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.94	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
591-78-6	* 2-Hexanone	ND		ug/m³	2.6	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
107-05-1	3-Chloropropene	ND		ug/m³	5.0	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.3	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
67-64-1	**Acetone**	**16**		ug/m³	1.5	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
107-13-1	Acrylonitrile	ND		ug/m³	0.69	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
71-43-2	**Benzene**	**6.4**		ug/m³	1.0	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
100-44-7	Benzyl chloride	ND		ug/m³	1.6	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-27-4	Bromodichloromethane	ND		ug/m³	2.1	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-25-2	Bromoform	ND		ug/m³	3.3	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
74-83-9	Bromomethane	ND		ug/m³	1.2	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-15-0	Carbon disulfide	ND		ug/m³	0.99	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
56-23-5	**Carbon tetrachloride**	**1.4**		ug/m³	0.50	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
108-90-7	Chlorobenzene	ND		ug/m³	1.5	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
75-00-3	Chloroethane	ND		ug/m³	0.84	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
67-66-3	**Chloroform**	**7.0**		ug/m³	1.6	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
74-87-3	Chloromethane	ND		ug/m³	0.66	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH
156-59-2	**cis-1,2-Dichloroethylene**	**4.2**		ug/m³	0.32	3.186	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2023 16:00	10/28/2023 15:08	VH

Sample Information

Client Sample ID: VGCA Inlet

York Sample ID: 23J1730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:02 am	10/26/2023

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/m³	1.4	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
110-82-7	**Cyclohexane**	**2.7**		ug/m³	1.1	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
124-48-1	Dibromochloromethane	ND		ug/m³	2.7	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
75-71-8	**Dichlorodifluoromethane**	**3.0**	TO-LC S-H	ug/m³	1.6	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
141-78-6	* Ethyl acetate	ND		ug/m³	2.3	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
100-41-4	**Ethyl Benzene**	**10**		ug/m³	1.4	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	3.4	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
67-63-0	**Isopropanol**	**6.3**	B	ug/m³	3.9	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	1.3	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
75-09-2	**Methylene chloride**	**3.2**		ug/m³	2.2	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
142-82-5	**n-Heptane**	**3.7**		ug/m³	1.3	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
110-54-3	**n-Hexane**	**11**		ug/m³	1.1	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
95-47-6	**o-Xylene**	**9.5**		ug/m³	1.4	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
179601-23-1	**p- & m- Xylenes**	**27**		ug/m³	2.8	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
622-96-8	*** p-Ethyltoluene**	**3.8**		ug/m³	1.6	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
115-07-1	* Propylene	ND		ug/m³	0.55	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH
100-42-5	Styrene	ND		ug/m³	1.4	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
127-18-4	**Tetrachloroethylene**	**97**		ug/m³	2.2	3.186	EPA TO-15 Certifications:	10/27/2023 16:00 NELAC-NY12058,NJDEP-NY037	10/28/2023 15:08	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.9	3.186	EPA TO-15 Certifications:	10/27/2023 16:00	10/28/2023 15:08	VH

Sample Information

Client Sample ID: VGCA Inlet **York Sample ID:** 23J1730-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 9:02 am	10/26/2023

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**	**280**		ug/m³	1.2	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.3	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**24**		ug/m³	0.43	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.8	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.41	3.186	EPA TO-15	10/27/2023 16:00	10/28/2023 15:08	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-1 **York Sample ID:** 23J1730-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	0.97	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**25**		ug/m³	0.77	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.97	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.77	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	**1,1-Dichloroethane**	**2.8**		ug/m³	0.57	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **SVE-1** **York Sample ID:** **23J1730-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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**	**0.45**		ug/m³	0.14	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	1.0	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.69	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.85	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	**1,2-Dichloroethane**	**1.1**		ug/m³	0.57	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.65	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.98	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.69	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.93	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.85	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.65	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.85	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**1.9**		ug/m³	0.41	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.58	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**4.9**	TO-LC S-H	ug/m³	0.67	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-1 **York Sample ID:** 23J1730-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	0.31	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
71-43-2	Benzene	ND		ug/m³	0.45	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
100-44-7	Benzyl chloride	ND		ug/m³	0.73	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-27-4	Bromodichloromethane	ND		ug/m³	0.94	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-25-2	Bromoform	ND		ug/m³	1.5	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
74-83-9	Bromomethane	ND		ug/m³	0.55	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-15-0	**Carbon disulfide**	**2.3**		ug/m³	0.44	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
56-23-5	**Carbon tetrachloride**	**4.5**		ug/m³	0.22	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.65	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-00-3	Chloroethane	ND		ug/m³	0.37	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
67-66-3	**Chloroform**	**16**		ug/m³	0.69	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
74-87-3	**Chloromethane**	**0.61**	TO-CCV, TO-LCS-H	ug/m³	0.29	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
156-59-2	**cis-1,2-Dichloroethylene**	**0.22**		ug/m³	0.14	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.64	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
110-82-7	Cyclohexane	ND		ug/m³	0.48	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-71-8	**Dichlorodifluoromethane**	**3.1**	TO-CCV, TO-LCS-H	ug/m³	0.70	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.407	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 04:51	VH

Sample Information

Client Sample ID: **SVE-1** **York Sample ID:** **23J1730-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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	ND		ug/m³	0.61	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	1.5	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
67-63-0	**Isopropanol**	**4.2**	TO-LC S-H, B	ug/m³	1.7	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.58	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.51	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-09-2	**Methylene chloride**	**1.4**		ug/m³	0.98	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
142-82-5	n-Heptane	ND		ug/m³	0.58	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
110-54-3	n-Hexane	ND		ug/m³	0.50	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
95-47-6	o-Xylene	ND		ug/m³	0.61	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.2	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.69	1.407	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 04:51	VH
115-07-1	* Propylene	ND		ug/m³	0.24	1.407	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 04:51	VH
100-42-5	Styrene	ND		ug/m³	0.60	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
127-18-4	**Tetrachloroethylene**	**29**		ug/m³	0.95	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
109-99-9	*** Tetrahydrofuran**	**19**		ug/m³	0.83	1.407	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 04:51	VH
108-88-3	**Toluene**	**3.8**		ug/m³	0.53	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.56	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.64	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
79-01-6	**Trichloroethylene**	**30**		ug/m³	0.19	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.79	1.407	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 04:51	VH

Sample Information

Client Sample ID: SVE-1 **York Sample ID:** 23J1730-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	0.50	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.62	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.18	1.407	EPA TO-15	10/28/2023 12:00	10/29/2023 04:51	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-2 **York Sample ID:** 23J1730-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:24 am	10/26/2023

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/m³	1.0	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**29**		ug/m³	0.81	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	**1,1-Dichloroethane**	**8.4**		ug/m³	0.60	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	**1,1-Dichloroethylene**	**0.76**		ug/m³	0.15	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	1.1	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.73**		ug/m³	0.73	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-2 **York Sample ID:** 23J1730-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:24 am	10/26/2023

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**	**2.0**		ug/m³	0.60	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.73	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	0.98	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.44	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**17**	TO-LC S-H	ug/m³	0.70	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**3.4**		ug/m³	0.47	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.76	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.5	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-2 **York Sample ID:** 23J1730-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:24 am	10/26/2023

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/m³	0.57	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
75-15-0	**Carbon disulfide**	**3.1**		ug/m³	0.46	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
56-23-5	**Carbon tetrachloride**	**2.0**		ug/m³	0.23	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
75-00-3	Chloroethane	ND		ug/m³	0.39	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
67-66-3	**Chloroform**	**6.3**		ug/m³	0.72	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
74-87-3	**Chloromethane**	**0.55**	TO-CCV, TO-LCS-H	ug/m³	0.31	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
156-59-2	**cis-1,2-Dichloroethylene**	**7.6**		ug/m³	0.15	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
110-82-7	**Cyclohexane**	**2.7**		ug/m³	0.51	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
75-71-8	**Dichlorodifluoromethane**	**2.8**	TO-CCV, TO-LCS-H	ug/m³	0.73	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.477	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 05:44	VH
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.64	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	1.6	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
67-63-0	**Isopropanol**	**4.0**	TO-LCS-H, B	ug/m³	1.8	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH
75-09-2	**Methylene chloride**	**2.9**		ug/m³	1.0	1.477	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 05:44	VH

Sample Information

Client Sample ID: SVE-2 **York Sample ID:** 23J1730-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:24 am	10/26/2023

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
142-82-5	**n-Heptane**	**2.1**		ug/m³	0.61	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**11**		ug/m³	0.52	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.64	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**6.5**		ug/m³	1.3	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**0.73**		ug/m³	0.73	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.25	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**170**		ug/m³	1.0	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	*** Tetrahydrofuran**	**11**		ug/m³	0.87	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications:			
108-88-3	**Toluene**	**89**		ug/m³	0.56	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**39**		ug/m³	0.20	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.83	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.477	EPA TO-15	10/28/2023 12:00	10/29/2023 05:44	VH
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SVE-3 **York Sample ID:** 23J1730-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	4.5	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
71-55-6	**1,1,1-Trichloroethane**	**12**		ug/m³	3.5	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.5	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.5	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.6	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.64	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	4.8	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
95-63-6	**1,2,4-Trimethylbenzene**	**7.3**		ug/m³	3.2	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.9	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.6	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.5	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.2	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
106-99-0	1,3-Butadiene	ND		ug/m³	4.3	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.9	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.0	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.9	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH

Sample Information

Client Sample ID: SVE-3 **York Sample ID:** 23J1730-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	4.7	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
78-93-3	**2-Butanone**	**7.7**		ug/m³	1.9	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
591-78-6	* 2-Hexanone	ND		ug/m³	5.3	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
107-05-1	3-Chloropropene	ND		ug/m³	10	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.7	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
67-64-1	**Acetone**	**25**	TO-LC S-H	ug/m³	3.1	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
107-13-1	Acrylonitrile	ND		ug/m³	1.4	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
71-43-2	**Benzene**	**12**		ug/m³	2.1	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
100-44-7	Benzyl chloride	ND		ug/m³	3.4	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-27-4	Bromodichloromethane	ND		ug/m³	4.4	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-25-2	Bromoform	ND		ug/m³	6.7	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
74-83-9	Bromomethane	ND		ug/m³	2.5	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-15-0	**Carbon disulfide**	**3.4**		ug/m³	2.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
56-23-5	**Carbon tetrachloride**	**1.2**		ug/m³	1.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
108-90-7	Chlorobenzene	ND		ug/m³	3.0	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
75-00-3	Chloroethane	ND		ug/m³	1.7	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
67-66-3	**Chloroform**	**6.3**		ug/m³	3.2	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
74-87-3	Chloromethane	ND		ug/m³	1.3	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.64	6.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 06:32	VH

Sample Information

Client Sample ID: SVE-3 **York Sample ID:** 23J1730-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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/m³	3.0	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
110-82-7	**Cyclohexane**	**4.7**		ug/m³	2.2	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
124-48-1	Dibromochloromethane	ND		ug/m³	5.5	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
75-71-8	**Dichlorodifluoromethane**	**3.2**		ug/m³	3.2	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
141-78-6	* Ethyl acetate	ND		ug/m³	4.7	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
100-41-4	**Ethyl Benzene**	**20**		ug/m³	2.8	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	6.9	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
67-63-0	**Isopropanol**	**8.1**	TO-LCS-H, B	ug/m³	8.0	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	2.7	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.3	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
75-09-2	Methylene chloride	ND		ug/m³	4.5	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
142-82-5	**n-Heptane**	**6.1**		ug/m³	2.7	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
110-54-3	**n-Hexane**	**18**		ug/m³	2.3	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
95-47-6	**o-Xylene**	**19**		ug/m³	2.8	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
179601-23-1	**p- & m- Xylenes**	**55**		ug/m³	5.6	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
622-96-8	* **p-Ethyltoluene**	**7.7**	TO-CCV	ug/m³	3.2	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
115-07-1	* Propylene	ND		ug/m³	1.1	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH
100-42-5	Styrene	ND		ug/m³	2.8	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
127-18-4	**Tetrachloroethylene**	**60**		ug/m³	4.4	6.5	EPA TO-15 Certifications:	10/28/2023 12:00 NELAC-NY12058,NJDEP-NY037	10/29/2023 06:32	VH
109-99-9	* **Tetrahydrofuran**	**29**		ug/m³	3.8	6.5	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 06:32	VH

Sample Information

Client Sample ID: SVE-3 **York Sample ID:** 23J1730-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:26 am	10/26/2023

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**	**550**		ug/m³	2.4	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.6	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.0	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**9.1**		ug/m³	0.87	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.7	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.3	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	2.8	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.83	6.5	EPA TO-15	10/28/2023 12:00	10/29/2023 06:32	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-5 **York Sample ID:** 23J1730-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:37 am	10/26/2023

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/m³	1.1	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.89	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.89	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-5 **York Sample ID:** 23J1730-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:37 am	10/26/2023

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/m³	0.66	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	TO-LC S-L	ug/m³	1.2	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**0.80**		ug/m³	0.80	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.98	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.75	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.80	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.98	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.75	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.98	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.48	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.67	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **SVE-5** **York Sample ID:** **23J1730-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:37 am	10/26/2023

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**	**25**	TO-LC S-H	ug/m³	0.77	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.35	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**1.1**		ug/m³	0.52	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	0.84	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	1.7	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	0.63	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.26	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	0.75	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.43	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	Chloroform	ND		ug/m³	0.79	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	**Chloromethane**	**1.8**	TO-CCV, TO-LC S-H	ug/m³	0.34	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.74	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**1.1**		ug/m³	0.56	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	**Dichlorodifluoromethane**	**2.7**	TO-CCV, TO-LC S-H	ug/m³	0.80	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SVE-5 **York Sample ID:** 23J1730-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:37 am	10/26/2023

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
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.625	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 08:14	VH
100-41-4	**Ethyl Benzene**	**0.99**		ug/m³	0.71	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE	ug/m³	1.7	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
67-63-0	**Isopropanol**	**3.5**	TO-LC S-H, B	ug/m³	2.0	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
75-09-2	**Methylene chloride**	**3.0**		ug/m³	1.1	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
142-82-5	**n-Heptane**	**0.73**		ug/m³	0.67	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
110-54-3	**n-Hexane**	**9.0**		ug/m³	0.57	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
95-47-6	**o-Xylene**	**0.99**		ug/m³	0.71	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
179601-23-1	**p- & m- Xylenes**	**2.8**		ug/m³	1.4	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.80	1.625	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 08:14	VH
115-07-1	* Propylene	ND		ug/m³	0.28	1.625	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 08:14	VH
100-42-5	Styrene	ND		ug/m³	0.69	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
127-18-4	**Tetrachloroethylene**	**2.1**		ug/m³	1.1	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.96	1.625	EPA TO-15 Certifications:	10/28/2023 12:00	10/29/2023 08:14	VH
108-88-3	**Toluene**	**16**		ug/m³	0.61	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.74	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.625	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2023 12:00	10/29/2023 08:14	VH

Sample Information

Client Sample ID: SVE-5 **York Sample ID:** 23J1730-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23J1730	NAA2309 Sid Harvey Valley Stream	Vapor Extraction	October 26, 2023 10:37 am	10/26/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.91	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	0.57	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.71	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.625	EPA TO-15	10/28/2023 12:00	10/29/2023 08:14	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record - AIR

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

YORK Project No. 23J1730

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: KB Env. Assessment	Company: Same	Company: Same	NAA2309	RUSH - Next Day
Address: 4 Gail St Bay Shore NY	Address: 11706	Address:	YOUR Project Name: Sid Harvey Valley Stream	RUSH - Two Day
Phone: 516 776 6429	Phone:	Phone:		RUSH - Three Day
Contact: Keith Bitter	Contact:	Contact:		RUSH - Four Day
E-mail: Keith@KBEnvAssessment.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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.

Keith Bitter

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

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

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	Times	
VGCA-1	10/26/23	AE	-30	-6	23195	7095	TO-15	0807	0954
VGCA-2			-30	-6	43005	7901		0808	0910
SVE Stack			-30	-6	36999	6865		0810	0913
VGCA Inlet			-30	-6	28850	17176		0811	0902
SVE-1			-30	-5	41840	17199		0924	1026
SVE-2			-30	-6	24115	17991		0927	1024
SVE-3			-30	-7	23797	5610		0930	1026
SVE-5			-30	-6	37003	6869		0931	1037

Comments:

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

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/26/23 12:10	York	10/26/23 12:10	York	10/26/23 1400
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
KBay York	10/26/23 2PM	KBay York	10/26/23 1730	Ramon York	10/26 1950
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ramon York	10/26	Lab Security			10/26/23 1730

10/27/23 1010